

Appendix A. Home Manager Configuration Options

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Appendix A. Home Manager Configuration Options

module.args

Additional arguments passed to each module in addition to ones like `lib`, `config`, and `pkgs`, `modulesPath`.

This option is also available to all submodules. Submodules do not inherit args from their parent module, nor do they provide args to their parent module or sibling submodules. The sole exception to this is the argument name which is provided by parent modules to a submodule and contains the attribute name the submodule is bound to, or a unique generated name if it is not bound to an attribute.

Some arguments are already passed by default, of which the following *cannot* be changed with this option:

- `lib`: The `nixpkgs` library.
- `config`: The results of all options after merging the values from all modules together.
- `options`: The options declared in all modules.
- `specialArgs`: The `specialArgs` argument passed to `evalModules`.
- All attributes of `specialArgs`

Whereas option values can generally depend on other option values thanks to laziness, this does not apply to `imports`, which must be computed statically before anything else.

For this reason, callers of the module system can provide `specialArgs` which are available during import resolution.

For NixOS, `specialArgs` includes `modulesPath`, which allows you to import extra modules from the `nixpkgs` package tree without having to somehow make the module aware of the location of the `nixpkgs` or NixOS directories.

```
{ modulesPath, ... }: {
  imports = [
    (modulesPath + "/profiles/minimal.nix")
  ];
}
```

For NixOS, the default value for this option includes at least this argument:

- `pkgs`: The `nixpkgs` package set according to the `nixpkgs.pkgs` option.

Type: lazy attribute set of raw value

Declared by:

[<nixpkgs/lib/modules.nix>](#)

accounts.calendar.accounts

List of calendars.

Type: attribute set of (submodule)

Default: { }

Declared by:

[<home-manager/modules/programs/qcal.nix>](#)

[<home-manager/modules/accounts/calendar.nix>](#)

accounts.calendar.accounts.<name>.khal.enable

Whether to enable khal access.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/accounts/calendar.nix>](#)

accounts.calendar.accounts.<name>.khal.color

Color in which events in this calendar are displayed.

Type: null or one of “black”, “white”, “brown”, “yellow”, “dark gray”, “dark green”, “dark blue”, “light gray”, “light green”, “light blue”, “dark magenta”, “dark cyan”, “dark red”, “light magenta”, “light cyan”, “light red”

Default: null

Example: "light green"

Declared by:

[`<home-manager/modules/accounts/calendar.nix>`](#)[`accounts.calendar.accounts.<name>.khal.glob`](#)

The glob expansion to be searched for events or birthdays when type is set to discover.

Type: string

Default: `"*"`

Declared by:

[`<home-manager/modules/accounts/calendar.nix>`](#)[`accounts.calendar.accounts.<name>.khal.priority`](#)

Priority of a calendar used for coloring.

Type: signed integer

Default: 10

Declared by:

[`<home-manager/modules/accounts/calendar.nix>`](#)[`accounts.calendar.accounts.<name>.khal.readOnly`](#)

Keep khal from making any changes to this account.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/accounts/calendar.nix>`](#)[`accounts.calendar.accounts.<name>.khal.type`](#)

Either a single calendar (calendar which is the default) or a directory with multiple calendars (discover).

Type: null or one of “calendar”, “discover”

Default: null

Declared by:

[`<home-manager/modules/accounts/calendar.nix>`](#)

accounts.calendar.accounts.<name>.local

Local configuration for the calendar.

Type: null or (submodule)

Default: null

Declared by:

[<home-manager/modules/accounts/calendar.nix>](#)

accounts.calendar.accounts.<name>.local.encoding

File encoding for items, both content and file name. Defaults to UTF-8.

Type: null or string

Default: null

Declared by:

[<home-manager/modules/accounts/calendar.nix>](#)

accounts.calendar.accounts.<name>.local.fileExt

The file extension to use.

Type: null or string

Default: null

Declared by:

[<home-manager/modules/accounts/calendar.nix>](#)

accounts.calendar.accounts.<name>.local.path

The path of the storage.

Type: string

Default: "<accounts.calendar.basePath>/<name>"

Declared by:

[<home-manager/modules/accounts/calendar.nix>](#)

accounts.calendar.accounts.<name>.local.type

The type of the storage.

Type: one of “filesystem”, “singlefile”

Declared by:

[`<home-manager/modules/accounts/calendar.nix>`](#)

[`accounts.calendar.accounts.<name>.name`](#)

Unique identifier of the calendar. This is set to the attribute name of the calendar configuration.

Type: string (*read only*)

Declared by:

[`<home-manager/modules/accounts/calendar.nix>`](#)

[`accounts.calendar.accounts.<name>.primary`](#)

Whether this is the primary account. Only one account may be set as primary.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/accounts/calendar.nix>`](#)

[`accounts.calendar.accounts.<name>.primaryCollection`](#)

The primary collection of the account. Required when an account has multiple collections.

Type: string

Declared by:

[`<home-manager/modules/accounts/calendar.nix>`](#)

[`accounts.calendar.accounts.<name>.qcal.enable`](#)

Whether to enable qcal access.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/qcal.nix>`](#)

accounts.calendar.accounts.<name>.remote

Remote configuration for the calendar.

Type: null or (submodule)

Default: null

Declared by:

[<home-manager/modules/accounts/calendar.nix>](#)

accounts.calendar.accounts.<name>.remote.passwordCommand

A command that prints the password to standard output.

Type: null or (list of string)

Default: null

Example:

```
[  
  "pass"  
  "caldav"  
]
```

Declared by:

[<home-manager/modules/accounts/calendar.nix>](#)

accounts.calendar.accounts.<name>.remote.type

The type of the storage.

Type: one of “caldav”, “http”, “google_calendar”

Declared by:

[<home-manager/modules/accounts/calendar.nix>](#)

accounts.calendar.accounts.<name>.remote.url

The URL of the storage.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/accounts/calendar.nix>`](#)

`accounts.calendar.accounts.<name>.remote.userName`

User name for authentication.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/accounts/calendar.nix>`](#)

`accounts.calendar.accounts.<name>.vdirsynchronizer.enable`

Whether to enable synchronization using vdirsynchronizer.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/accounts/calendar.nix>`](#)

`accounts.calendar.accounts.<name>.vdirsynchronizer.auth`

Authentication settings. The default is basic.

Type: null or one of “basic”, “digest”, “guess”

Default: null

Declared by:

[`<home-manager/modules/accounts/calendar.nix>`](#)

`accounts.calendar.accounts.<name>.vdirsynchronizer.authCert`

Either a path to a certificate with a client certificate and the key or a list of paths to the files with them.

Type: null or string or list of string

Default: null

Declared by:

[`<home-manager/modules/accounts/calendar.nix>`](#)

[`accounts.calendar.accounts.<name>.vdirsyncer.clientIdCommand`](#)

A command that prints the OAuth credentials to standard output.

See <https://vdirsyncer.pimutils.org/en/stable/config.html#google> for more information.

Type: null or (list of string)

Default: null

Example:

```
[  
  "pass"  
  "client_id"  
]
```

Declared by:

[`<home-manager/modules/accounts/calendar.nix>`](#)

[`accounts.calendar.accounts.<name>.vdirsyncer.clientSecretCommand`](#)

A command that prints the OAuth credentials to standard output.

See <https://vdirsyncer.pimutils.org/en/stable/config.html#google> for more information.

Type: null or (list of string)

Default: null

Example:

```
[  
  "pass"  
  "client_secret"  
]
```

Declared by:

[`<home-manager/modules/accounts/calendar.nix>`](#)

accounts.calendar.accounts.<name>.vdirsyncer.collections

The collections to synchronize between the storages.

Type: null or (list of (string or list of string))

Default: null

Declared by:

[<home-manager/modules/accounts/calendar.nix>](#)

accounts.calendar.accounts.<name>.vdirsyncer.conflictResolution

What to do in case of a conflict between the storages. Either remote wins or local wins or a list that contains a command to run. By default, an error message is printed.

Type: null or one of “remote wins”, “local wins” or list of string

Default: null

Declared by:

[<home-manager/modules/accounts/calendar.nix>](#)

accounts.calendar.accounts.<name>.vdirsyncer.itemTypes

Kinds of items to show. The default is to show everything. This depends on particular features of the server, the results are not validated.

Type: null or (list of string)

Default: null

Declared by:

[<home-manager/modules/accounts/calendar.nix>](#)

accounts.calendar.accounts.<name>.vdirsyncer.metadata

Metadata keys that should be synchronized when vdirsyncer metasync is executed.

Type: list of string

Default: []

Example:

```
[  
  "color"
```

```
  "displayname"  
]
```

Declared by:

[`<home-manager/modules/accounts/calendar.nix>`](#)

`accounts.calendar.accounts.<name>.vdirsyncer.partialSync`

What should happen if synchronization in one direction is impossible due to one storage being read-only. Defaults to revert.

See <https://vdirsyncer.pimutils.org/en/stable/config.html#pair-section> for more information.

Type: null or one of “revert”, “error”, “ignore”

Default: null

Declared by:

[`<home-manager/modules/accounts/calendar.nix>`](#)

`accounts.calendar.accounts.<name>.vdirsyncer.postHook`

Command to call for each item creation and modification. The command will be called with the path of the new/updated file.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[`<home-manager/modules/accounts/calendar.nix>`](#)

`accounts.calendar.accounts.<name>.vdirsyncer.timeRange`

A time range to synchronize. start and end can be any Python expression that returns a `datetime.datetime` object.

Type: null or (submodule)

Default: null

Example:

```
{  
    end = "datetime.now() + timedelta(days=365)";
```

```
    start = "datetime.now() - timedelta(days=365)";  
}
```

Declared by:

[`<home-manager/modules/accounts/calendar.nix>`](#)

`accounts.calendar.accounts.<name>.vdirsyncer.timeRange.end`

End of time range to show.

Type: string

Declared by:

[`<home-manager/modules/accounts/calendar.nix>`](#)

`accounts.calendar.accounts.<name>.vdirsyncer.timeRange.start`

Start of time range to show.

Type: string

Declared by:

[`<home-manager/modules/accounts/calendar.nix>`](#)

`accounts.calendar.accounts.<name>.vdirsyncer.tokenFile`

A file path where access tokens are stored.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/accounts/calendar.nix>`](#)

`accounts.calendar.accounts.<name>.vdirsyncer.userAgent`

The user agent to report to the server. Defaults to vdirsyncer.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/accounts/calendar.nix>`](#)

[accounts.calendar.accounts.<name>.vdirsyncer.verify](#)

Verify SSL certificate.

Type: null or boolean

Default: null

Declared by:

[<home-manager/modules/accounts/calendar.nix>](#)

[accounts.calendar.accounts.<name>.vdirsyncer.verifyFingerprint](#)

Optional. SHA1 or MD5 fingerprint of the expected server certificate.

See <https://vdirsyncer.pimutils.org/en/stable/ssl-tutorial.html#ssl-tutorial> for more information.

Type: null or string

Default: null

Declared by:

[<home-manager/modules/accounts/calendar.nix>](#)

[accounts.calendar.basePath](#)

The base directory in which to save calendars. May be a relative path, in which case it is relative the home directory.

Type: string

Declared by:

[<home-manager/modules/accounts/calendar.nix>](#)

[accounts.contact.accounts](#)

List of contacts.

Type: attribute set of (submodule)

Default: { }

Declared by:

[<home-manager/modules/programs/khard.nix>](#)

[<home-manager/modules/accounts/contacts.nix>](#)

[accounts.contact.accounts.<name>.khal.enable](#)

Whether to enable khal access.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/accounts/contacts.nix>`](#)

`accounts.contact.accounts.<name>.khal.readOnly`

Keep khal from making any changes to this account.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/accounts/contacts.nix>`](#)

`accounts.contact.accounts.<name>.khard.enable`

Whether to enable khard access.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/khard.nix>`](#)

`accounts.contact.accounts.<name>.local`

Local configuration for the contacts.

Type: null or (submodule)

Default: null

Declared by:

[`<home-manager/modules/accounts/contacts.nix>`](#)

`accounts.contact.accounts.<name>.local.encoding`

File encoding for items, both content and file name. Defaults to UTF-8.

Type: null or string

Default: null

Declared by:

[<home-manager/modules/accounts/contacts.nix>](#)

accounts.contact.accounts.<name>.local.fileExt

The file extension to use.

Type: null or string

Default: null

Declared by:

[<home-manager/modules/accounts/contacts.nix>](#)

accounts.contact.accounts.<name>.local.path

The path of the storage.

Type: string

Default: "<accounts.contact.basePath>/<name>"

Declared by:

[<home-manager/modules/accounts/contacts.nix>](#)

accounts.contact.accounts.<name>.local.type

The type of the storage.

Type: one of "filesystem", "singlefile"

Declared by:

[<home-manager/modules/accounts/contacts.nix>](#)

accounts.contact.accounts.<name>.name

Unique identifier of the contact account. This is set to the attribute name of the contact configuration.

Type: string (*read only*)

Declared by:

<home-manager/modules/accounts/contacts.nix>accounts.contact.accounts.<name>.remote

Remote configuration for the contacts.

Type: null or (submodule)

Default: null

Declared by:

<home-manager/modules/accounts/contacts.nix>accounts.contact.accounts.<name>.remote.passwordCommand

A command that prints the password to standard output.

Type: null or (list of string)

Default: null

Example:

```
[  
  "pass"  
  "caldav"  
]
```

Declared by:

<home-manager/modules/accounts/contacts.nix>accounts.contact.accounts.<name>.remote.type

The type of the storage.

Type: one of “carddav”, “http”, “google_contacts”

Declared by:

<home-manager/modules/accounts/contacts.nix>accounts.contact.accounts.<name>.remote.url

The URL of the storage.

Type: null or string

Default: null

Declared by:

[<home-manager/modules/accounts/contacts.nix>](#)

accounts.contact.accounts.<name>.remote.userName

User name for authentication.

Type: null or string

Default: null

Declared by:

[<home-manager/modules/accounts/contacts.nix>](#)

accounts.contact.accounts.<name>.vdirsyncer.enable

Whether to enable synchronization using vdirsyncer.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/accounts/contacts.nix>](#)

accounts.contact.accounts.<name>.vdirsyncer.auth

Authentication settings. The default is basic.

Type: null or one of “basic”, “digest”, “guess”

Default: null

Declared by:

[<home-manager/modules/accounts/contacts.nix>](#)

accounts.contact.accounts.<name>.vdirsyncer.authCert

Either a path to a certificate with a client certificate and the key or a list of paths to the files with them.

Type: null or string or list of string

Default: null

Declared by:

[`<home-manager/modules/accounts/contacts.nix>`](#)

[`accounts.contact.accounts.<name>.vdirsyncer.clientIdCommand`](#)

A command that prints the OAuth credentials to standard output.

See <https://vdirsyncer.pimutils.org/en/stable/config.html#google> for more information.

Type: null or (list of string)

Default: null

Example:

```
[  
  "pass"  
  "client_id"  
]
```

Declared by:

[`<home-manager/modules/accounts/contacts.nix>`](#)

[`accounts.contact.accounts.<name>.vdirsyncer.clientSecretCommand`](#)

A command that prints the OAuth credentials to standard output.

See <https://vdirsyncer.pimutils.org/en/stable/config.html#google> for more information.

Type: null or (list of string)

Default: null

Example:

```
[  
  "pass"  
  "client_secret"  
]
```

Declared by:

[`<home-manager/modules/accounts/contacts.nix>`](#)[`accounts.contact.accounts.<name>.vdirsyncer.collections`](#)

The collections to synchronize between the storages.

Type: null or (list of (string or list of string))

Default: null

Declared by:

[`<home-manager/modules/accounts/contacts.nix>`](#)[`accounts.contact.accounts.<name>.vdirsyncer.conflictResolution`](#)

What to do in case of a conflict between the storages. Either remote wins or local wins or a list that contains a command to run. By default, an error message is printed.

Type: null or one of “remote wins”, “local wins” or list of string

Default: null

Declared by:

[`<home-manager/modules/accounts/contacts.nix>`](#)[`accounts.contact.accounts.<name>.vdirsyncer.itemTypes`](#)

Kinds of items to show. The default is to show everything. This depends on particular features of the server, the results are not validated.

Type: null or (list of string)

Default: null

Declared by:

[`<home-manager/modules/accounts/contacts.nix>`](#)[`accounts.contact.accounts.<name>.vdirsyncer.metadata`](#)

Metadata keys that should be synchronized when vdirsyncer metasync is executed.

Type: list of string

Default: []

Example:

```
[  
  "color"  
  "displayname"  
]
```

Declared by:

[`<home-manager/modules/accounts/contacts.nix>`](#)

[`accounts.contact.accounts.<name>.vdirsyncer.partialSync`](#)

What should happen if synchronization in one direction is impossible due to one storage being read-only. Defaults to revert.

See <https://vdirsyncer.pimutils.org/en/stable/config.html#pair-section> for more information.

Type: null or one of “revert”, “error”, “ignore”

Default: null

Declared by:

[`<home-manager/modules/accounts/contacts.nix>`](#)

[`accounts.contact.accounts.<name>.vdirsyncer.postHook`](#)

Command to call for each item creation and modification. The command will be called with the path of the new/updated file.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[`<home-manager/modules/accounts/contacts.nix>`](#)

[`accounts.contact.accounts.<name>.vdirsyncer.timeRange`](#)

A time range to synchronize. start and end can be any Python expression that returns a `datetime.datetime` object.

Type: null or (submodule)

Default: null

Example:

```
{  
    end = "datetime.now() + timedelta(days=365)";  
    start = "datetime.now() - timedelta(days=365)";  
}
```

Declared by:

[`<home-manager/modules/accounts/contacts.nix>`](#)

[`accounts.contact.accounts.<name>.vdirsyncer.timeRange.end`](#)

End of time range to show.

Type: string

Declared by:

[`<home-manager/modules/accounts/contacts.nix>`](#)

[`accounts.contact.accounts.<name>.vdirsyncer.timeRange.start`](#)

Start of time range to show.

Type: string

Declared by:

[`<home-manager/modules/accounts/contacts.nix>`](#)

[`accounts.contact.accounts.<name>.vdirsyncer.tokenFile`](#)

A file path where access tokens are stored.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/accounts/contacts.nix>`](#)

[`accounts.contact.accounts.<name>.vdirsyncer.userAgent`](#)

The user agent to report to the server. Defaults to vdirsyncer.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/accounts/contacts.nix>`](#)

`accounts.contact.accounts.<name>.vdirsyncer.verify`

Verify SSL certificate.

Type: null or boolean

Default: null

Declared by:

[`<home-manager/modules/accounts/contacts.nix>`](#)

`accounts.contact.accounts.<name>.vdirsyncer.verifyFingerprint`

Optional. SHA1 or MD5 fingerprint of the expected server certificate.

See <https://vdirsyncer.pimutils.org/en/stable/ssl-tutorial.html#ssl-tutorial> for more information.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/accounts/contacts.nix>`](#)

`accounts.contact.basePath`

The base directory in which to save contacts. May be a relative path, in which case it is relative the home directory.

Type: string

Declared by:

[`<home-manager/modules/accounts/contacts.nix>`](#)

`accounts.email.accounts`

List of email accounts.

Type: attribute set of (submodule)

Default: { }

Declared by:

[`<home-manager/modules/services/imapnotify.nix>`](#)
[`<home-manager/modules/programs/thunderbird.nix>`](#)
[`<home-manager/modules/programs/offlineimap.nix>`](#)
[`<home-manager/modules/programs/notmuch.nix>`](#)
[`<home-manager/modules/programs/neomutt.nix>`](#)
[`<home-manager/modules/programs/mujmap.nix>`](#)
[`<home-manager/modules/programs/mu.nix>`](#)
[`<home-manager/modules/programs/msmtp.nix>`](#)
[`<home-manager/modules/programs/mbsync.nix>`](#)
[`<home-manager/modules/programs/lieer.nix>`](#)
[`<home-manager/modules/programs/himalaya.nix>`](#)
[`<home-manager/modules/programs/getmail.nix>`](#)
[`<home-manager/modules/programs/astroid.nix>`](#)
[`<home-manager/modules/programs/alot.nix>`](#)
[`<home-manager/modules/programs/aerc.nix>`](#)
[`<home-manager/modules/accounts/email.nix>`](#)

accounts.email.accounts.<name>.address

The email address of this account.

Type: string matching the pattern `.*@.*`

Example: "jane.doe@example.org"

Declared by:

[`<home-manager/modules/accounts/email.nix>`](#)

accounts.email.accounts.<name>.aerc.enable

Whether to enable aerc.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/aerc.nix>`](#)

accounts.email.accounts.<name>.aerc.extraAccounts

Extra config added to the configuration section for this account in `$HOME/.config`

/aerc/accounts.conf. See aerc-accounts(5).

Type: attribute set of (values (null, bool, int, string, or float) or a list of values, that will be joined with a comma)

Default: { }

Example: { source = "maildir://~/Maildir/example"; }

Declared by:

[<home-manager/modules/programs/aerc.nix>](#)

accounts.email.accounts.<name>.aerc.extraBinds

Extra bindings specific to this account, added to \$HOME/.config/aerc/binds.conf. See aerc-binds(5).

Type: attribute set of attribute set of (values (null, bool, int, string, or float) or a list of values, that will be joined with a comma)

Default: { }

Example: { messages = { d = ":move \${folder.trash}<Enter>"; }; }

Declared by:

[<home-manager/modules/programs/aerc.nix>](#)

accounts.email.accounts.<name>.aerc.extraConfig

Config specific to this account, added to \$HOME/.config/aerc/aerc.conf. Aerc only supports per-account UI configuration. For other sections of \$HOME/.config/aerc/aerc.conf, use programs.aerc.extraConfig. See aerc-config(5).

Type: attribute set of attribute set of (values (null, bool, int, string, or float) or a list of values, that will be joined with a comma)

Default: { }

Example: { ui = { sidebar-width = 25; }; }

Declared by:

[<home-manager/modules/programs/aerc.nix>](#)

accounts.email.accounts.<name>.aerc imapAuth

Sets the authentication mechanism if imap is used as the incoming method. See aerc-imap(5).

Type: null or one of “oauthbearer”, “xoauth2”

Default: null

Example: "auth"

Declared by:

[`<home-manager/modules/programs/aerc.nix>`](#)

[`accounts.email.accounts.<name>.aerc imap0auth2Params`](#)

Sets the oauth2 params if authentication mechanism oauthbearer or xoauth2 is used. See `aerc-imap(5)`.

Type: null or (submodule)

Default: null

Example:

```
{  
  token_endpoint = "<token_endpoint>";  
}
```

Declared by:

[`<home-manager/modules/programs/aerc.nix>`](#)

[`accounts.email.accounts.<name>.aerc imap0auth2Params.client_id`](#)

The OAuth2 client identifier.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/programs/aerc.nix>`](#)

[`accounts.email.accounts.<name>.aerc imap0auth2Params.client_secret`](#)

The OAuth2 client secret.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/programs/aerc.nix>`](#)[`accounts.email.accounts.<name>.aerc imap0auth2Params.scope`](#)

The OAuth2 requested scope.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/programs/aerc.nix>`](#)[`accounts.email.accounts.<name>.aerc imap0auth2Params.token_endpoint`](#)

The OAuth2 token endpoint.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/programs/aerc.nix>`](#)[`accounts.email.accounts.<name>.aerc.smtpAuth`](#)

Sets the authentication mechanism if smtp is used as the outgoing method. See aerc-smtp(5).

Type: null or one of "none", "plain", "login", "oauthbearer", "xoauth2"

Default: "plain"

Example: "auth"

Declared by:

[`<home-manager/modules/programs/aerc.nix>`](#)[`accounts.email.accounts.<name>.aerc.smtp0auth2Params`](#)

Sets the oauth2 params if authentication mechanism oauthbearer or xoauth2 is used. See aerc-imap(5).

Type: null or (submodule)

Default: null

Example:

```
{  
    token_endpoint = "<token_endpoint>";  
}
```

Declared by:

[<home-manager/modules/programs/aerc.nix>](#)

[accounts.email.accounts.<name>.aerc.smtpOAuth2Params.client_id](#)

The OAuth2 client identifier.

Type: null or string

Default: null

Declared by:

[<home-manager/modules/programs/aerc.nix>](#)

[accounts.email.accounts.<name>.aerc.smtpOAuth2Params.client_secret](#)

The OAuth2 client secret.

Type: null or string

Default: null

Declared by:

[<home-manager/modules/programs/aerc.nix>](#)

[accounts.email.accounts.<name>.aerc.smtpOAuth2Params.scope](#)

The OAuth2 requested scope.

Type: null or string

Default: null

Declared by:

[<home-manager/modules/programs/aerc.nix>](#)

[accounts.email.accounts.<name>.aerc.smtpOAuth2Params.token_endpoint](#)

The OAuth2 token endpoint.

Type: null or string

Default: null

Declared by:

[<home-manager/modules/programs/aerc.nix>](#)

[accounts.email.accounts.<name>.aliases](#)

Alternative email addresses of this account.

Type: list of string matching the pattern .*@.*

Default: []

Example:

```
[  
  "webmaster@example.org"  
  "admin@example.org"  
]
```

Declared by:

[<home-manager/modules/accounts/email.nix>](#)

[accounts.email.accounts.<name>.alot.contactCompletion](#)

Contact completion configuration as expected per alot. See [alot's wiki](#) for explanation about possible values.

Type: attribute set of string

Default:

```
{  
  command = "'${pkgs.notmuch}/bin/notmuch address --format=json --output=recipient'";  
  regexp = "'\\{\"name\": \"(?P<name>.*)\", \"address\": \"(?P<email>.+)\"}'";  
  shellcommand_external_filtering = "False";  
  type = "shellcommand";  
}
```

Example:

```
{  
    type = "shellcommand";  
    command = "abook --mutt-query";  
    regexp = "'^(?P<email>[^@]+@[^\t]+)\t+(?P<name>[^^\t]+)'";  
    ignorecase = "True";  
}
```

Declared by:

[<home-manager/modules/programs/alot.nix>](#)

accounts.email.accounts.<name>.alot.extraConfig

Extra settings to add to this Alot account configuration.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[<home-manager/modules/programs/alot.nix>](#)

accounts.email.accounts.<name>.alot.sendMailCommand

Command to send a mail. If msmtplib is enabled for the account, then this is set to **msmtplib --read-envelope-from --read-recipients**.

Type: null or string

Declared by:

[<home-manager/modules/programs/alot.nix>](#)

accounts.email.accounts.<name>.astroid.enable

Whether to enable Astroid.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/astroid.nix>](#)

accounts.email.accounts.<name>.astroid.extraConfig

Extra settings to add to this astroid account configuration.

Type: attribute set of anything

Default: { }

Example:

```
{  
    select_query = "";  
}
```

Declared by:

[<home-manager/modules/programs/astroid.nix>](#)

accounts.email.accounts.<name>.astroid.sendMailCommand

Command to send a mail. If msmtplib is enabled for the account, then this is set to **msmtplib --read-envelope-from --read-recipients**.

Type: string

Declared by:

[<home-manager/modules/programs/astroid.nix>](#)

accounts.email.accounts.<name>.flavor

Some email providers have peculiar behavior that require special treatment. This option is therefore intended to indicate the nature of the provider.

When this indicates a specific provider then, for example, the IMAP, SMTP, and JMAP server configuration may be set automatically.

Type: one of “plain”, “gmail.com”, “runbox.com”, “fastmail.com”, “yandex.com”, “outlook.office365.com”

Default: "plain"

Declared by:

[<home-manager/modules/accounts/email.nix>](#)

accounts.email.accounts.<name>.folders

Standard email folders.

Type: submodule

Default: { }

Declared by:

[<home-manager/modules/accounts/email.nix>](#)

accounts.email.accounts.<name>.folders.drafts

Relative path of the drafts mail folder.

Type: null or string

Default: "Drafts"

Declared by:

[<home-manager/modules/accounts/email.nix>](#)

accounts.email.accounts.<name>.folders.inbox

Relative path of the inbox mail.

Type: string

Default: "Inbox"

Declared by:

[<home-manager/modules/accounts/email.nix>](#)

accounts.email.accounts.<name>.folders.sent

Relative path of the sent mail folder.

Type: null or string

Default: "Sent"

Declared by:

[<home-manager/modules/accounts/email.nix>](#)

accounts.email.accounts.<name>.folders.trash

Relative path of the deleted mail folder.

Type: string

Default: "Trash"

Declared by:

[<home-manager/modules/accounts/email.nix>](#)

accounts.email.accounts.<name>.getmail.enable

Whether to enable the getmail mail retriever for this account.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/getmail.nix>](#)

accounts.email.accounts.<name>.getmail.delete

Enable if you want to delete read messages from the server. Most users should either enable delete or disable readAll.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/programs/getmail.nix>](#)

accounts.email.accounts.<name>.getmail.destinationCommand

Specify a command delivering the incoming mail to your maildir.

Type: null or string

Default: null

Example: "\\${pkgs.maildrop}/bin/maildrop"

Declared by:

[<home-manager/modules/programs/getmail.nix>](#)

accounts.email.accounts.<name>.getmail.mailboxes

A non-empty list of mailboxes. To download all mail you can use the ALL mailbox.

Type: non-empty (list of string)

Default: []

Example:

```
[  
  "INBOX"  
  "INBOX.spam"  
]
```

Declared by:

[<home-manager/modules/programs/getmail.nix>](#)

[accounts.email.accounts.<name>.getmail.readAll](#)

Enable if you want to fetch all, even the read messages from the server. Most users should either enable delete or disable readAll.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/getmail.nix>](#)

[accounts.email.accounts.<name>.gpg](#)

GPG configuration.

Type: null or (submodule)

Default: null

Declared by:

[<home-manager/modules/accounts/email.nix>](#)

[accounts.email.accounts.<name>.gpg.encryptByDefault](#)

Encrypt outgoing messages by default.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/accounts/email.nix>`](#)[`accounts.email.accounts.<name>.gpg.key`](#)

The key to use as listed in `gpg --list-keys`.

Type: string

Declared by:

[`<home-manager/modules/accounts/email.nix>`](#)[`accounts.email.accounts.<name>.gpg.signByDefault`](#)

Sign messages by default.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/accounts/email.nix>`](#)[`accounts.email.accounts.<name>.himalaya.enable`](#)

Whether to enable Himalaya for this email account.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/himalaya.nix>`](#)[`accounts.email.accounts.<name>.himalaya.backend`](#)

Specifying `accounts.email.accounts.*.himalaya.backend` is deprecated, set `accounts.email.accounts.*.himalaya.settings.backend` instead.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/programs/himalaya.nix>`](#)

accounts.email.accounts.<name>.himalaya.sender

Specifying accounts.email.accounts.*.himalaya.sender is deprecated, set {option}`accounts.email.accounts.*.himalaya.settings.sender` instead.

Type: null or string

Declared by:

[<home-manager/modules/programs/himalaya.nix>](#)

accounts.email.accounts.<name>.himalaya.settings

Himalaya configuration for this email account. See <https://pimalaya.org/himalaya/cli/configuration/account.html> for supported values.

Type: TOML value

Default: { }

Declared by:

[<home-manager/modules/programs/himalaya.nix>](#)

accounts.email.accounts.<name>.imap

The IMAP configuration to use for this account.

Type: null or (submodule)

Default: null

Declared by:

[<home-manager/modules/accounts/email.nix>](#)

accounts.email.accounts.<name>.imap.host

Hostname of IMAP server.

Type: string

Example: "imap.example.org"

Declared by:

[<home-manager/modules/accounts/email.nix>](#)

accounts.email.accounts.<name>.imap.port

The port on which the IMAP server listens. If null then the default port is used.

Type: null or 16 bit unsigned integer; between 0 and 65535 (both inclusive)

Default: null

Example: 993

Declared by:

[<home-manager/modules/accounts/email.nix>](#)

accounts.email.accounts.<name>.imap.tls

Configuration for secure connections.

Type: submodule

Default: { }

Declared by:

[<home-manager/modules/accounts/email.nix>](#)

accounts.email.accounts.<name>.imap.tls.enable

Whether to enable TLS/SSL.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/accounts/email.nix>](#)

accounts.email.accounts.<name>.imap.tls.certificatesFile

Path to file containing certificate authorities that should be used to validate the connection authenticity. If null then the system default is used. Note, if set then the system default may still be accepted.

Type: null or path

Default: "config.accounts.email.certificatesFile"

Declared by:

[<home-manager/modules/accounts/email.nix>](#)

accounts.email.accounts.<name>.imap.tls.useStartTls

Whether to use STARTTLS.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/accounts/email.nix>`](#)

`accounts.email.accounts.<name>.imapnotify.enable`

Whether to enable imapnotify.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/imapnotify.nix>`](#)

`accounts.email.accounts.<name>.imapnotify.boxes`

IMAP folders to watch.

Type: list of string

Default: []

Example:

```
[  
  "Inbox"  
  "[Gmail]/MyLabel"  
]
```

Declared by:

[`<home-manager/modules/services/imapnotify.nix>`](#)

`accounts.email.accounts.<name>.imapnotify.extraConfig`

Additional configuration to add for this account.

Type: JSON value

Default: { }

Example:

```
{  
  wait = 10;  
}
```

Declared by:

[<home-manager/modules/services/imapnotify.nix>](#)

[accounts.email.accounts.<name>.imapnotify.onNotify](#)

Shell commands to run on any event.

Type: string or attribute set of string

Default: ""

Example: "\\${pkgs.isync}/bin/mbsync test-%s"

Declared by:

[<home-manager/modules/services/imapnotify.nix>](#)

[accounts.email.accounts.<name>.imapnotify.onNotifyPost](#)

Shell commands to run after onNotify event.

Type: string or attribute set of string

Default: ""

Example:

```
{  
  mail = "\${pkgs.notmuch}/bin/notmuch new && \${pkgs.libnotify}/bin/notify-send '|  
}
```

Declared by:

[<home-manager/modules/services/imapnotify.nix>](#)

[accounts.email.accounts.<name>.jmap](#)

The JMAP configuration to use for this account.

Type: null or (submodule)

Default: null

Declared by:

[<home-manager/modules/accounts/email.nix>](#)

accounts.email.accounts.<name>.jmap.host

Hostname of JMAP server.

If both this option and [accounts.email.accounts.<name>.jmap.sessionUrl](#) are specified, host is preferred by applications when establishing a session.

Type: null or string

Default: null

Example: "jmap.example.org"

Declared by:

[<home-manager/modules/accounts/email.nix>](#)

accounts.email.accounts.<name>.jmap.sessionUrl

URL for the JMAP Session resource.

If both this option and [accounts.email.accounts.<name>.jmap.host](#) are specified, host is preferred by applications when establishing a session.

Type: null or string

Default: null

Example: "https://jmap.example.org:443/.well-known/jmap"

Declared by:

[<home-manager/modules/accounts/email.nix>](#)

accounts.email.accounts.<name>.lieer.enable

Whether to enable lieer Gmail synchronization for notmuch.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/lieer.nix>](#)

[accounts.email.accounts.<name>.lieer.notmuchSetupWarning](#)

Warn if Notmuch is not also enabled for this account.

This can safely be disabled if **notmuch init** has been used to configure this account outside of Home Manager.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/lieer.nix>](#)

[accounts.email.accounts.<name>.lieer.settings](#)

Settings which are applied to .gmailieer.json for the account.

See the [lieer manual](#) for documentation of settings not explicitly covered by this module.

Type: JSON value

Default: { }

Declared by:

[<home-manager/modules/programs/lieer.nix>](#)

[accounts.email.accounts.<name>.lieer.settings.drop_non_existing_label](#)

Allow missing labels on the Gmail side to be dropped.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/programs/lieer.nix>](#)

[accounts.email.accounts.<name>.lieer.settings.file_extension](#)

Extension to include in local file names, which can be useful for indexing with third-party programs.

Type: string

Default: ""

Example: "mbox"

Declared by:

[`<home-manager/modules/programs/lieer.nix>`](#)

`accounts.email.accounts.<name>.lieer.settings.ignore_empty_history`

Work around a Gmail API quirk where an empty change history is sometimes returned.

See this [GitHub issue](#) for more details.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/programs/lieer.nix>`](#)

`accounts.email.accounts.<name>.lieer.settings.ignore_remote_labels`

Set Gmail labels to ignore when syncing from remote labels to local tags (before translations).

Type: list of string

Default:

```
[  
    "CATEGORY_FORUMS"  
    "CATEGORY_PROMOTIONS"  
    "CATEGORY_UPDATES"  
    "CATEGORY_SOCIAL"  
    "CATEGORY_PERSONAL"  
]
```

Declared by:

[`<home-manager/modules/programs/lieer.nix>`](#)

`accounts.email.accounts.<name>.lieer.settings.ignore_tags`

Set labels to ignore when syncing from local tags to remote labels (after translations).

Type: list of string

Default: []

Declared by:

[<home-manager/modules/programs/lieer.nix>](#)

accounts.email.accounts.<name>.lieer.settings.local_trash_tag

Local tag to which the remote Gmail ‘TRASH’ label is translated.

Type: string

Default: "trash"

Declared by:

[<home-manager/modules/programs/lieer.nix>](#)

accounts.email.accounts.<name>.lieer.settings.remove_local_messages

Remove local messages that have been deleted on the remote.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/lieer.nix>](#)

accounts.email.accounts.<name>.lieer.settings.replace_slash_with_dot

Replace ‘/’ with ‘.’ in Gmail labels.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/programs/lieer.nix>](#)

accounts.email.accounts.<name>.lieer.settings.timeout

HTTP timeout in seconds. 0 means forever or system timeout.

Type: unsigned integer, meaning ≥ 0

Default: 600

Declared by:

[`<home-manager/modules/programs/lieer.nix>`](#)[`accounts.email.accounts.<name>.lieer.sync.enable`](#)

Whether to enable lieer synchronization service.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/lieer.nix>`](#)[`accounts.email.accounts.<name>.lieer.sync.frequency`](#)

How often to synchronize the account.

This value is passed to the systemd timer configuration as the onCalendar option. See [systemd.time\(7\)](#) for more information about the format.

Type: string

Default: "*:0/5"

Declared by:

[`<home-manager/modules/programs/lieer.nix>`](#)[`accounts.email.accounts.<name>.maildir`](#)

Maildir configuration for this account.

Type: null or (submodule)

Default:

```
{  
  path = "\${name}";  
}
```

Declared by:

[`<home-manager/modules/accounts/email.nix>`](#)[`accounts.email.accounts.<name>.maildir.path`](#)

Path to maildir directory where mail for this account is stored. This is relative to the base maildir path.

Type: string

Declared by:

[<home-manager/modules/accounts/email.nix>](#)

[accounts.email.accounts.<name>.mbsync.enable](#)

Whether to enable synchronization using mbsync.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/mbsync.nix>](#)

[accounts.email.accounts.<name>.mbsync.create](#)

Automatically create missing mailboxes within the given mail store.

Type: one of "none", "maildir", "imap", "both"

Default: "none"

Example: "maildir"

Declared by:

[<home-manager/modules/programs/mbsync.nix>](#)

[accounts.email.accounts.<name>.mbsync.expunge](#)

Permanently remove messages marked for deletion from the given mail store.

Type: one of "none", "maildir", "imap", "both"

Default: "none"

Example: "both"

Declared by:

[<home-manager/modules/programs/mbsync.nix>](#)

[accounts.email.accounts.<name>.mbsync.extraConfig.account](#)

Account section extra configuration.

Type: attribute set of (string or signed integer or boolean or list of string)

Default: { }

Example:

```
{  
  PipelineDepth = 10;  
  Timeout = 60;  
};
```

Declared by:

[<home-manager/modules/programs/mbsync.nix>](#)

accounts.email.accounts.<name>.mbsync.extraConfig.channel

Per channel extra configuration.

Type: attribute set of (string or signed integer or boolean or list of string)

Default: { }

Example:

```
{  
  MaxMessages = 10000;  
  MaxSize = "1m";  
};
```

Declared by:

[<home-manager/modules/programs/mbsync.nix>](#)

accounts.email.accounts.<name>.mbsync.extraConfig.local

Local store extra configuration.

Type: attribute set of (string or signed integer or boolean or list of string)

Default: { }

Declared by:

[<home-manager/modules/programs/mbsync.nix>](#)

[accounts.email.accounts.<name>.mbsync.extraConfig.remote](#)

Remote store extra configuration.

Type: attribute set of (string or signed integer or boolean or list of string)

Default: { }

Declared by:

[<home-manager/modules/programs/mbsync.nix>](#)

[accounts.email.accounts.<name>.mbsync.flatten](#)

If set, flattens the hierarchy within the maildir by substituting the canonical hierarchy delimiter / with this value.

Type: null or string

Default: null

Example: ". "

Declared by:

[<home-manager/modules/programs/mbsync.nix>](#)

[accounts.email.accounts.<name>.mbsync.groups](#)

Some email providers (Gmail) have a different directory hierarchy for synchronized email messages. Namely, when using mbsync without specifying a set of channels into a group, all synchronized directories end up beneath the [Gmail]/ directory.

This option allows you to specify a group, and subsequently channels that will allow you to sync your mail into an arbitrary hierarchy.

Type: attribute set of (submodule)

Default: { }

Declared by:

[<home-manager/modules/programs/mbsync.nix>](#)

[accounts.email.accounts.<name>.mbsync.groups.<name>.channels](#)

List of channels that should be grouped together into this group. When performing a synchronization, the groups are synchronized, rather than the individual channels.

Using these channels and then grouping them together allows for you to define the maildir hierarchy as you see fit.

Type: attribute set of (submodule)

Default: { }

Declared by:

[<home-manager/modules/programs/mbsync.nix>](#)

accounts.email.accounts.<name>.mbsync.groups.<name>.channels.<name>.extraConfig

Extra configuration lines to add to *THIS* channel's configuration.

Type: attribute set of (string or signed integer or boolean or list of string)

Default: { }

Example:

```
{  
  Create = "both";  
  CopyArrivalDate = "yes";  
  MaxMessages = 10000;  
  MaxSize = "1m";  
}
```

Declared by:

[<home-manager/modules/programs/mbsync.nix>](#)

accounts.email.accounts.<name>.mbsync.groups.<name>.channels.<name>.farPattern

IMAP4 patterns for which mailboxes on the remote mail server to sync. If Patterns are specified, farPattern is interpreted as a prefix which is not matched against the patterns, and is not affected by mailbox list overrides.

If this is left as the default, then mbsync will default to the pattern INBOX.

Type: string

Default: " "

Example: "[Gmail]/Sent Mail"

Declared by:

[<home-manager/modules/programs/mbsync.nix>](#)

accounts.email.accounts.<name>.mbsync.groups.<name>.channels.<name>.name

The unique name for THIS channel in THIS group. The group will refer to this channel by this name.

In addition, you can manually sync just this channel by specifying this name to mbsync on the command line.

Type: string (*read only*)

Default: "<name>"

Declared by:

[<home-manager/modules/programs/mbsync.nix>](#)

accounts.email.accounts.<name>.mbsync.groups.<name>.channels.<name>.nearPattern

Name for where mail coming from the remote (far) mail server will end up locally. The mailbox specified by the far pattern will be placed in this directory.

If this is left as the default, then mbsync will default to the pattern INBOX.

Type: string

Default: ""

Example: "Sent"

Declared by:

[<home-manager/modules/programs/mbsync.nix>](#)

accounts.email.accounts.<name>.mbsync.groups.<name>.channels.<name>.patterns

Instead of synchronizing *just* the mailboxes that match the farPattern, use it as a prefix which is not matched against the patterns, and is not affected by mailbox list overrides.

Type: list of string

Default: []

Example:

```
[  
  "INBOX"  
]
```

Declared by:

[<home-manager/modules/programs/mbsync.nix>](#)

[accounts.email.accounts.<name>.mbsync.groups.<name>.name](#)

The name of this group for this account. These names are different than some others, because they will hide channel names that are the same.

Type: string (*read only*)

Default: "<name>"

Declared by:

[<home-manager/modules/programs/mbsync.nix>](#)

[accounts.email.accounts.<name>.mbsync.patterns](#)

Pattern of mailboxes to synchronize.

Type: list of string

Default:

```
[  
  "*"  
]
```

Declared by:

[<home-manager/modules/programs/mbsync.nix>](#)

[accounts.email.accounts.<name>.mbsync.remove](#)

Propagate mailbox deletions to the given mail store.

Type: one of "none", "maildir", "imap", "both"

Default: "none"

Example: "imap"

Declared by:

[<home-manager/modules/programs/mbsync.nix>](#)

[accounts.email.accounts.<name>.mbsync.subFolders](#)

The on-disk folder naming style. This option has no effect when `flatten` is used.

Type: one of "Verbatim", "Maildir++", "Legacy"

Default: "Verbatim"

Example: "Maildir++"

Declared by:

[<home-manager/modules/programs/mbsync.nix>](#)

[accounts.email.accounts.<name>.msmtprc.enable](#)

Whether to enable msmtprc.

If enabled then it is possible to use the `--account` command line option to send a message for a given account using the `msmtprc` or `msmtprcq` tool. For example, `msmtprc --account=private` would send using the account defined in `accounts.email.accounts.private`. If the `--account` option is not given then the primary account will be used.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/programs/msmtprc.nix>](#)

[accounts.email.accounts.<name>.msmtprc.extraConfig](#)

Extra configuration options to add to `~/.msmtprc`. See <https://marlam.de/msmtprc/msmtprc.txt> for examples.

Type: attribute set of string

Default: {}

Example:

```
{
```

```
    auth = "login";
}
```

Declared by:

[`<home-manager/modules/programs/msmtp.nix>`](#)

`accounts.email.accounts.<name>.msmtp.tls.fingerprint`

Fingerprint of a trusted TLS certificate. The fingerprint can be obtained by executing `msmtp --serverinfo --tls --tls-certcheck=off`.

Type: null or string matching the pattern `([[alnum:]]{2}:){2}[[alnum:]]{2}`

Default: null

Example: "my:SH:a2:56:ha:sh"

Declared by:

[`<home-manager/modules/programs/msmtp.nix>`](#)

`accounts.email.accounts.<name>.mu.enable`

Whether to enable mu indexing.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/mu.nix>`](#)

`accounts.email.accounts.<name>.mujmap.enable`

Whether to enable mujmap JMAP synchronization for notmuch.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/mujmap.nix>`](#)

accounts.email.accounts.<name>.mujmap.notmuchSetupWarning

Warn if Notmuch is not also enabled for this account.

This can safely be disabled if `mujmap.toml` is managed outside of Home Manager.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/mujmap.nix>`](#)

accounts.email.accounts.<name>.mujmap.settings

Settings which are applied to `mujmap.toml` for the account.

See the [mujmap project](#) for documentation of settings not explicitly covered by this module.

Type: TOML value

Default: { }

Declared by:

[`<home-manager/modules/programs/mujmap.nix>`](#)

accounts.email.accounts.<name>.mujmap.settings.auto_create_new_mailboxes

Whether to create new mailboxes automatically on the server from notmuch tags.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/mujmap.nix>`](#)

accounts.email.accounts.<name>.mujmap.settings.cache_dir

The cache directory in which to store mail files while they are being downloaded. The default is operating-system specific.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/programs/mujmap.nix>`](#)

[accounts.email.accounts.<name>.mujmap.settings.fqdn](#)

Fully qualified domain name of the JMAP service.

mujmap looks up the JMAP SRV record for this host to determine the JMAP session URL.

Mutually exclusive with [accounts.email.accounts.<name>.mujmap.settings.session_url](#).

If null, defaults to [accounts.email.accounts.<name>.jmap.host](#).

Type: null or string

Default: null

Example: "example.com"

Declared by:

[<home-manager/modules/programs/mujmap.nix>](#)

[accounts.email.accounts.<name>.mujmap.settings.password_command](#)

Shell command which will print a password to stdout for basic HTTP authentication.

If null, defaults to [accounts.email.accounts.<name>.passwordCommand](#).

Type: null or string or list of string

Default: null

Example: "pass alice@example.com"

Declared by:

[<home-manager/modules/programs/mujmap.nix>](#)

[accounts.email.accounts.<name>.mujmap.settings.session_url](#)

Session URL to connect to.

Mutually exclusive with [accounts.email.accounts.<name>.mujmap.settings.fqdn](#).

If null, defaults to [accounts.email.accounts.<name>.jmap.sessionUrl](#).

Type: null or string

Default: null

Example: "https://jmap.example.com/.well-known/jmap"

Declared by:

[<home-manager/modules/programs/mujmap.nix>](#)

accounts.email.accounts.<name>.mujmap.settings.tags

Tag configuration.

Beware that there are quirks that require manual consideration if changing the values of these files; please see <https://github.com/elizagamedev/mujmap/blob/main/mujmap.toml.example> for more details.

Type: TOML value

Default: { }

Declared by:

[<home-manager/modules/programs/mujmap.nix>](#)

accounts.email.accounts.<name>.mujmap.settings.tags.deleted

Tag for notmuch to use for messages stored in the mailbox labeled with the `Trash` name attribute.

If set to an empty string, this mailbox *and its child mailboxes* are not synchronized with a tag.

Type: string

Default: "deleted"

Declared by:

[<home-manager/modules/programs/mujmap.nix>](#)

accounts.email.accounts.<name>.mujmap.settings.tags.directory_separator

Directory separator for mapping notmuch tags to maildirs.

Type: string

Default: "/"

Example: ". ."

Declared by:

[<home-manager/modules/programs/mujmap.nix>](#)

accounts.email.accounts.<name>.mujmap.settings.tags.important

Tag for notmuch to use for messages stored in the mailbox labeled with the `Important` name attribute and/or with the `$Important` keyword.

If set to an empty string, this mailbox, *its child mailboxes*, and these keywords are not synchronized with a tag.

Type: string

Default: "important"

Declared by:

[`<home-manager/modules/programs/mujmap.nix>`](#)

`accounts.email.accounts.<name>.mujmap.settings.tags.inbox`

Tag for notmuch to use for messages stored in the mailbox labeled with the Inbox name attribute.

If set to an empty string, this mailbox *and its child mailboxes* are not synchronized with a tag.

Type: string

Default: "inbox"

Declared by:

[`<home-manager/modules/programs/mujmap.nix>`](#)

`accounts.email.accounts.<name>.mujmap.settings.tags.lowercase`

If true, translate all mailboxes to lowercase names when mapping to notmuch tags.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/programs/mujmap.nix>`](#)

`accounts.email.accounts.<name>.mujmap.settings.tags.phishing`

Tag for notmuch to use for the IANA \$Phishing keyword.

If set to an empty string, this keyword is not synchronized with a tag.

Type: string

Default: "phishing"

Declared by:

[`<home-manager/modules/programs/mujmap.nix>`](#)

`accounts.email.accounts.<name>.mujmap.settings.tags.sent`

Tag for notmuch to use for messages stored in the mailbox labeled with the Sent name attribute.

If set to an empty string, this mailbox *and its child mailboxes* are not synchronized with a tag.

Type: string

Default: "sent"

Declared by:

[<home-manager/modules/programs/mujmap.nix>](#)

[accounts.email.accounts.<name>.mujmap.settings.tags.spam](#)

Tag for notmuch to use for messages stored in the mailbox labeled with the `Junk` name attribute and/or with the `$Junk` keyword, *except* for messages with the `$NotJunk` keyword.

If set to an empty string, this mailbox, *its child mailboxes*, and these keywords are not synchronized with a tag.

Type: string

Default: "spam"

Declared by:

[<home-manager/modules/programs/mujmap.nix>](#)

[accounts.email.accounts.<name>.mujmap.settings.username](#)

Username for basic HTTP authentication.

If null, defaults to [accounts.email.accounts.<name>.userName](#).

Type: null or string

Default: null

Example: "alice@example.com"

Declared by:

[<home-manager/modules/programs/mujmap.nix>](#)

[accounts.email.accounts.<name>.name](#)

Unique identifier of the account. This is set to the attribute name of the account configuration.

Type: string (*read only*)

Declared by:

[<home-manager/modules/accounts/email.nix>](#)

accounts.email.accounts.<name>.neomutt.enable

Whether to enable NeoMutt.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/neomutt.nix>](#)

accounts.email.accounts.<name>.neomutt.extraConfig

Extra lines to add to the folder hook for this account.

Type: strings concatenated with “\n”

Default: " "

Example: "color status cyan default"

Declared by:

[<home-manager/modules/programs/neomutt.nix>](#)

accounts.email.accounts.<name>.neomutt.extraMailboxes

List of extra mailboxes

Type: list of (string or (submodule))

Default: []

Declared by:

[<home-manager/modules/programs/neomutt.nix>](#)

accounts.email.accounts.<name>.neomutt.mailboxName

Use a different name as mailbox name

Type: null or string

Default: null

Example: "==== <mailbox-name> ==="

Declared by:

[`<home-manager/modules/programs/neomutt.nix>`](#)[`accounts.email.accounts.<name>.neomutt.sendMailCommand`](#)

Command to send a mail. If not set, neomutt will be in charge of sending mails.

Type: null or string

Default:

```
if config.msmtplib.enable then
  "msmtplib --read-envelope-from --read-recipients"
else
  null
```

Example: "msmtplib --read-envelope-from --read-recipients"

Declared by:

[`<home-manager/modules/programs/neomutt.nix>`](#)[`accounts.email.accounts.<name>.notmuch.enable`](#)

Whether to enable notmuch indexing.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/notmuch.nix>`](#)[`accounts.email.accounts.<name>.notmuch.neomutt.enable`](#)

Whether to enable Notmuch support in NeoMutt.

Type: boolean

Default: true

Example: true

Declared by:

<home-manager/modules/programs/neomutt.nix>accounts.email.accounts.<name>.notmuch.neomutt.virtualMailboxes

List of virtual mailboxes using Notmuch queries

Type: list of (submodule)

Default:

```
[  
 {  
   name = "My INBOX";  
   query = "tag:inbox";  
 }  
]
```

Example:

```
[  
 {  
   name = "My INBOX";  
   query = "tag:inbox";  
 }  
]
```

Declared by:

<home-manager/modules/programs/neomutt.nix>accounts.email.accounts.<name>.notmuch.neomutt.virtualMailboxes.*.limit

Restricts number of messages/threads in the result.

Type: null or signed integer

Default: null

Example: 10

Declared by:

<home-manager/modules/programs/notmuch-virtual-mailbox.nix>

accounts.email.accounts.<name>.notmuch.neomutt.virtualMailboxes.*.name

Name to display

Type: string

Default: "My INBOX"

Example: "My INBOX"

Declared by:

[<home-manager/modules/programs/notmuch-virtual-mailbox.nix>](#)

accounts.email.accounts.<name>.notmuch.neomutt.virtualMailboxes.*.query

Notmuch query

Type: string

Default: "tag:inbox"

Example: "tag:inbox"

Declared by:

[<home-manager/modules/programs/notmuch-virtual-mailbox.nix>](#)

accounts.email.accounts.<name>.notmuch.neomutt.virtualMailboxes.*.type

Reads all matching messages or whole-threads. The default is 'messages' or nm_query_type.

Type: null or one of "threads", "messages"

Default: null

Example: "threads"

Declared by:

[<home-manager/modules/programs/notmuch-virtual-mailbox.nix>](#)

accounts.email.accounts.<name>.offlineimap.enable

Whether to enable OfflineIMAP.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/offlineimap.nix>`](#)

[`accounts.email.accounts.<name>.offlineimap.extraConfig.account`](#)

Extra configuration options to add to the account section.

Type: attribute set of (string or signed integer or boolean)

Default: { }

Example:

```
{  
    autorefresh = 20;  
}
```

Declared by:

[`<home-manager/modules/programs/offlineimap.nix>`](#)

[`accounts.email.accounts.<name>.offlineimap.extraConfig.local`](#)

Extra configuration options to add to the local account section.

Type: attribute set of (string or signed integer or boolean)

Default: { }

Example:

```
{  
    sync_deletes = true;  
}
```

Declared by:

[`<home-manager/modules/programs/offlineimap.nix>`](#)

[`accounts.email.accounts.<name>.offlineimap.extraConfig.remote`](#)

Extra configuration options to add to the remote account section.

Type: attribute set of (string or signed integer or boolean)

Default: { }

Example:

```
{  
  expunge = false;  
  maxconnections = 2;  
}
```

Declared by:

[<home-manager/modules/programs/offlineimap.nix>](#)

accounts.email.accounts.<name>.offlineimap.postSyncHookCommand

Command to run after fetching new mails.

Type: strings concatenated with “\n”

Default: " "

Declared by:

[<home-manager/modules/programs/offlineimap.nix>](#)

accounts.email.accounts.<name>.passwordCommand

A command, which when run writes the account password on standard output.

Type: null or string or list of string

Default: null

Example: "secret-tool lookup email me@example.org"

Declared by:

[<home-manager/modules/accounts/email.nix>](#)

accounts.email.accounts.<name>.primary

Whether this is the primary account. Only one account may be set as primary.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/accounts/email.nix>`](#)

[`accounts.email.accounts.<name>.realName`](#)

Name displayed when sending mails.

Type: string

Example: "Jane Doe"

Declared by:

[`<home-manager/modules/accounts/email.nix>`](#)

[`accounts.email.accounts.<name>.signature`](#)

Signature configuration.

Type: submodule

Default: { }

Declared by:

[`<home-manager/modules/accounts/email.nix>`](#)

[`accounts.email.accounts.<name>.signature.command`](#)

A command that generates a signature.

Type: null or path

Default: null

Example:

```
pkgs.writeScript "signature" "echo This is my signature"
```

Declared by:

[`<home-manager/modules/accounts/email.nix>`](#)

[`accounts.email.accounts.<name>.signature.delimiter`](#)

The delimiter used between the document and the signature.

Type: string

Default:

```
..  
--  
..
```

Example:

```
~*~*~*~*~*~*~*~*~*~*
```

Declared by:

[<home-manager/modules/accounts/email.nix>](#)

accounts.email.accounts.<name>.signature.showSignature

Method to communicate the signature.

Type: one of “append”, “attach”, “none”

Default: "none"

Declared by:

[<home-manager/modules/accounts/email.nix>](#)

accounts.email.accounts.<name>.signature.text

Signature content.

Type: string

Default: ""

Example:

```
..  
--
```

Luke Skywalker

May the force be with you.

Declared by:

[`<home-manager/modules/accounts/email.nix>`](#)

`accounts.email.accounts.<name>.smtp`

The SMTP configuration to use for this account.

Type: null or (submodule)

Default: null

Declared by:

[`<home-manager/modules/accounts/email.nix>`](#)

`accounts.email.accounts.<name>.smtp.host`

Hostname of SMTP server.

Type: string

Example: "smtp.example.org"

Declared by:

[`<home-manager/modules/accounts/email.nix>`](#)

`accounts.email.accounts.<name>.smtp.port`

The port on which the SMTP server listens. If null then the default port is used.

Type: null or 16 bit unsigned integer; between 0 and 65535 (both inclusive)

Default: null

Example: 465

Declared by:

[`<home-manager/modules/accounts/email.nix>`](#)

`accounts.email.accounts.<name>.smtp.tls`

Configuration for secure connections.

Type: submodule

Default: { }

Declared by:

[`<home-manager/modules/accounts/email.nix>`](#)

[`accounts.email.accounts.<name>.smtp.tls.enable`](#)

Whether to enable TLS/SSL.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/accounts/email.nix>`](#)

[`accounts.email.accounts.<name>.smtp.tls.certificatesFile`](#)

Path to file containing certificate authorities that should be used to validate the connection authenticity. If null then the system default is used. Note, if set then the system default may still be accepted.

Type: null or path

Default: "config.accounts.email.certificatesFile"

Declared by:

[`<home-manager/modules/accounts/email.nix>`](#)

[`accounts.email.accounts.<name>.smtp.tls.useStartTls`](#)

Whether to use STARTTLS.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/accounts/email.nix>`](#)

[`accounts.email.accounts.<name>.thunderbird.enable`](#)

Whether to enable the Thunderbird mail client for this account.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/thunderbird.nix>](#)

[accounts.email.accounts.<name>.thunderbird.perIdentitySettings](#)

Extra settings to add to each identity of this Thunderbird account configuration. The `id` given as argument is an automatically generated identifier.

Type: function that evaluates to a(n) attribute set of (boolean or signed integer or string)

Default: `_ : { }`

Example:

```
id: {  
    "mail.identity.id_${id}.protectSubject" = false;  
    "mail.identity.id_${id}.autoEncryptDrafts" = false;  
};
```

Declared by:

[<home-manager/modules/programs/thunderbird.nix>](#)

[accounts.email.accounts.<name>.thunderbird.profiles](#)

List of Thunderbird profiles for which this account should be enabled. If this list is empty (the default), this account will be enabled for all declared profiles.

Type: list of string

Default: []

Example:

```
[ "profile1" "profile2" ]
```

Declared by:

[<home-manager/modules/programs/thunderbird.nix>](#)

accounts.email.accounts.<name>.thunderbird.settings

Extra settings to add to this Thunderbird account configuration. The `id` given as argument is an automatically generated account identifier.

Type: function that evaluates to a(n) attribute set of (boolean or signed integer or string)

Default: `_ : { }`

Example:

```
id: {
  "mail.server.server_${id}.check_new_mail" = false;
};
```

Declared by:

[<home-manager/modules/programs/thunderbird.nix>](#)

accounts.email.accounts.<name>.userName

The server username of this account. This will be used as the SMTP, IMAP, and JMAP user name.

Type: null or string

Default: null

Declared by:

[<home-manager/modules/accounts/email.nix>](#)

accounts.email.certificatesFile

Path to default file containing certificate authorities that should be used to validate the connection authenticity. This path may be overridden on a per-account basis.

Type: null or path

Default: `"/etc/ssl/certs/ca-certificates.crt"`

Declared by:

[<home-manager/modules/accounts/email.nix>](#)

accounts.email.maildirBasePath

The base directory for account maildir directories. May be a relative path, in which case it is

relative the home directory.

Type: string

Default: "\$HOME/Maildir"

Declared by:

[<home-manager/modules/accounts/email.nix>](#)

dconf.settings

Settings to write to the dconf configuration system.

Note that the database is strongly-typed so you need to use the same types as described in the GSettings schema. For example, if an option is of type uint32 (u), you need to wrap the number using the `lib.hm.gvariant.mkUint32` constructor. Otherwise, since Nix integers are implicitly coerced to int32 (i), it would get stored in the database as such, and GSettings might be confused when loading the setting.

You might want to use [dconf2nix](#) to convert dconf database dumps into compatible Nix expression.

Type: attribute set of attribute set of (GVariant value)

Default: { }

Example:

```
{  
  "org/gnome/calculator" = {  
    button-mode = "programming";  
    show-thousands = true;  
    base = 10;  
    word-size = 64;  
    window-position = lib.hm.gvariant.mkTuple [100 100];  
  };  
}
```

Declared by:

[<home-manager/modules/misc/dconf.nix>](#)

editorconfig.enable

Whether to enable EditorConfig home configuration file.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/misc/editorconfig.nix>](#)

editorconfig.settings

Configuration written to \$HOME/.editorconfig. root = true is automatically added to the file, it must not be added here. See <https://editorconfig.org> for documentation.

Type: attribute set of attribute set of (INI atom (null, bool, int, float or string))

Default: { }

Example:

```
{  
    "*" = {  
        charset = "utf-8";  
        end_of_line = "lf";  
        trim_trailing_whitespace = true;  
        insert_final_newline = true;  
        max_line_width = 78;  
        indent_style = "space";  
        indent_size = 4;  
    };  
};
```

Declared by:

[<home-manager/modules/misc/editorconfig.nix>](#)

fonts.fontconfig.enable

Whether to enable fontconfig configuration. This will, for example, allow fontconfig to discover fonts and configurations installed through home.packages and **nix-env**.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/misc/fontconfig.nix>`](#)

gtk.enable

Whether to enable GTK 2/3 configuration.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/misc/gtk.nix>`](#)

gtk.cursorTheme

The cursor theme to use.

Type: null or (submodule)

Default: null

Declared by:

[`<home-manager/modules/misc/gtk.nix>`](#)

gtk.cursorTheme.package

Package providing the cursor theme. This package will be installed to your profile. If null then the theme is assumed to already be available in your profile.

Type: null or package

Default: null

Example: pkgs.vanilla-dmz

Declared by:

[`<home-manager/modules/misc/gtk.nix>`](#)

gtk.cursorTheme.name

The name of the cursor theme within the package.

Type: string

Example: "Vanilla-DMZ"

Declared by:

[`<home-manager/modules/misc/gtk.nix>`](#)

gtk.cursorTheme.size

The size of the cursor.

Type: null or signed integer

Default: null

Example: 16

Declared by:

[`<home-manager/modules/misc/gtk.nix>`](#)

gtk.font

The font to use in GTK+ 2/3 applications.

Type: null or (submodule)

Default: null

Declared by:

[`<home-manager/modules/misc/gtk.nix>`](#)

gtk.font.package

Package providing the font. This package will be installed to your profile. If null then the font is assumed to already be available in your profile.

Type: null or package

Default: null

Example: pkgs.dejavu_fonts

Declared by:

[`<home-manager/modules/misc/gtk.nix>`](#)

gtk.font.name

The family name of the font within the package.

Type: string

Example: "DejaVu Sans"

Declared by:

[`<home-manager/modules/misc/gtk.nix>`](#)

gtk.font.size

The size of the font.

Type: null or signed integer or floating point number

Default: null

Example: "8"

Declared by:

[`<home-manager/modules/misc/gtk.nix>`](#)

gtk.gtk2.configLocation

The location to put the GTK configuration file.

Type: path

Default: "\${config.home.homeDirectory}/.gtkrc-2.0"

Example: "\${config.xdg.configHome}/gtk-2.0/gtkrc"

Declared by:

[`<home-manager/modules/misc/gtk.nix>`](#)

gtk.gtk2.extraConfig

Extra configuration lines to add verbatim to ~/.gtkrc-2.0.

Type: strings concatenated with "\n"

Default: ""

Example: "gtk-can-change-accel = 1"

Declared by:

[`<home-manager/modules/misc/gtk.nix>`](#)

gtk.gtk3.bookmarks

Bookmarks in the sidebar of the GTK file browser

Type: list of string

Default: []

Example:

```
[  
  "file:///home/jane/Documents"  
]
```

Declared by:

[<home-manager/modules/misc/gtk.nix>](#)

gtk gtk3.extraConfig

Extra configuration options to add to \$XDG_CONFIG_HOME/gtk-3.0/settings.ini.

Type: attribute set of (boolean or signed integer or string)

Default: { }

Example:

```
{  
  gtk-cursor-blink = false;  
  gtk-recent-files-limit = 20;  
}
```

Declared by:

[<home-manager/modules/misc/gtk.nix>](#)

gtk gtk3.extraCss

Extra configuration lines to add verbatim to \$XDG_CONFIG_HOME/gtk-3.0/gtk.css.

Type: strings concatenated with “\n”

Default: ""

Declared by:

[<home-manager/modules/misc/gtk.nix>](#)

gtk gtk4.extraConfig

Extra configuration options to add to `$XDG_CONFIG_HOME/gtk-4.0/settings.ini`.

Type: attribute set of (boolean or signed integer or string)

Default: { }

Example:

```
{  
    gtk-cursor-blink = false;  
    gtk-recent-files-limit = 20;  
}
```

Declared by:

[`<home-manager/modules/misc/gtk.nix>`](#)

gtk gtk4.extraCss

Extra configuration lines to add verbatim to `$XDG_CONFIG_HOME/gtk-4.0/gtk.css`.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[`<home-manager/modules/misc/gtk.nix>`](#)

gtk.iconTheme

The icon theme to use.

Type: null or (submodule)

Default: null

Declared by:

[`<home-manager/modules/misc/gtk.nix>`](#)

gtk.iconTheme.package

Package providing the icon theme. This package will be installed to your profile. If null then the theme is assumed to already be available in your profile.

Type: null or package

Default: null

Example: pkgs.gnome.adwaita-icon-theme

Declared by:

[`<home-manager/modules/misc/gtk.nix>`](#)

gtk.iconTheme.name

The name of the icon theme within the package.

Type: string

Example: "Adwaita"

Declared by:

[`<home-manager/modules/misc/gtk.nix>`](#)

gtk.theme

The GTK+2/3 theme to use.

Type: null or (submodule)

Default: null

Declared by:

[`<home-manager/modules/misc/gtk.nix>`](#)

gtk.theme.package

Package providing the theme. This package will be installed to your profile. If null then the theme is assumed to already be available in your profile.

For the theme to apply to GTK 4, this option is mandatory.

Type: null or package

Default: null

Example: pkgs.gnome.gnome-themes-extra

Declared by:

[`<home-manager/modules/misc/gtk.nix>`](#)

gtk.theme.name

The name of the theme within the package.

Type: string

Example: "Adwaita"

Declared by:

[`<home-manager/modules/misc/gtk.nix>`](#)

[home.enableDebugInfo](#)

Some Nix packages provide debug symbols for **gdb** in the debug output. This option ensures that those are automatically fetched from the binary cache if available and **gdb** is configured to find those symbols.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/misc/debug.nix>`](#)

[home.enableNixpkgsReleaseCheck](#)

Determines whether to check for release version mismatch between Home Manager and Nixpkgs. Using mismatched versions is likely to cause errors and unexpected behavior. It is therefore highly recommended to use a release of Home Manager that corresponds with your chosen release of Nixpkgs.

When this option is enabled and a mismatch is detected then a warning will be printed when the user configuration is being built.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/home-environment.nix>`](#)

[home.packages](#)

The set of packages to appear in the user environment.

Type: list of package

Default: []

Declared by:

<home-manager/modules/home-environment.nix>

home.activation

The activation scripts blocks to run when activating a Home Manager generation. Any entry here should be idempotent, meaning running twice or more times produces the same result as running it once.

If the script block produces any observable side effect, such as writing or deleting files, then it *must* be placed after the special `writeBoundary` script block. Prior to the write boundary one can place script blocks that verifies, but does not modify, the state of the system and exits if an unexpected state is found. For example, the `checkLinkTargets` script block checks for collisions between non-managed files and files defined in `home.file`.

A script block should respect the `DRY_RUN` variable. If it is set then the actions taken by the script should be logged to standard out and not actually performed. A convenient shell function `run` is provided for activation script blocks. It is used as follows:

run {command}

Runs the given command on live run, otherwise prints the command to standard output.

run --silence {command}

Runs the given command on live run and sends its standard and error output to `/dev/null`, otherwise prints the command to standard output.

A script block should also respect the `VERBOSE` variable, and if set print information on standard out that may be useful for debugging any issue that may arise. The variable `VERBOSE_ARG` is set to `--verbose` if verbose output is enabled. You can also use the provided shell function `verboseEcho`, which acts as `echo` when verbose output is enabled.

Type: DAG of string

Default: { }

Example:

```
{  
    myActivationAction = lib.hm.dag.entryAfter ["writeBoundary"] ''  
    run ln -s $VERBOSE_ARG \  
        ${builtins.toPath ./link-me-directly} $HOME  
    '';  
}
```

Declared by:

[<home-manager/modules/home-environment.nix>](#)

home.extraOutputsToInstall

List of additional package outputs of the packages `home.packages` that should be installed into the user environment.

Type: list of string

Default: []

Example:

```
[  
  "doc"  
  "info"  
  "devdoc"  
]
```

Declared by:

[<home-manager/modules/home-environment.nix>](#)

home.file

Attribute set of files to link into the user home.

Type: attribute set of (submodule)

Default: { }

Declared by:

[<home-manager/modules/files.nix>](#)

home.file.<name>.enable

Whether this file should be generated. This option allows specific files to be disabled.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/files.nix>`](#)

`home.file.<name>.executable`

Set the execute bit. If null, defaults to the mode of the source file or to false for files created through the `text` option.

Type: null or boolean

Default: null

Declared by:

[`<home-manager/modules/files.nix>`](#)

`home.file.<name>.onChange`

Shell commands to run when file has changed between generations. The script will be run *after* the new files have been linked into place.

Note, this code is always run when recursive is enabled.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[`<home-manager/modules/files.nix>`](#)

`home.file.<name>.recursive`

If the file source is a directory, then this option determines whether the directory should be recursively linked to the target location. This option has no effect if the source is a file.

If false (the default) then the target will be a symbolic link to the source directory. If true then the target will be a directory structure matching the source’s but whose leafs are symbolic links to the files of the source directory.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/files.nix>`](#)

`home.file.<name>.source`

Path of the source file or directory. If `home.file.<name>.text` is non-null then this option will automatically point to a file containing that text.

Type: path

Declared by:

[<home-manager/modules/files.nix>](#)

home.file.<name>.target

Path to target file relative to HOME.

Type: string

Default: name

Declared by:

[<home-manager/modules/files.nix>](#)

home.file.<name>.text

Text of the file. If this option is null then [home.file.<name>.source](#) must be set.

Type: null or strings concatenated with “\n”

Default: null

Declared by:

[<home-manager/modules/files.nix>](#)

home.homeDirectory

The user’s home directory. Must be an absolute path.

Type: path

Default:

```
"$HOME"    for state version < 20.09,  
undefined for state version ≥ 20.09
```

Example: "/home/jane.doe"

Declared by:

[<home-manager/modules/home-environment.nix>](#)

home.keyboard

Keyboard configuration. Set to `null` to disable Home Manager keyboard management.

Type: `null` or (submodule)

Default:

```
"{ }"  for state version < 21.11,  
"null" for state version ≥ 21.11
```

Declared by:

[<home-manager/modules/home-environment.nix>](#)

home.keyboard.layout

Keyboard layout. If `null`, then the system configuration will be used.

This defaults to `null` for state version ≥ 19.09 and `"us"` otherwise.

Type: `null` or string

Default: `null`

Declared by:

[<home-manager/modules/home-environment.nix>](#)

home.keyboard.model

Keyboard model.

Type: `null` or string

Default: `null`

Example: `"presario"`

Declared by:

[<home-manager/modules/home-environment.nix>](#)

home.keyboard.options

X keyboard options; layout switching goes here.

Type: list of string

Default: []

Example:

```
[  
  "grp:caps_toggle"  
  "grp_led:scroll"  
]
```

Declared by:

[`<home-manager/modules/home-environment.nix>`](#)

[home.keyboard.variant](#)

X keyboard variant. If null, then the system configuration will be used.

This defaults to null for state version ≥ 19.09 and "" otherwise.

Type: null or string

Default: null

Example: "colemak"

Declared by:

[`<home-manager/modules/home-environment.nix>`](#)

[home.language](#)

Language configuration.

Type: submodule

Default: { }

Declared by:

[`<home-manager/modules/home-environment.nix>`](#)

[home.language.address](#)

The language to use for addresses.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/home-environment.nix>`](#)

`home.language.base`

The language to use unless overridden by a more specific option.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/home-environment.nix>`](#)

`home.language.collate`

The language to use for collation (alphabetical ordering).

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/home-environment.nix>`](#)

`home.language.ctype`

Character classification category.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/home-environment.nix>`](#)

`home.language.measurement`

The language to use for measurement values.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/home-environment.nix>`](#)[home.language.messages](#)

The language to use for messages, application UI languages, etc.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/home-environment.nix>`](#)[home.language.monetary](#)

The language to use for formatting currencies and money amounts.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/home-environment.nix>`](#)[home.language.name](#)

The language to use for personal names.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/home-environment.nix>`](#)[home.language.numeric](#)

The language to use for numerical values.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/home-environment.nix>`](#)[home.language.paper](#)

The language to use for paper sizes.

Type: null or string

Default: null

Declared by:

[<home-manager/modules/home-environment.nix>](#)

home.language.telephone

The language to use for telephone numbers.

Type: null or string

Default: null

Declared by:

[<home-manager/modules/home-environment.nix>](#)

home.language.time

The language to use for formatting times.

Type: null or string

Default: null

Declared by:

[<home-manager/modules/home-environment.nix>](#)

home.pointerCursor

Cursor configuration. Set to null to disable.

Top-level options declared under this submodule are backend independent options. Options declared under namespaces such as x11 are backend specific options. By default, only backend independent cursor configurations are generated. If you need configurations for specific backends, you can toggle them via the enable option. For example, [home.pointerCursor.x11.enable](#) will enable x11 cursor configurations.

Note that this will merely generate the cursor configurations. To apply the configurations, the relevant subsystems must also be configured. For example, [home.pointerCursor.gtk.enable](#) will generate the gtk cursor configuration, but [gtk.enable](#) needs to be set for it to be applied.

Type: null or (submodule)

Default: null

Declared by:

[`<home-manager/modules/config/home-cursor.nix>`](#)

`home.pointerCursor.package`

Package providing the cursor theme.

Type: package

Example: pkgs.vanilla-dmz

Declared by:

[`<home-manager/modules/config/home-cursor.nix>`](#)

`home.pointerCursor.gtk.enable`

Whether to enable gtk config generation for `home.pointerCursor`.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/config/home-cursor.nix>`](#)

`home.pointerCursor.name`

The cursor name within the package.

Type: string

Example: "Vanilla-DMZ"

Declared by:

[`<home-manager/modules/config/home-cursor.nix>`](#)

`home.pointerCursor.size`

The cursor size.

Type: signed integer

Default: 32

Example: 64

Declared by:

[<home-manager/modules/config/home-cursor.nix>](#)

home.pointerCursor.x11.enable

Whether to enable x11 config generation for `home.pointerCursor`.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/config/home-cursor.nix>](#)

home.pointerCursor.x11.defaultCursor

The default cursor file to use within the package.

Type: string

Default: "left_ptr"

Example: "X_cursor"

Declared by:

[<home-manager/modules/config/home-cursor.nix>](#)

home.profileDirectory

The profile directory where Home Manager generations are installed.

Type: path (*read only*)

Default:

```
"${home.homeDirectory}/.nix-profile" or  
"/etc/profiles/per-user/${home.username}"
```

Declared by:

[<home-manager/modules/home-environment.nix>](#)

home.sessionPath

Extra directories to add to PATH.

These directories are added to the PATH variable in a double-quoted context, so expressions like \$HOME are expanded by the shell. However, since expressions like ~ or * are escaped, they will end up in the PATH verbatim.

Type: list of string

Default: []

Example:

```
[  
  "$HOME/.local/bin"  
  "\${xdg.configHome}/emacs/bin"  
  ".git/safe/../../bin"  
]
```

Declared by:

[<home-manager/modules/home-environment.nix>](#)

home.sessionVariables

Environment variables to always set at login.

The values may refer to other environment variables using POSIX.2 style variable references. For example, a variable parameter may be referenced as \${parameter} or \${parameter}. A default value foo may be given as per \${parameter:-foo} and, similarly, an alternate value bar can be given as per \${parameter:+bar}.

Note, these variables may be set in any order so no session variable may have a runtime dependency on another session variable. In particular code like

```
home.sessionVariables = {  
  FOO = "Hello";  
  BAR = "$FOO World!";  
};
```

may not work as expected. If you need to reference another session variable, then do so inside Nix instead. The above example then becomes

```
home.sessionVariables = {  
    FOO = "Hello";  
    BAR = "${config.home.sessionVariables.FOO} World!";  
};
```

Type: lazy attribute set of (string or path or signed integer or floating point number)

Default: {}

Example:

```
{  
    EDITOR = "emacs";  
    GS_OPTIONS = "-sPAPERSIZE=a4";  
}
```

Declared by:

[<home-manager/modules/home-environment.nix>](#)

home.shellAliases

An attribute set that maps aliases (the top level attribute names in this option) to command strings or directly to build outputs.

This option should only be used to manage simple aliases that are compatible across all shells. If you need to use a shell specific feature then make sure to use a shell specific option, for example [programs.bash.shellAliases](#) for Bash.

Type: attribute set of string

Default: {}

Example:

```
{  
    g = "git";  
    "... " = "cd ../../..";  
}
```

Declared by:

[`<home-manager/modules/home-environment.nix>`](#)

`home.stateVersion`

It is occasionally necessary for Home Manager to change configuration defaults in a way that is incompatible with stateful data. This could, for example, include switching the default data format or location of a file.

The *state version* indicates which default settings are in effect and will therefore help avoid breaking program configurations. Switching to a higher state version typically requires performing some manual steps, such as data conversion or moving files.

Type: one of “18.09”, “19.03”, “19.09”, “20.03”, “20.09”, “21.03”, “21.05”, “21.11”, “22.05”, “22.11”, “23.05”, “23.11”, “24.05”

Declared by:

[`<home-manager/modules/misc/version.nix>`](#)

`home.username`

The user’s username.

Type: string

Default:

```
"$USER"    for state version < 20.09,  
undefined for state version ≥ 20.09
```

Example: "jane.doe"

Declared by:

[`<home-manager/modules/home-environment.nix>`](#)

`i18n.glibcLocales`

Customized `glibcLocales` package providing the `LOCALE_ARCHIVE_*` environment variable.

This option only applies to the Linux platform.

When Home Manager is configured with NixOS, the default value will be set to `i18n.glibcLocales` from the system configuration.

Type: path

Default: pkgs.glibcLocales

Example:

```
pkgs.glibcLocales.override {  
    allLocales = false;  
    locales = [ "en_US.UTF-8=UTF-8" ];  
}
```

Declared by:

[<home-manager/modules/config/i18n.nix>](#)

i18n.inputMethod.enabled

Select the enabled input method. Input methods are software to input symbols that are not available on standard input devices.

Input methods are especially used to input Chinese, Japanese and Korean characters.

Currently the following input methods are available in Home Manager:

fcitx5

A customizable lightweight input method. The next generation of fcitx. Addons (including engines, dictionaries, skins) can be added using [i18n.inputMethod.fcitx5.addons](#).

nabi

A Korean input method based on XIM. Nabi doesn't support Qt 5.

uim

The “universal input method” is a library with an XIM bridge. uim mainly supports Chinese, Japanese and Korean.

hime

An extremely easy-to-use input method framework.

kime

A Korean IME.

Type: null or one of “fcitx”, “fcitx5”, “nabi”, “uim”, “hime”, “kime”

Default: null

Example: "fcitx5"

Declared by:

[<home-manager/modules/i18n/input-method/default.nix>](#)

[i18n.inputMethod.fcitx5.addons](#)

Enabled Fcith5 addons.

Type: list of package

Default: []

Example: with pkgs; [fcitx5-rime]

Declared by:

[<home-manager/modules/i18n/input-method/fcitx5.nix>](#)

[i18n.inputMethod.kime.config](#)

kime configuration. Refer to <https://github.com/Riey/kime/blob/develop/docs/CONFIGURATION.md> for details on supported values.

Type: YAML value

Default: { }

Example:

```
{  
  daemon = {  
    modules = ["Xim" "Indicator"];  
  };  
  
  indicator = {  
    icon_color = "White";  
  };  
  
  engine = {  
    hangul = {  
      layout = "dubeolsik";  
    };  
  };
```

```
};  
}
```

Declared by:

[`<home-manager/modules/i18n/input-method/kime.nix>`](#)

`i18n.inputMethod.uim.toolbar`

Selected UIM toolbar.

Type: one of “gtk”, “gtk3”, “gtk-systray”, “gtk3-systray”, “qt4”

Default: “gtk”

Example: “gtk-systray”

Declared by:

[`<home-manager/modules/i18n/input-method/uim.nix>`](#)

`launchd.enable`

Whether to enable Home Manager to define per-user daemons by making use of launchd’s LaunchAgents.

Type: boolean

Default: `pkgs.stdenv.hostPlatform.isDarwin`

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)

`launchd.agents`

Define LaunchAgents.

Type: attribute set of (submodule)

Default: { }

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)

`launchd.agents.<name>.enable`

Whether to enable <name>.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/launchd/default.nix>](#)

launchd.agents.<name>.config

Define a launchd job. See `launchd.plist(5)` for details.

Type: attribute set of anything

Default: { }

Example:

```
{  
    ProgramArguments = [ "/usr/bin/say" "Good afternoon" ];  
    StartCalendarInterval = [  
        {  
            Hour = 12;  
            Minute = 0;  
        }  
    ];  
}
```

Declared by:

[<home-manager/modules/launchd/default.nix>](#)

launchd.agents.<name>.config.AbandonProcessGroup

When a job dies, launchd kills any remaining processes with the same process group ID as the job. Setting this key to true disables that behavior.

Type: null or boolean

Default: null

Declared by:

[<home-manager/modules/launchd/default.nix>](#)

`launchd.agents.<name>.config.Debug`

This optional key specifies that launchd should adjust its log mask temporarily to LOG_DEBUG while dealing with this job.

Type: null or boolean

Default: null

Declared by:

[<home-manager/modules/launchd/default.nix>](#)

`launchd.agents.<name>.config.Disabled`

This optional key is used as a hint to `launchctl(1)` that it should not submit this job to launchd when loading a job or jobs. The value of this key does NOT reflect the current state of the job on the running system. If you wish to know whether a job is loaded in launchd, reading this key from a configuration file yourself is not a sufficient test. You should query launchd for the presence of the job using the `launchctl(1)` `list` subcommand or use the ServiceManagement framework's `SMJobCopyDictionary()` method.

Note that as of Mac OS X v10.6, this key's value in a configuration file conveys a default value, which is changed with the `[-w]` option of the `launchctl(1)` `load` and `unload` subcommands. These subcommands no longer modify the configuration file, so the value displayed in the configuration file is not necessarily the value that `launchctl(1)` will apply. See `launchctl(1)` for more information.

Please also be mindful that you should only use this key if the provided on-demand and KeepAlive criteria are insufficient to describe the conditions under which your job needs to run. The cost to have a job loaded in launchd is negligible, so there is no harm in loading a job which only runs once or very rarely.

Type: null or boolean

Default: null

Declared by:

[<home-manager/modules/launchd/default.nix>](#)

`launchd.agents.<name>.config.EnableGlobbing`

This flag causes launchd to use the `glob(3)` mechanism to update the program arguments before invocation.

Type: null or boolean

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)

`launchd.agents.<name>.config.EnableTransactions`

This flag instructs launchd that the job promises to use `vproc_transaction_begin(3)` and `vproc_transaction_end(3)` to track outstanding transactions that need to be reconciled before the process can safely terminate. If no outstanding transactions are in progress, then launchd is free to send the SIGKILL signal.

Type: null or boolean

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)

`launchd.agents.<name>.config.EnvironmentVariables`

This optional key is used to specify additional environment variables to be set before running the job.

Type: null or (attribute set of string)

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)

`launchd.agents.<name>.config.ExitTimeOut`

The amount of time launchd waits before sending a SIGKILL signal. The default value is 20 seconds. The value zero is interpreted as infinity.

Type: null or signed integer

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)

`launchd.agents.<name>.config.GroupName`

This optional key specifies the group to run the job as. This key is only applicable when launchd is running as root. If `UserName` is set and `GroupName` is not, the the group will be set to the default group of the user.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)

`launchd.agents.<name>.config.HardResourceLimits`

Resource limits to be imposed on the job. These adjust variables set with `setrlimit(2)`. The following keys apply:

Type: null or (submodule)

Default: null

Example:

```
{  
    NumberOfFiles = 4096;  
}
```

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)

`launchd.agents.<name>.config.HardResourceLimits.CPU`

The maximum amount of cpu time (in seconds) to be used by each process.

Type: null or signed integer

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)

`launchd.agents.<name>.config.HardResourceLimits.Core`

The largest size (in bytes) core file that may be created.

Type: null or signed integer

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)[`launchd.agents.<name>.config.HardResourceLimits.Data`](#)

The maximum size (in bytes) of the data segment for a process; this defines how far a program may extend its break with the `sbrk(2)` system call.

Type: null or signed integer

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)[`launchd.agents.<name>.config.HardResourceLimits.FileSize`](#)

The largest size (in bytes) file that may be created.

Type: null or signed integer

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)[`launchd.agents.<name>.config.HardResourceLimits.MemoryLock`](#)

The maximum size (in bytes) which a process may lock into memory using the `mlock(2)` function.

Type: null or signed integer

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)[`launchd.agents.<name>.config.HardResourceLimits.NumberOfFiles`](#)

The maximum number of open files for this process. Setting this value in a system wide daemon will set the `sysctl(3)` `kern.maxfiles` (SoftResourceLimits) or `kern.maxfilesperproc` (HardResourceLimits) value in addition to the `setrlimit(2)` values.

Type: null or signed integer

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)[`launchd.agents.<name>.config.HardResourceLimits.NumberOfProcesses`](#)

The maximum number of simultaneous processes for this user id. Setting this value in a system wide daemon will set the sysctl(3) kern.maxproc (SoftResourceLimits) or kern.maxprocperuid (HardResourceLimits) value in addition to the setrlimit(2) values.

Type: null or signed integer

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)[`launchd.agents.<name>.config.HardResourceLimits.ResidentSetSize`](#)

The maximum size (in bytes) to which a process's resident set size may grow. This imposes a limit on the amount of physical memory to be given to a process; if memory is tight, the system will prefer to take memory from processes that are exceeding their declared resident set size.

Type: null or signed integer

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)[`launchd.agents.<name>.config.HardResourceLimits.Stack`](#)

The maximum size (in bytes) of the stack segment for a process; this defines how far a program's stack segment may be extended. Stack extension is performed automatically by the system.

Type: null or signed integer

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)[`launchd.agents.<name>.config.InitGroups`](#)

This optional key specifies whether `initgroups(3)` should be called before running the job. The default is true in 10.5 and false in 10.4. This key will be ignored if the `UserName` key is not set.

Type: null or boolean

Default: null

Declared by:

[<home-manager/modules/launchd/default.nix>](#)

launchd.agents.<name>.config.KeepAlive

This optional key is used to control whether your job is to be kept continuously running or to let demand and conditions control the invocation. The default is false and therefore only demand will start the job. The value may be set to true to unconditionally keep the job alive. Alternatively, a dictionary of conditions may be specified to selectively control whether launchd keeps a job alive or not. If multiple keys are provided, launchd ORs them, thus providing maximum flexibility to the job to refine the logic and stall if necessary. If launchd finds no reason to restart the job, it falls back on demand based invocation. Jobs that exit quickly and frequently when configured to be kept alive will be throttled to conserve system resources.

Type: null or boolean or (submodule)

Default: null

Declared by:

[<home-manager/modules/launchd/default.nix>](#)

launchd.agents.<name>.config.Label

This required key uniquely identifies the job to launchd.

Type: string

Declared by:

[<home-manager/modules/launchd/default.nix>](#)

launchd.agents.<name>.config.LaunchEvents

Specifies higher-level event types to be used as launch-on-demand event sources. Each sub-dictionary defines events for a particular event subsystem, such as “com.apple.iokit.matching”, which can be used to launch jobs based on the appearance of nodes in the IORegistry. Each dictionary within the sub-dictionary specifies an event descriptor that is specified to each event subsystem. With this key, the job promises to use the `xpc_set_event_stream_handler(3)` API to consume events. See `xpc_events(3)` for more details on event sources.

Type: null or (attribute set)

Default: null

Example:

```
{  
    "com.apple.iokit.matching" = {  
        "com.apple.usb.device" = {  
            IOMatchLaunchStream = true;  
            IOProviderClass = "IOUSBDevice";  
            idProduct = "*";  
            idVendor = "*";  
        };  
    };  
}
```

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)

`launchd.agents.<name>.config.LaunchOnlyOnce`

This optional key specifies whether the job can only be run once and only once. In other words, if the job cannot be safely respawned without a full machine reboot, then set this key to be true.

Type: null or boolean

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)

`launchd.agents.<name>.config.LimitLoadFromHosts`

This configuration file only applies to hosts NOT listed with this key. Note: One should set kern.hostname in sysctl.conf(5) for this feature to work reliably.

Type: null or (list of string)

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)

`launchd.agents.<name>.config.LimitLoadToHosts`

This configuration file only applies to the hosts listed with this key. Note: One should set kern.hostname in sysctl.conf(5) for this feature to work reliably.

Type: null or (list of string)

Default: null

Declared by:

[<home-manager/modules/launchd/default.nix>](#)

launchd.agents.<name>.config.LimitLoadToSessionType

This configuration file only applies to sessions of the type specified. This key is used in concert with the -S flag to **launchctl**.

Type: null or string

Default: null

Declared by:

[<home-manager/modules/launchd/default.nix>](#)

launchd.agents.<name>.config.LowPriorityIO

This optional key specifies whether the kernel should consider this daemon to be low priority when doing file system I/O.

Type: null or boolean

Default: null

Declared by:

[<home-manager/modules/launchd/default.nix>](#)

launchd.agents.<name>.config.MachServices

This optional key is used to specify Mach services to be registered with the Mach bootstrap subsystem. Each key in this dictionary should be the name of service to be advertised. The value of the key must be a boolean and set to true. Alternatively, a dictionary can be used instead of a simple true value.

Finally, for the job itself, the values will be replaced with Mach ports at the time of check-in with launchd.

Type: null or (submodule)

Default: null

Example:

```
{
```

```
    ResetAtClose = true;  
}
```

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)

`launchd.agents.<name>.config.MachServices.HideUntilCheckIn`

Reserve the name in the namespace, but cause `bootstrap_look_up()` to fail until the job has checked in with launchd.

Type: null or boolean

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)

`launchd.agents.<name>.config.MachServices.ResetAtClose`

If this boolean is false, the port is recycled, thus leaving clients to remain oblivious to the demand nature of job. If the value is set to true, clients receive port death notifications when the job lets go of the receive right. The port will be recreated atomically with respect to `bootstrap_look_up()` calls, so that clients can trust that after receiving a port death notification, the new port will have already been recreated. Setting the value to true should be done with care. Not all clients may be able to handle this behavior. The default value is false.

Type: null or boolean

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)

`launchd.agents.<name>.config.Nice`

This optional key specifies what `nice(3)` value should be applied to the daemon.

Type: null or signed integer

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)

`launchd.agents.<name>.config.OnDemand`

This key was used in Mac OS X 10.4 to control whether a job was kept alive or not. The default was true. This key has been deprecated and replaced in Mac OS X 10.5 and later with the more powerful KeepAlive option.

Type: null or boolean

Default: null

Declared by:

[<home-manager/modules/launchd/default.nix>](#)

`launchd.agents.<name>.config.ProcessType`

This optional key describes, at a high level, the intended purpose of the job. The system will apply resource limits based on what kind of job it is. If left unspecified, the system will apply light resource limits to the job, throttling its CPU usage and I/O bandwidth. The following are valid values:

Background

Background jobs are generally processes that do work that was not directly requested by the user. The resource limits applied to Background jobs are intended to prevent them from disrupting the user experience.

Standard

Standard jobs are equivalent to no ProcessType being set.

Adaptive

Adaptive jobs move between the Background and Interactive classifications based on activity over XPC connections. See `xpc_transaction_begin(3)` for details.

Interactive

Interactive jobs run with the same resource limitations as apps, that is to say, none. Interactive jobs are critical to maintaining a responsive user experience, and this key should only be used if an app's ability to be responsive depends on it, and cannot be made Adaptive.

Type: null or one of “Background”, “Standard”, “Adaptive”, “Interactive”

Default: null

Example: "Background"

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)[`launchd.agents.<name>.config.Program`](#)

This key maps to the first argument of `execvp(3)`. If this key is missing, then the first element of the array of strings provided to the `ProgramArguments` will be used instead. This key is required in the absence of the `ProgramArguments` key.

Type: null or path

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)[`launchd.agents.<name>.config.ProgramArguments`](#)

This key maps to the second argument of `execvp(3)`. This key is required in the absence of the `Program` key. Please note: many people are confused by this key. Please read `execvp(3)` very carefully!

Type: null or (list of string)

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)[`launchd.agents.<name>.config.QueueDirectories`](#)

Much like the `WatchPaths` option, this key will watch the paths for modifications. The difference being that the job will only be started if the path is a directory and the directory is not empty.

Type: null or (list of string)

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)[`launchd.agents.<name>.config.RootDirectory`](#)

This optional key is used to specify a directory to `chroot(2)` to before running the job.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)

`launchd.agents.<name>.config.RunAtLoad`

This optional key is used to control whether your job is launched once at the time the job is loaded. The default is false.

Type: null or boolean

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)

`launchd.agents.<name>.config.Sockets`

This optional key is used to specify launch on demand sockets that can be used to let launchd know when to run the job. The job must check-in to get a copy of the file descriptors using APIs outlined in `launch(3)`. The keys of the top level Sockets dictionary can be anything. They are meant for the application developer to use to differentiate which descriptors correspond to which application level protocols (e.g. http vs. ftp vs. DNS...). At check-in time, the value of each Sockets dictionary key will be an array of descriptors. Daemon/Agent writers should consider all descriptors of a given key to be effectively equivalent, even though each file descriptor likely represents a different networking protocol which conforms to the criteria specified in the job configuration file.

The parameters below are used as inputs to call `getaddrinfo(3)`.

Type: null or (attribute set of (submodule))

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)

`launchd.agents.<name>.config.Sockets.<name>.Bonjour`

This optional key can be used to request that the service be registered with the `mDNSResponder(8)`. If the value is boolean, the service name is inferred from the `SockServiceName`.

Type: null or boolean or list of string

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)[`launchd.agents.<name>.config.Sockets.<name>.MulticastGroup`](#)

This optional key can be used to request that the datagram socket join a multicast group. If the value is a hostname, then `getaddrinfo(3)` will be used to join the correct multicast address for a given socket family. If an explicit IPv4 or IPv6 address is given, it is required that the `SockFamily` family also be set, otherwise the results are undefined.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)[`launchd.agents.<name>.config.Sockets.<name>.SecureSocketWithKey`](#)

This optional key is a variant of `SockPathName`. Instead of binding to a known path, a securely generated socket is created and the path is assigned to the environment variable that is inherited by all jobs spawned by `launchd`.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)[`launchd.agents.<name>.config.Sockets.<name>.SockFamily`](#)

This optional key can be used to specifically request that “IPv4” or “IPv6” socket(s) be created.

Type: null or one of “IPv4”, “IPv6”

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)[`launchd.agents.<name>.config.Sockets.<name>.SockNodeName`](#)

This optional key specifies the node to `connect(2)` or `bind(2)` to.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)

`launchd.agents.<name>.config.Sockets.<name>.SockPassive`

This optional key specifies whether `listen(2)` or `connect(2)` should be called on the created file descriptor. The default is true (“to listen”).

Type: null or boolean

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)

`launchd.agents.<name>.config.Sockets.<name>.SockPathMode`

This optional key specifies the mode of the socket. Known bug: Property lists don’t support octal, so please convert the value to decimal.

Type: null or signed integer

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)

`launchd.agents.<name>.config.Sockets.<name>.SockPathName`

This optional key implies `SockFamily` is set to “Unix”. It specifies the path to `connect(2)` or `bind(2)` to.

Type: null or path

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)

`launchd.agents.<name>.config.Sockets.<name>.SockProtocol`

This optional key specifies the protocol to be passed to `socket(2)`. The only value understood by this key at the moment is “TCP”.

Type: null or value “TCP” (singular enum)

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)

`launchd.agents.<name>.config.Sockets.<name>.SockServiceName`

This optional key specifies the service on the node to connect(2) or bind(2) to.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)

`launchd.agents.<name>.config.Sockets.<name>.SockType`

This optional key tells launchctl what type of socket to create. The default is “stream” and other valid values for this key are “dgram” and “seqpacket” respectively.

Type: null or one of “stream”, “dgram”, “seqpacket”

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)

`launchd.agents.<name>.config.SoftResourceLimits`

Resource limits to be imposed on the job. These adjust variables set with setrlimit(2). The following keys apply:

Type: null or (submodule)

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)

`launchd.agents.<name>.config.SoftResourceLimits.CPU`

The maximum amount of cpu time (in seconds) to be used by each process.

Type: null or signed integer

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)[`launchd.agents.<name>.config.SoftResourceLimits.Core`](#)

The largest size (in bytes) core file that may be created.

Type: null or signed integer

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)[`launchd.agents.<name>.config.SoftResourceLimits.Data`](#)

The maximum size (in bytes) of the data segment for a process; this defines how far a program may extend its break with the sbrk(2) system call.

Type: null or signed integer

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)[`launchd.agents.<name>.config.SoftResourceLimits.FileSize`](#)

The largest size (in bytes) file that may be created.

Type: null or signed integer

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)[`launchd.agents.<name>.config.SoftResourceLimits.MemoryLock`](#)

The maximum size (in bytes) which a process may lock into memory using the mlock(2) function.

Type: null or signed integer

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)

`launchd.agents.<name>.config.SoftResourceLimits.NumberOfFile`

The maximum number of open files for this process. Setting this value in a system wide daemon will set the `sysctl(3)` `kern.maxfiles` (`SoftResourceLimits`) or `kern.maxfilesperproc` (`HardResourceLimits`) value in addition to the `setrlimit(2)` values.

Type: null or signed integer

Default: null

Declared by:

[<home-manager/modules/launchd/default.nix>](#)

`launchd.agents.<name>.config.SoftResourceLimits.NumberOfProcesses`

The maximum number of simultaneous processes for this user id. Setting this value in a system wide daemon will set the `sysctl(3)` `kern.maxproc` (`SoftResourceLimits`) or `kern.maxprocperuid` (`HardResourceLimits`) value in addition to the `setrlimit(2)` values.

Type: null or signed integer

Default: null

Declared by:

[<home-manager/modules/launchd/default.nix>](#)

`launchd.agents.<name>.config.SoftResourceLimits.ResidentSetSize`

The maximum size (in bytes) to which a process's resident set size may grow. This imposes a limit on the amount of physical memory to be given to a process; if memory is tight, the system will prefer to take memory from processes that are exceeding their declared resident set size.

Type: null or signed integer

Default: null

Declared by:

[<home-manager/modules/launchd/default.nix>](#)

`launchd.agents.<name>.config.SoftResourceLimits.Stack`

The maximum size (in bytes) of the stack segment for a process; this defines how far a program's stack segment may be extended. Stack extension is performed automatically by the system.

Type: null or signed integer

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)

`launchd.agents.<name>.config.StandardErrorPath`

This optional key specifies what file should be used for data being sent to stderr when using `stdio(3)`.

Type: null or path

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)

`launchd.agents.<name>.config.StandardInPath`

This optional key specifies what file should be used for data being supplied to stdin when using `stdio(3)`.

Type: null or path

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)

`launchd.agents.<name>.config.StandardOutPath`

This optional key specifies what file should be used for data being sent to stdout when using `stdio(3)`.

Type: null or path

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)

`launchd.agents.<name>.config.StartCalendarInterval`

This optional key causes the job to be started every calendar interval as specified. Missing arguments are considered to be wildcard. The semantics are much like `crontab(5)`. Unlike cron which skips job invocations when the computer is asleep, launchd will start the job the next time the computer wakes up. If multiple intervals transpire before the computer is woken, those events will be coalesced into one event upon wake from sleep.

Type: null or (list of (submodule))

Default: null

Example:

```
{  
  Hour = 2;  
  Minute = 30;  
}
```

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)

`launchd.agents.<name>.config.StartCalendarInterval.*.Day`

The day on which this job will be run.

Type: null or signed integer

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)

`launchd.agents.<name>.config.StartCalendarInterval.*.Hour`

The hour on which this job will be run.

Type: null or signed integer

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)

`launchd.agents.<name>.config.StartCalendarInterval.*.Minute`

The minute on which this job will be run.

Type: null or signed integer

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)[`launchd.agents.<name>.config.StartCalendarInterval.*.Month`](#)

The month on which this job will be run.

Type: null or signed integer

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)[`launchd.agents.<name>.config.StartCalendarInterval.*.Weekday`](#)

The weekday on which this job will be run (0 and 7 are Sunday).

Type: null or signed integer

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)[`launchd.agents.<name>.config.StartInterval`](#)

This optional key causes the job to be started every N seconds. If the system is asleep, the job will be started the next time the computer wakes up. If multiple intervals transpire before the computer is woken, those events will be coalesced into one event upon wake from sleep.

Type: null or signed integer

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)[`launchd.agents.<name>.config.StartOnMount`](#)

This optional key causes the job to be started every time a filesystem is mounted.

Type: null or boolean

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)

`launchd.agents.<name>.config.ThrottleInterval`

This key lets one override the default throttling policy imposed on jobs by launchd. The value is in seconds, and by default, jobs will not be spawned more than once every 10 seconds. The principle behind this is that jobs should linger around just in case they are needed again in the near future. This not only reduces the latency of responses, but it encourages developers to amortize the cost of program invocation.

Type: null or signed integer

Default: null

Declared by:

[<home-manager/modules/launchd/default.nix>](#)

`launchd.agents.<name>.config.TimeOut`

The recommended idle time out (in seconds) to pass to the job. If no value is specified, a default time out will be supplied by launchd for use by the job at check in time.

Type: null or signed integer

Default: null

Declared by:

[<home-manager/modules/launchd/default.nix>](#)

`launchd.agents.<name>.config.Umask`

This optional key specifies what value should be passed to `umask(2)` before running the job. Known bug: Property lists don't support octal, so please convert the value to decimal.

Type: null or signed integer

Default: null

Declared by:

[<home-manager/modules/launchd/default.nix>](#)

`launchd.agents.<name>.config.UserName`

This optional key specifies the user to run the job as. This key is only applicable when launchd is running as root.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)

`launchd.agents.<name>.config.WaitForDebugger`

This optional key specifies that launchd should instruct the kernel to have the job wait for a debugger to attach before any code in the job is executed.

Type: null or boolean

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)

`launchd.agents.<name>.config.WatchPaths`

This optional key causes the job to be started if any one of the listed paths are modified.

Type: null or (list of path)

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)

`launchd.agents.<name>.config.WorkingDirectory`

This optional key is used to specify a directory to chdir(2) to before running the job.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/launchd/default.nix>`](#)

`launchd.agents.<name>.config.inetdCompatibility`

The presence of this key specifies that the daemon expects to be run as if it were launched from inetd.

Type: null or (submodule)

Default: null

Example:

```
{  
  Wait = true;  
}
```

Declared by:

[<home-manager/modules/launchd/default.nix>](#)

launchd.agents.<name>.config.inetdCompatibility.Wait

This flag corresponds to the “wait” or “nowait” option of inetd. If true, then the listening socket is passed via the standard in/out/error file descriptors. If false, then accept(2) is called on behalf of the job, and the result is passed via the standard in/out/error descriptors.

Type: null or boolean or string

Default: null

Declared by:

[<home-manager/modules/launchd/default.nix>](#)

lib

This option allows modules to define helper functions, constants, etc.

Type: attribute set of (attribute set)

Default: { }

Declared by:

[<home-manager/modules/misc/lib.nix>](#)

manual.html.enable

Whether to install the HTML manual. This also installs the **home-manager-help** tool, which opens a local copy of the Home Manager manual in the system web browser.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/manual.nix>](#)

manual.json.enable

Whether to install a JSON formatted list of all Home Manager options. This can be located at `<profile directory>/share/doc/home-manager/options.json`, and may be used for navigating definitions, auto-completing, and other miscellaneous tasks.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/manual.nix>`](#)

manual.manpages.enable

Whether to install the configuration manual page. The manual can be reached by `man home-configuration.nix`.

When looking at the manual page pretend that all references to NixOS stuff are actually references to Home Manager stuff. Thanks!

Type: boolean

Default: true

Example: false

Declared by:

[`<home-manager/modules/manual.nix>`](#)

news.display

How unread and relevant news should be presented when running `home-manager build` and `home-manager switch`.

The options are

`silent`

Do not print anything during build or switch. The `home-manager news` command still works for viewing the entries.

`notify`

The number of unread and relevant news entries will be printed to standard output. The `home-manager news` command can later be used to view the entries.

`show`

A pager showing unread news entries is opened.

Type: one of “silent”, “notify”, “show”

Default: “notify”

Declared by:

[<home-manager/modules/misc/news.nix>](#)

nix.package

The Nix package that the configuration should be generated for.

Type: null or package

Default: null

Example: pkgs.nix

Declared by:

[<home-manager/modules/misc/nix.nix>](#)

nix.checkConfig

If enabled (the default), checks for data type mismatches and that Nix can parse the generated nix.conf.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/misc/nix.nix>](#)

nix.extraOptions

Additional text appended to nix.conf.

Type: strings concatenated with “\n”

Default: “ ”

Example:

```
...
keep-outputs = true
keep-derivations = true
```

Declared by:

[`<home-manager/modules/misc/nix.nix>`](#)

`nix.registry`

User level flake registry.

Type: attribute set of (submodule)

Default: { }

Declared by:

[`<home-manager/modules/misc/nix.nix>`](#)

`nix.registry.<name>.exact`

Whether the `from` reference needs to match exactly. If set, a `from` reference like `nixpkgs` does not match with a reference like `nixpkgs/nixos-20.03`.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/misc/nix.nix>`](#)

`nix.registry.<name>.flake`

The flake input to which `from` is to be rewritten.

Type: null or (attribute set)

Default: null

Example: `nixpkgs`

Declared by:

[`<home-manager/modules/misc/nix.nix>`](#)

`nix.registry.<name>.from`

The flake reference to be rewritten.

Type: attribute set of (string or signed integer or boolean or package)

Example:

```
{  
  id = "nixpkgs";  
  type = "indirect";  
}
```

Declared by:

[<home-manager/modules/misc/nix.nix>](#)

[nix.registry.<name>.to](#)

The flake reference to which `from` is to be rewritten.

Type: attribute set of (string or signed integer or boolean or package)

Example:

```
{  
  owner = "my-org";  
  repo = "my-nixpkgs";  
  type = "github";  
}
```

Declared by:

[<home-manager/modules/misc/nix.nix>](#)

[nix.settings](#)

Configuration for Nix; see [nix.conf\(5\)](#) for available options. The value declared here will be translated directly to the key-value pairs Nix expects.

Configuration specified in [nix.extraOptions](#) will be appended verbatim to the resulting config file.

Type: attribute set of (Nix config atom (null, bool, int, float, str, path or package) or list of (Nix config atom (null, bool, int, float, str, path or package)))

Default: { }

Example:

```
{  
  use-sandbox = true;  
  show-trace = true;  
  system-features = [ "big-parallel" "kvm" "recursive-nix" ];  
}
```

Declared by:

[<home-manager/modules/misc/nix.nix>](#)

nixpkgs.config

The configuration of the Nix Packages collection. (For details, see the [Nixpkgs documentation](#).) It allows you to set package configuration options.

If null, then configuration is taken from the fallback location, for example, `~/.config/nixpkgs/config.nix`.

Note, this option will not apply outside your Home Manager configuration like when installing manually through `nix-env`. If you want to apply it both inside and outside Home Manager you can put it in a separate file and include something like

```
nixpkgs.config = import ./nixpkgs-config.nix;  
xdg.configFile."nixpkgs/config.nix".source = ./nixpkgs-config.nix;
```

in your Home Manager configuration.

Type: null or (nixpkgs config)

Default: null

Example:

```
{  
  allowBroken = true;  
}
```

Declared by:

[<home-manager/modules/misc/nixpkgs.nix>](#)

nixpkgs.overlays

List of overlays to use with the Nix Packages collection. (For details, see the [Nixpkgs documentation](#).) It allows you to override packages globally. This is a function that takes as an argument the *original* Nixpkgs. The first argument should be used for finding dependencies, and the second should be used for overriding recipes.

If null, then the overlays are taken from the fallback location, for example, `~/.config/nixpkgs/overlays`.

Like `nixpkgs.config` this option only applies within the Home Manager configuration. See `nixpkgs.config` for a suggested setup that works both internally and externally.

Type: null or (list of (nixpkgs overlay))

Default: null

Example:

```
[  
  (final: prev: {  
    openssh = prev.openssh.override {  
      hpnSupport = true;  
      withKerberos = true;  
      kerberos = final.libkrb5;  
    };  
  })  
]
```

Declared by:

[<home-manager/modules/misc/nixpkgs.nix>](#)

pam.sessionVariables

Environment variables that will be set for the PAM session. The variable values must be as described in `pam_env.conf(5)`.

Note, this option will become deprecated in the future and its use is therefore discouraged.

Type: attribute set

Default: {}

Example:

```
{  
  EDITOR = "vim";  
}
```

Declared by:

[`<home-manager/modules/misc/pam.nix>`](#)

`pam.yubico.authorizedYubiKeys.ids`

List of authorized YubiKey token IDs. Refer to <https://developers.yubico.com/yubico-pam> for details on how to obtain the token ID of a YubiKey.

Type: list of string of length 12

Default: []

Declared by:

[`<home-manager/modules/misc/pam.nix>`](#)

`pam.yubico.authorizedYubiKeys.path`

File path to write the authorized YubiKeys, relative to HOME.

Type: string

Default: ".yubico/authorized_yubikeys"

Declared by:

[`<home-manager/modules/misc/pam.nix>`](#)

`programs.abook.enable`

Whether to enable Abook.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/abook.nix>`](#)

programs.abook.extraConfig

Extra lines added to \$HOME/.config/abook/abookrc. Available configuration options are described in the abook repository: <https://sourceforge.net/p/abook/git/ci/master/tree/sample.abookrc>.

Type: strings concatenated with “\n”

Default: “ ”

Example:

```
'''
field pager = Pager
view CONTACT = name, email
set autosave=true
'''
```

Declared by:

[<home-manager/modules/programs/abook.nix>](#)

programs.aerc.enable

Whether to enable aerc.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/aerc.nix>](#)

programs.aerc.package

The aerc package to use.

Type: package

Default: pkgs.aerc

Declared by:

[<home-manager/modules/programs/aerc.nix>](#)

programs.aerc.extraAccounts

Extra lines added to \$HOME/.config/aerc/accounts.conf.

See aerc-config(5).

Type: strings concatenated with “\n” or attribute set of attribute set of (values (null, bool, int, string, or float) or a list of values, that will be joined with a comma)

Default: { }

Example: { work = { source = "maildir://~/Maildir/work"; }; }

Declared by:

[<home-manager/modules/programs/aerc.nix>](#)

programs.aerc.extraBinds

Extra lines added to \$HOME/.config/aerc/binds.conf. Global keybindings can be set in the global section.

See aerc-config(5).

Type: strings concatenated with “\n” or attribute set of attribute set of (values (null, bool, int, string, or float) or a list of values, that will be joined with a comma)

Default: { }

Example: { messages = { q = ":quit<Enter>"; }; }

Declared by:

[<home-manager/modules/programs/aerc.nix>](#)

programs.aerc.extraConfig

Extra lines added to \$HOME/.config/aerc/aerc.conf.

See aerc-config(5).

Type: strings concatenated with “\n” or attribute set of attribute set of (values (null, bool, int, string, or float) or a list of values, that will be joined with a comma)

Default: { }

Example: { ui = { sort = "-r date"; }; }

Declared by:

[<home-manager/modules/programs/aerc.nix>](#)

programs.aerc.stylesets

Stylesets added to \$HOME/.config/aerc/stylesets/.

See aerc-stylesets(7).

Type: attribute set of ((attribute set of (values (null, bool, int, string, or float) or a list of values, that will be joined with a comma)) or strings concatenated with “\n”)

Default: { }

Example:

```
{ default = { ui = { "tab.selected.reverse" = toggle; }; }; };
```

Declared by:

[<home-manager/modules/programs/aerc.nix>](#)

programs.aerc.templates

Templates added to \$HOME/.config/aerc/templates/.

See aerc-templates(7).

Type: attribute set of strings concatenated with “\n”

Default: { }

Example:

```
{ new_message = "Hello!"; };
```

Declared by:

[<home-manager/modules/programs/aerc.nix>](#)

programs.afew.enable

Whether to enable the afew initial tagging script for Notmuch.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/afew.nix>`](#)

[programs.afew.extraConfig](#)

Extra lines added to afew configuration file. Available configuration options are described in the afew manual: <https://afew.readthedocs.io/en/latest/configuration.html>.

Type: strings concatenated with “\n”

Default:

```
..  
[SpamFilter]  
[KillThreadsFilter]  
[ListMailsFilter]  
[ArchiveSentMailsFilter]  
[InboxFilter]  
..
```

Example:

```
..  
[SpamFilter]  
  
[Filter.0]  
query = from:pointyheaded@boss.com  
tags = -new;+boss  
message = Message from above  
  
[InboxFilter]  
..
```

Declared by:

[`<home-manager/modules/programs/afew.nix>`](#)

programs.alacritty.enable

Whether to enable Alacrity.

Type: boolean

Default: false

Example: true

Declared by:

```
<home-manager/modules/programs/alacritty.nix>
```

programs.alacritty.package

The Alacritty package to install.

Type: package

Default: pkgs.alacritty

Declared by:

`<home-manager/modules/programs/alacritty.nix>`

programs.alacritty.settings

Configuration written to `$XDG_CONFIG_HOME/alacritty/alacritty.yml` or `$XDG_CONFIG_HOME/alacritty/alacritty.toml` (the latter being used for alacritty 0.13 and later). See <https://github.com/alacritty/alacritty/tree/master#configuration> for more info.

Type: TOML value

Default: { }

Example:

```
{  
  window.dimensions = {  
    lines = 3;  
    columns = 200;  
  };  
  keyboard.bindings = [  
    {  
      key = "K";  
      mods = "Control";  
      chars = "\\\x0c";  
    },  
  ];  
}
```

```
        }  
    ];  
}
```

Declared by:

[`<home-manager/modules/programs/alacritty.nix>`](#)

[programs.alot.enable](#)

Whether to enable the Alot mail user agent. Alot uses the Notmuch email system and will therefore be automatically enabled for each email account that is managed by Notmuch.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/alot.nix>`](#)

[programs.alot.bindings](#)

Keybindings.

Type: submodule

Default: { }

Declared by:

[`<home-manager/modules/programs/alot.nix>`](#)

[programs.alot.bindings.bufferlist](#)

Bufferlist mode keybindings.

Type: attribute set of string

Default: { }

Declared by:

[`<home-manager/modules/programs/alot.nix>`](#)

[programs.alot.bindings.envelope](#)

Envelope mode keybindings.

Type: attribute set of string

Default: { }

Declared by:

[<home-manager/modules/programs/alot.nix>](#)

programs.alot.bindings.global

Global keybindings.

Type: attribute set of string

Default: { }

Declared by:

[<home-manager/modules/programs/alot.nix>](#)

programs.alot.bindings.search

Search mode keybindings.

Type: attribute set of string

Default: { }

Declared by:

[<home-manager/modules/programs/alot.nix>](#)

programs.alot.bindings.taglist

Taglist mode keybindings.

Type: attribute set of string

Default: { }

Declared by:

[<home-manager/modules/programs/alot.nix>](#)

programs.alot.bindings.thread

Thread mode keybindings.

Type: attribute set of string

Default: { }

Declared by:

[<home-manager/modules/programs/alot.nix>](#)

programs.alot.extraConfig

Extra lines added to alot configuration file.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[<home-manager/modules/programs/alot.nix>](#)

programs.alot.hooks

Content of the hooks file.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[<home-manager/modules/programs/alot.nix>](#)

programs.alot.settings

Configuration options added to alot configuration file.

Type: attribute set of (string or signed integer or boolean or floating point number)

Default:

```
{  
    auto_remove_unread = true;  
    handle_mouse = true;  
    initial_command = "search tag:inbox AND NOT tag:killed";  
    prefer_plaintext = true;  
}
```

Example:

```
{  
    auto_remove_unread = true;  
    ask_subject = false;  
    thread_indent_replies = 2;  
}
```

Declared by:

[<home-manager/modules/programs/alot.nix>](#)

programs.alot.tags

How to display the tags.

Type: attribute set of (submodule)

Default: { }

Declared by:

[<home-manager/modules/programs/alot.nix>](#)

programs.alot.tags.<name>.focus

How to display the tag when focused.

Type: null or string

Default: null

Declared by:

[<home-manager/modules/programs/alot.nix>](#)

programs.alot.tags.<name>.normal

How to display the tag when unfocused. See <https://alot.readthedocs.io/en/latest/configuration/theming.html#tagstring-formatting>.

Type: null or string

Default: null

Example: " ' ', ' ', 'white','light red','white','#d66' "

Declared by:

[`<home-manager/modules/programs/alot.nix>`](#)[`programs.alot.tags.<name>.translated`](#)

Fixed string representation for this tag. The tag can be hidden from view, if the key translated is set to "", the empty string.

Type: null or string

Declared by:

[`<home-manager/modules/programs/alot.nix>`](#)[`programs.alot.tags.<name>.translation`](#)

A pair of strings that define a regular substitution to compute the string representation on the fly using `re.sub`.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/programs/alot.nix>`](#)[`programs.aria2.enable`](#)

Whether to enable aria2.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/aria2.nix>`](#)[`programs.aria2.extraConfig`](#)

Extra lines added to `aria2.conf` file.

Type: strings concatenated with "\n"

Default: ""

Declared by:

[`<home-manager/modules/programs/aria2.nix>`](#)

programs.aria2.settings

Options to add to aria2.conf file. See aria2c(1) for options.

Type: attribute set of (boolean or floating point number or signed integer or string)

Default: { }

Example:

```
{  
    listen-port = 60000;  
    dht-listen-port = 60000;  
    seed-ratio = 1.0;  
    max-upload-limit = "50K";  
    ftp-pasv = true;  
}
```

Declared by:

[<home-manager/modules/programs/aria2.nix>](#)

programs.astroid.enable

Whether to enable Astroid.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/astroid.nix>](#)

programs.astroid.externalEditor

You can use the following variables:

%1

file name

%2

server name

%3

socket ID

See [Customizing editor](#) on the Astroid wiki.

Type: null or string

Default: null

Example: "nvim-qt -- -c 'set ft=mail' '+set fileencoding=utf-8' '+set ff=unix' '+set enc=utf-8' '+set fo+=w' %1"

Declared by:

[`<home-manager/modules/programs/astroid.nix>`](#)

`programs.astroid.extraConfig`

JSON config that will override the default Astroid configuration.

Type: JSON value

Default: { }

Example:

```
{  
  poll.interval = 0;  
}
```

Declared by:

[`<home-manager/modules/programs/astroid.nix>`](#)

`programs.astroid.pollScript`

Script to run to fetch/update mails.

Type: string

Default: ""

Example: "mbsync gmail"

Declared by:

[`<home-manager/modules/programs/astroid.nix>`](#)

`programs.atuin.enable`

Whether to enable atuin.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/atuin.nix>`](#)

`programs.atuin.enableBashIntegration`

Whether to enable Atuin's Bash integration. This will bind `ctrl-r` to open the Atuin history.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/atuin.nix>`](#)

`programs.atuin.enableFishIntegration`

Whether to enable Atuin's Fish integration.

If enabled, this will bind the up-arrow key to open the Atuin history.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/atuin.nix>`](#)

`programs.atuin.enableNushellIntegration`

Whether to enable Nushell integration.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/atuin.nix>](#)

programs.atuin.enableZshIntegration

Whether to enable Atuin's Zsh integration.

If enabled, this will bind `ctrl-r` and the up-arrow key to open the Atuin history.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/atuin.nix>](#)

programs.atuin.package

The package to use for atuin.

Type: package

Default: pkgs.atuin

Declared by:

[<home-manager/modules/programs/atuin.nix>](#)

programs.atuin.flags

Flags to append to the shell hook.

Type: list of string

Default: []

Example:

```
[  
  "--disable-up-arrow"  
  "--disable-ctrl-r"  
]
```

Declared by:

[<home-manager/modules/programs/atuin.nix>](#)

programs.atuin.settings

Configuration written to `$XDG_CONFIG_HOME/atuin/config.toml`.

See <https://atuin.sh/docs/config/> for the full list of options.

Type: Atuin configuration

Default: { }

Example:

```
{  
    auto_sync = true;  
    sync_frequency = "5m";  
    sync_address = "https://api.atuin.sh";  
    search_mode = "prefix";  
}
```

Declared by:

[`<home-manager/modules/programs/atuin.nix>`](#)

programs.autojump.enable

Whether to enable autojump.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/autojump.nix>`](#)

programs.autojump.enableBashIntegration

Whether to enable Bash integration.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/autojump.nix>`](#)[`programs.autojump.enableFishIntegration`](#)

Whether to enable Fish integration.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/autojump.nix>`](#)[`programs.autojump.enableZshIntegration`](#)

Whether to enable Zsh integration.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/autojump.nix>`](#)[`programs.autorandr.enable`](#)

Whether to enable Autorandr.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/autorandr.nix>`](#)[`programs.autorandr.hooks`](#)

Global hook scripts

Type: submodule

Default: { }

Example:

```
{  
  postswitch = {  
    "notify-i3" = "${pkgs.i3}/bin/i3-msg restart";  
    "change-background" = readFile ./change-background.sh;  
    "change-dpi" = ''  
    case "$AUTORANDR_CURRENT_PROFILE" in  
      default)  
        DPI=120  
        ;;  
      home)  
        DPI=192  
        ;;  
      work)  
        DPI=144  
        ;;  
    *)  
        echo "Unknown profile: $AUTORANDR_CURRENT_PROFILE"  
        exit 1  
    esac  
  
    echo "Xft.dpi: $DPI" | ${pkgs.xorg.xrdb}/bin/xrdb -merge  
  };  
}
```

Declared by:

[<home-manager/modules/programs/autorandr.nix>](#)

[programs.autorandr.hooks.postswitch](#)

Postswitch hook executed after mode switch.

Type: attribute set of strings concatenated with “\n”

Default: { }

Declared by:

[<home-manager/modules/programs/autorandr.nix>](#)

[programs.autorandr.hooks.predetect](#)

Predetect hook executed before autorandr attempts to run xrandr.

Type: attribute set of strings concatenated with “\n”

Default: { }

Declared by:

[<home-manager/modules/programs/autorandr.nix>](#)

[programs.autorandr.hooks.preswitch](#)

Preswitch hook executed before mode switch.

Type: attribute set of strings concatenated with “\n”

Default: { }

Declared by:

[<home-manager/modules/programs/autorandr.nix>](#)

[programs.autorandr.profiles](#)

Autorandr profiles specification.

Type: attribute set of (submodule)

Default: { }

Example:

```
{  
  "work" = {  
    fingerprint = {  
      eDP1 = "<EDID>";  
      DP1 = "<EDID>";  
    };  
    config = {  
      eDP1.enable = false;  
      DP1 = {  
        enable = true;  
        crtc = 0;  
        primary = true;  
        position = "0x0";  
        mode = "3840x2160";  
        gamma = "1.0:0.909:0.833";  
        rate = "60.00";  
        rotate = "left";  
      };  
    };  
  };  
}
```

```
    };
};

hooks.postswitch = readFile ./work-postswitch.sh;
};

}
```

Declared by:

[<home-manager/modules/programs/autorandr.nix>](#)

programs.autorandr.profiles.<name>.config

Per output profile configuration.

Type: attribute set of (submodule)

Default: { }

Declared by:

[<home-manager/modules/programs/autorandr.nix>](#)

programs.autorandr.profiles.<name>.config.<name>.enable

Whether to enable the output.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/autorandr.nix>](#)

programs.autorandr.profiles.<name>.config.<name>.crtc

Output video display controller.

Type: null or (unsigned integer, meaning ≥ 0)

Default: null

Example: 0

Declared by:

[<home-manager/modules/programs/autorandr.nix>](#)

[programs.autorandr.profiles.<name>.config.<name>.dpi](#)

Output DPI configuration.

Type: null or (positive integer, meaning >0)

Default: null

Example: 96

Declared by:

[<home-manager/modules/programs/autorandr.nix>](#)

[programs.autorandr.profiles.<name>.config.<name>.filter](#)

Interpolation method to be used for scaling the output.

Type: null or one of “bilinear”, “nearest”

Default: null

Example: "nearest"

Declared by:

[<home-manager/modules/programs/autorandr.nix>](#)

[programs.autorandr.profiles.<name>.config.<name>.gamma](#)

Output gamma configuration.

Type: string

Default: ""

Example: "1.0:0.909:0.833"

Declared by:

[<home-manager/modules/programs/autorandr.nix>](#)

[programs.autorandr.profiles.<name>.config.<name>.mode](#)

Output resolution.

Type: string

Default: ""

Example: "3840x2160"

Declared by:

[<home-manager/modules/programs/autorandr.nix>](#)

programs.autorandr.profiles.<name>.config.<name>.position

Output position

Type: string

Default: ""

Example: "5760x0"

Declared by:

[<home-manager/modules/programs/autorandr.nix>](#)

programs.autorandr.profiles.<name>.config.<name>.primary

Whether output should be marked as primary

Type: boolean

Default: false

Declared by:

[<home-manager/modules/programs/autorandr.nix>](#)

programs.autorandr.profiles.<name>.config.<name>.rate

Output framerate.

Type: string

Default: ""

Example: "60.00"

Declared by:

[<home-manager/modules/programs/autorandr.nix>](#)

programs.autorandr.profiles.<name>.config.<name>.rotate

Output rotate configuration.

Type: null or one of "normal", "left", "right", "inverted"

Default: null

Example: "left"

Declared by:

[<home-manager/modules/programs/autorandr.nix>](#)

[programs.autorandr.profiles.<name>.config.<name>.scale](#)

Output scale configuration.

Either configure by pixels or a scaling factor. When using pixel method the xrandr(1) option --scale-from will be used; when using factor method the option --scale will be used.

This option is a shortcut version of the transform option and they are mutually exclusive.

Type: null or (submodule)

Default: null

Example:

```
{  
  x = 1.25;  
  y = 1.25;  
}
```

Declared by:

[<home-manager/modules/programs/autorandr.nix>](#)

[programs.autorandr.profiles.<name>.config.<name>.scale.method](#)

Output scaling method.

Type: one of "factor", "pixel"

Default: "factor"

Example: "pixel"

Declared by:

[<home-manager/modules/programs/autorandr.nix>](#)

[programs.autorandr.profiles.<name>.config.<name>.scale.x](#)

Horizontal scaling factor/pixels.

Type: floating point number or (positive integer, meaning >0)

Declared by:

[<home-manager/modules/programs/autorandr.nix>](#)

[programs.autorandr.profiles.<name>.config.<name>.scale.y](#)

Vertical scaling factor/pixels.

Type: floating point number or (positive integer, meaning >0)

Declared by:

[<home-manager/modules/programs/autorandr.nix>](#)

[programs.autorandr.profiles.<name>.config.<name>.transform](#)

Refer to xrandr(1) for the documentation of the transform matrix.

Type: null or (3×3 matrix of floating point numbers)

Default: null

Example:

```
[  
 [ 0.6 0.0 0.0 ]  
 [ 0.0 0.6 0.0 ]  
 [ 0.0 0.0 1.0 ]  
]
```

Declared by:

[<home-manager/modules/programs/autorandr.nix>](#)

[programs.autorandr.profiles.<name>.fingerprint](#)

Output name to EDID mapping. Use autorandr --fingerprint to get current setup values.

Type: attribute set of string

Default: { }

Declared by:

[`<home-manager/modules/programs/autorandr.nix>`](#)[`programs.autorandr.profiles.<name>.hooks`](#)

Profile hook scripts.

Type: submodule

Default: { }

Declared by:

[`<home-manager/modules/programs/autorandr.nix>`](#)[`programs.autorandr.profiles.<name>.hooks.postswitch`](#)

Postswitch hook executed after mode switch.

Type: strings concatenated with “\n”

Default: " "

Declared by:

[`<home-manager/modules/programs/autorandr.nix>`](#)[`programs.autorandr.profiles.<name>.hooks.prdetect`](#)

Predetect hook executed before autorandr attempts to run xrandr.

Type: strings concatenated with “\n”

Default: " "

Declared by:

[`<home-manager/modules/programs/autorandr.nix>`](#)[`programs.autorandr.profiles.<name>.hooks.preswitch`](#)

Preswitch hook executed before mode switch.

Type: strings concatenated with “\n”

Default: " "

Declared by:

[`<home-manager/modules/programs/autorandr.nix>`](#)[`programs.awscli.enable`](#)

Whether to enable AWS CLI tool.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/awscli.nix>](#)

programs.awscli.package

Package providing `aws`.

Type: package

Default: pkgs.awscli2

Declared by:

[<home-manager/modules/programs/awscli.nix>](#)

programs.awscli.credentials

Configuration written to `$HOME/.aws/credentials`.

For security reasons, never store cleartext passwords here. We recommend that you use `credential_process` option to retrieve the IAM credentials from your favorite password manager during runtime, or use AWS IAM Identity Center to get short-term credentials.

See <https://docs.aws.amazon.com/cli/latest/userguide/cli-chap-authentication.html>.

Type: attribute set of attribute set of (INI atom (null, bool, int, float or string))

Default: { }

Example:

```
{  
  "default" = {  
    "credential_process" = "${pkgs.pass}/bin/pass show aws";  
  };  
};
```

Declared by:

<home-manager/modules/programs/awscli.nix>programs.awscli.settings

Configuration written to \$HOME/.aws/config.

Type: attribute set of attribute set of (INI atom (null, bool, int, float or string))

Default: { }

Example:

```
{  
  "default" = {  
    region = "eu-west-3";  
    output = "json";  
  };  
};
```

Declared by:

<home-manager/modules/programs/awscli.nix>programs.bacon.enable

Whether to enable bacon, a background rust code checker.

Type: boolean

Default: false

Example: true

Declared by:

<home-manager/modules/programs/bacon.nix>programs.bacon.settings

Bacon configuration. For available settings see <https://dystroy.org/bacon/#global-preferences>.

Type: TOML value

Example:

```
{  
  jobs = {  
    default = {  
      command = [  
        "cargo"  
        "build"  
        "--all-features"  
        "--color"  
        "always"  
      ];  
      need_stdout = true;  
    };  
  };  
}
```

Declared by:

[<home-manager/modules/programs/bacon.nix>](#)

programs.bash.enable

Whether to enable GNU Bourne-Again SHell.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/bash.nix>](#)

programs.bash.enableCompletion

Whether to enable Bash completion for all interactive Bash shells.

Note, if you use NixOS or nix-darwin and do not have Bash completion enabled in the system configuration, then make sure to add

```
environment.pathsToLink = [ "/share/bash-completion" ];
```

to your system configuration to get completion for system packages. Note, the legacy

`/etc/bash_completion.d` path is not supported by Home Manager.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/bash.nix>`](#)

[programs.bash.enableVteIntegration](#)

Whether to enable integration with terminals using the VTE library. This will let the terminal track the current working directory.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/misc/vte.nix>`](#)

[programs.bash.bashrcExtra](#)

Extra commands that should be placed in `~/.bashrc`. Note that these commands will be run even in non-interactive shells.

Type: strings concatenated with “`\n`”

Default: “ ”

Declared by:

[`<home-manager/modules/programs/bash.nix>`](#)

[programs.bash.historyControl](#)

Controlling how commands are saved on the history list.

Type: list of (one of “erasedups”, “ignoredups”, “ignorespace”)

Default: []

Declared by:

[`<home-manager/modules/programs/bash.nix>`](#)

[programs.bash.historyFile](#)

Location of the bash history file.

Type: null or string

Default: null

Declared by:

[<home-manager/modules/programs/bash.nix>](#)

programs.bash.historyFileSize

Number of history lines to keep on file.

Type: signed integer

Default: 100000

Declared by:

[<home-manager/modules/programs/bash.nix>](#)

programs.bash.historyIgnore

List of commands that should not be saved to the history list.

Type: list of string

Default: []

Example:

```
[  
  "ls"  
  "cd"  
  "exit"  
]
```

Declared by:

[<home-manager/modules/programs/bash.nix>](#)

programs.bash.historySize

Number of history lines to keep in memory.

Type: signed integer

Default: 10000

Declared by:

[<home-manager/modules/programs/bash.nix>](#)

programs.bash.initExtra

Extra commands that should be run when initializing an interactive shell.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[<home-manager/modules/programs/bash.nix>](#)

programs.bash.logoutExtra

Extra commands that should be run when logging out of an interactive shell.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[<home-manager/modules/programs/bash.nix>](#)

programs.bash.profileExtra

Extra commands that should be run when initializing a login shell.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[<home-manager/modules/programs/bash.nix>](#)

programs.bash.sessionVariables

Environment variables that will be set for the Bash session.

Type: attribute set

Default: { }

Example:

```
{  
  MAILCHECK = 30;  
}
```

Declared by:

[<home-manager/modules/programs/bash.nix>](#)

[programs.bash.shellAliases](#)

An attribute set that maps aliases (the top level attribute names in this option) to command strings or directly to build outputs.

Type: attribute set of string

Default: { }

Example:

```
{  
  ll = "ls -l";  
  ".." = "cd ..";  
}
```

Declared by:

[<home-manager/modules/programs/bash.nix>](#)

[programs.bash.shellOptions](#)

Shell options to set. Prefix an option with “-” to unset.

Type: list of string

Default:

```
[  
  "histappend"  
  "checkwinsize"  
  "extglob"  
  "globstar"
```

```
"checkjobs"  
]
```

Example:

```
[  
  "extglob"  
  "-cdspell"  
]
```

Declared by:

[<home-manager/modules/programs/bash.nix>](#)

programs.bashmount.enable

Whether to enable bashmount.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/bashmount.nix>](#)

programs.bashmount.extraConfig

Configuration written to \$XDG_CONFIG_HOME/bashmount/config. Look at <https://github.com/jamielinux/bashmount/blob/master/bashmount.conf> for explanation about possible values.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[<home-manager/modules/programs/bashmount.nix>](#)

programs.bat.enable

Whether to enable bat, a cat clone with wings.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/bat.nix>`](#)

[programs.bat.config](#)

Bat configuration.

Type: attribute set of (string or list of string or boolean)

Default: { }

Example:

```
{  
    map-syntax = [  
        ".jenkinsfile:Groovy"  
        ".props:Java Properties"  
    ];  
    pager = "less -FR";  
    theme = "TwoDark";  
}
```

Declared by:

[`<home-manager/modules/programs/bat.nix>`](#)

[programs.bat.extraPackages](#)

Additional bat packages to install.

Type: list of package

Default: []

Example: with pkgs.bat-extras; [batdiff batman batgrep batwatch];

Declared by:

[`<home-manager/modules/programs/bat.nix>`](#)

[programs.bat.syntaxes](#)

Additional syntaxes to provide.

Type: attribute set of (strings concatenated with “\n” or (submodule))

Default: { }

Example:

```
{  
  gleam = {  
    src = pkgs.fetchFromGitHub {  
      owner = "molnarmark";  
      repo = "sublime-gleam";  
      rev = "2e761cdb1a87539d827987f997a20a35efd68aa9";  
      hash = "sha256-Zj2DKTc01t9g18qsNKtpHKElbRSc9nBRE2QBzRn9+qs=";  
    };  
    file = "syntax/gleam.sublime-syntax";  
  };  
}
```

Declared by:

[<home-manager/modules/programs/bat.nix>](#)

programs.bat.themes

Additional themes to provide.

Type: attribute set of (strings concatenated with “\n” or (submodule))

Default: { }

Example:

```
{  
  dracula = {  
    src = pkgs.fetchFromGitHub {  
      owner = "dracula";  
      repo = "sublime"; # Bat uses sublime syntax for its themes  
      rev = "26c57ec282abcaa76e57e055f38432bd827ac34e";  
      sha256 = "019hf14zbn4vm4154hh3bwk6hm7bdxb1hdw83nabxwjn99ndhv";  
    };  
}
```

```
    file = "Dracula.tmTheme";
};

}
```

Declared by:

[`<home-manager/modules/programs/bat.nix>`](#)

[programs.beets.enable](#)

Whether to enable the beets music library manager. This defaults to `false` for state version ≥ 19.03 . For earlier versions beets is enabled if `programs.beets.settings` is non-empty.

Type: boolean

Default: "false"

Declared by:

[`<home-manager/modules/programs/beets.nix>`](#)

[programs.beets.package](#)

The beets package to use. Can be used to specify extensions.

Type: package

Default: `pkgs.beets`

Example: `(pkgs.beets.override { enableCheck = true; })`

Declared by:

[`<home-manager/modules/programs/beets.nix>`](#)

[programs.beets.mpdIntegration.enableStats](#)

Whether to enable mpdstats plugin and service.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/beets.nix>`](#)

programs.beets.mpdIntegration.enableUpdate

Whether to enable mpdupdate plugin.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/beets.nix>](#)

programs.beets.mpdIntegration.host

The host that mpdstats will connect to.

Type: string

Default: "localhost"

Example: "10.0.0.42"

Declared by:

[<home-manager/modules/programs/beets.nix>](#)

programs.beets.mpdIntegration.port

The port that mpdstats will connect to.

Type: 16 bit unsigned integer; between 0 and 65535 (both inclusive)

Default: config.services.mpd.network.port

Example: 6601

Declared by:

[<home-manager/modules/programs/beets.nix>](#)

programs.beets.settings

Configuration written to \$XDG_CONFIG_HOME/beets/config.yaml

Type: YAML value

Default: { }

Declared by:

[<home-manager/modules/programs/beets.nix>](#)[programs.bemenu.enable](#)

Whether to enable bemenu.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/bemenu.nix>](#)[programs.bemenu.package](#)

The bemenu package to use.

Type: package

Default: pkgs.bemenu

Declared by:

[<home-manager/modules/programs/bemenu.nix>](#)[programs.bemenu.settings](#)

Configuration options for bemenu. See bemenu(1).

Type: attribute set of (string or signed integer or floating point number or boolean)

Default: { }

Example:

```
{  
    line-height = 28;  
    prompt = "open";  
    ignorecase = true;  
    fb = "#1e1e2e";  
    ff = "#cdd6f4";  
    nb = "#1e1e2e";  
    nf = "#cdd6f4";  
    tb = "#1e1e2e";  
    hb = "#1e1e2e";
```

```
    tf = "#f38ba8";
    hf = "#f9e2af";
    af = "#cdd6f4";
    ab = "#1e1e2e";
    width-factor = 0.3;
}
```

Declared by:

[`<home-manager/modules/programs/bemenu.nix>`](#)

`programs.borgmatic.enable`

Whether to enable Borgmatic.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/borgmatic.nix>`](#)

`programs.borgmatic.package`

The borgmatic package to use.

Type: package

Default: pkgs.borgmatic

Declared by:

[`<home-manager/modules/programs/borgmatic.nix>`](#)

`programs.borgmatic.backups`

Borgmatic allows for several named backup configurations, each with its own source directories and repositories.

Type: attribute set of (submodule)

Example:

```
{  
  personal = {  
    location = {  
      sourceDirectories = [ "/home/me/personal" ];  
      repositories = [ "ssh://myuser@myserver.com/.personal-repo" ];  
    };  
  };  
  work = {  
    location = {  
      sourceDirectories = [ "/home/me/work" ];  
      repositories = [ "ssh://myuser@myserver.com/.work-repo" ];  
    };  
  };  
};
```

Declared by:

[<home-manager/modules/programs/borgmatic.nix>](#)

programs.borgmatic.backups.<name>.consistency.checks

Consistency checks to run

Type: list of (submodule)

Default: []

Example:

```
[  
{  
  name = "repository";  
  frequency = "2 weeks";  
}  
{  
  name = "archives";  
  frequency = "4 weeks";  
}  
{  
  name = "data";  
  frequency = "6 weeks";  
}
```

```
{  
    name = "extract";  
    frequency = "6 weeks";  
}  
];
```

Declared by:

[<home-manager/modules/programs/borgmatic.nix>](#)

programs.borgmatic.backups.<name>.consistency.checks.*.frequency

Frequency of this type of check

Type: null or string matching the pattern ([:digit:]+ .*)|always

Default: null

Example: "2 weeks"

Declared by:

[<home-manager/modules/programs/borgmatic.nix>](#)

programs.borgmatic.backups.<name>.consistency.checks.*.name

Name of consistency check to run.

Type: one of "repository", "archives", "data", "extract"

Example: "repository"

Declared by:

[<home-manager/modules/programs/borgmatic.nix>](#)

programs.borgmatic.backups.<name>.consistency.extraConfig

Extra settings.

Type: YAML value

Default: { }

Declared by:

[<home-manager/modules/programs/borgmatic.nix>](#)

[programs.borgmatic.backups.<name>.hooks.extraConfig](#)

Extra settings.

Type: YAML value

Default: { }

Declared by:

[<home-manager/modules/programs/borgmatic.nix>](#)

[programs.borgmatic.backups.<name>.location.excludeHomeManagerSymlinks](#)

Whether to exclude Home Manager generated symbolic links from the backups. This facilitates restoring the whole home directory when the Nix store doesn't contain the latest Home Manager generation.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/borgmatic.nix>](#)

[programs.borgmatic.backups.<name>.location.extraConfig](#)

Extra settings.

Type: YAML value

Default: { }

Declared by:

[<home-manager/modules/programs/borgmatic.nix>](#)

[programs.borgmatic.backups.<name>.location.repositories](#)

List of local or remote repositories with paths and optional labels.

Type: list of (string or (submodule))

Example:

[

{

```
    "path" = "ssh://myuser@myrepo.myserver.com/.repo";
    "label" = "server";
}
{
    "path" = "/var/lib/backups/local.borg";
    "label" = "local";
}
]
```

Declared by:

[<home-manager/modules/programs/borgmatic.nix>](#)

programs.borgmatic.backups.<name>.location.sourceDirectories

Directories to backup.

Type: list of string

Example: [config.home.homeDirectory]

Declared by:

[<home-manager/modules/programs/borgmatic.nix>](#)

programs.borgmatic.backups.<name>.output.extraConfig

Extra settings.

Type: YAML value

Default: { }

Declared by:

[<home-manager/modules/programs/borgmatic.nix>](#)

programs.borgmatic.backups.<name>.retention.extraConfig

Extra settings.

Type: YAML value

Default: { }

Declared by:

[<home-manager/modules/programs/borgmatic.nix>](#)

[programs.borgmatic.backups.<name>.retention.keepDaily](#)

Number of daily archives to keep. Use -1 for no limit.

Type: null or signed integer

Default: null

Example: 3

Declared by:

[<home-manager/modules/programs/borgmatic.nix>](#)

[programs.borgmatic.backups.<name>.retention.keepHourly](#)

Number of hourly archives to keep. Use -1 for no limit.

Type: null or signed integer

Default: null

Example: 3

Declared by:

[<home-manager/modules/programs/borgmatic.nix>](#)

[programs.borgmatic.backups.<name>.retention.keepMinutely](#)

Number of minutely archives to keep. Use -1 for no limit.

Type: null or signed integer

Default: null

Example: 3

Declared by:

[<home-manager/modules/programs/borgmatic.nix>](#)

[programs.borgmatic.backups.<name>.retention.keepMonthly](#)

Number of monthly archives to keep. Use -1 for no limit.

Type: null or signed integer

Default: null

Example: 3

Declared by:

[`<home-manager/modules/programs/borgmatic.nix>`](#)

[`programs.borgmatic.backups.<name>.retention.keepSecondly`](#)

Number of secondly archives to keep. Use -1 for no limit.

Type: null or signed integer

Default: null

Example: 3

Declared by:

[`<home-manager/modules/programs/borgmatic.nix>`](#)

[`programs.borgmatic.backups.<name>.retention.keepWeekly`](#)

Number of weekly archives to keep. Use -1 for no limit.

Type: null or signed integer

Default: null

Example: 3

Declared by:

[`<home-manager/modules/programs/borgmatic.nix>`](#)

[`programs.borgmatic.backups.<name>.retention.keepWithin`](#)

Keep all archives within this time interval.

Type: null or string matching the pattern `[:digit:]]+[Hdwmy]`

Default: null

Example: "2d"

Declared by:

[`<home-manager/modules/programs/borgmatic.nix>`](#)

[`programs.borgmatic.backups.<name>.retention.keepYearly`](#)

Number of yearly archives to keep. Use -1 for no limit.

Type: null or signed integer

Default: null

Example: 3

Declared by:

[`<home-manager/modules/programs/borgmatic.nix>`](#)

[`programs.borgmatic.backups.<name>.storage.encryptionPasscommand`](#)

Command writing the passphrase to standard output.

Type: null or string

Default: null

Example: "\${pkgs.password-store}/bin/pass borg-repo"

Declared by:

[`<home-manager/modules/programs/borgmatic.nix>`](#)

[`programs.borgmatic.backups.<name>.storage.extraConfig`](#)

Extra settings.

Type: YAML value

Default: { }

Declared by:

[`<home-manager/modules/programs/borgmatic.nix>`](#)

[`programs.bottom.enable`](#)

Whether to enable bottom, a cross-platform graphical process/system monitor with a customizable interface.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/bottom.nix>`](#)

[`programs.bottom.package`](#)

Package providing **bottom**.

Type: package

Default: pkgs.bottom

Declared by:

[`<home-manager/modules/programs/bottom.nix>`](#)

programs.bottom.settings

Configuration written to `$XDG_CONFIG_HOME/bottom/bottom.toml`.

See https://github.com/ClementTsang/bottom/blob/master/sample_configs/default_config.toml for the default configuration.

Type: TOML value

Default: { }

Example:

```
{  
    flags = {  
        avg_cpu = true;  
        temperature_type = "c";  
    };  
  
    colors = {  
        low_battery_color = "red";  
    };  
}
```

Declared by:

[`<home-manager/modules/programs/bottom.nix>`](#)

programs.boxxy.enable

Whether to enable boxxy: Boxes in badly behaving applications.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/boxxy.nix>](#)

programs.boxxy.package

The boxxy package to use.

Type: package

Default: pkgs.boxxy

Declared by:

[<home-manager/modules/programs/boxxy.nix>](#)

programs.boxxy.rules

List of boxxy rules

Type: list of (YAML value)

Default: []

Declared by:

[<home-manager/modules/programs/boxxy.nix>](#)

programs.boxxy.rules.*.context

Apply redirection ONLY when in a certain directory.

Type: list of string

Default: []

Example:

```
[  
  "/home/example/Projects/my-project"  
]
```

Declared by:

[<home-manager/modules/programs/boxxy.nix>](#)

programs.boxxy.rules.*.env

Give certain environment variables for said match.

Type: attribute set of string

Default: { }

Example:

```
{  
    MY_ENV_VAR = "my_env_var_value";  
}
```

Declared by:

[<home-manager/modules/programs/boxxy.nix>](#)

programs.boxxy.rules.*.mode

Does the current path redirect a file or a directory?

Type: one of “file”, “directory”

Default: “directory”

Declared by:

[<home-manager/modules/programs/boxxy.nix>](#)

programs.boxxy.rules.*.name

Unique identifier of the boxxy rule. This can be any single-line string.

Type: string

Declared by:

[<home-manager/modules/programs/boxxy.nix>](#)

programs.boxxy.rules.*.only

Apply redirection ONLY to specified executable names.

Type: list of string

Default: []

Example:

```
[  
  "bash"  
  "/usr/bin/sh"  
]
```

Declared by:

[<home-manager/modules/programs/boxxy.nix>](#)

[programs.boxxy.rules.*.rewrite](#)

Where that file/directory should be rewritten to.

Type: string

Default: ""

Example: "\${config.xdg.configHome}/ssh"

Declared by:

[<home-manager/modules/programs/boxxy.nix>](#)

[programs.boxxy.rules.*.target](#)

What directory/file to redirect.

Type: string

Default: ""

Example: "~/ssh"

Declared by:

[<home-manager/modules/programs/boxxy.nix>](#)

[programs.broot.enable](#)

Whether to enable Broot, a better way to navigate directories.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/broot.nix>`](#)[`programs.broot.enableBashIntegration`](#)

Whether to enable Bash integration.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/broot.nix>`](#)[`programs.broot.enableFishIntegration`](#)

Whether to enable Fish integration.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/broot.nix>`](#)[`programs.broot.enableNushellIntegration`](#)

Whether to enable Nushell integration.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/broot.nix>`](#)[`programs.broot.enableZshIntegration`](#)

Whether to enable Zsh integration.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/broot.nix>`](#)[`programs.broot.package`](#)

Package providing broot

Type: package

Default: pkgs.broot

Declared by:

[<home-manager/modules/programs/broot.nix>](#)

programs.broot.settings

Verbatim config entries

Type: TOML value

Default: { }

Declared by:

[<home-manager/modules/programs/broot.nix>](#)

programs.broot.settings.modal

Whether to enable modal (vim) mode.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/broot.nix>](#)

programs.broot.settings.skin

Color configuration.

Complete list of keys (expected to change before the v1 of broot):

- char_match
- code
- directory
- exe
- file

- file_error
- flag_label
- flag_value
- input
- link
- permissions
- selected_line
- size_bar_full
- size_bar_void
- size_text
- spinner
- status_error
- status_normal
- table_border
- tree
- unlisted

Add _fg for a foreground color and _bg for a background color.

Type: attribute set of string

Default: { }

Example:

```
{  
    status_normal_fg = "grayscale(18)";  
    status_normal_bg = "grayscale(3)";  
    status_error_fg = "red";  
    status_error_bg = "yellow";  
    tree_fg = "red";  
    selected_line_bg = "grayscale(7)";  
    permissions_fg = "grayscale(12)";  
    size_bar_full_bg = "red";
```

```
size_bar_void_bg = "black";
directory_fg = "lightyellow";
input_fg = "cyan";
flag_value_fg = "lightyellow";
table_border_fg = "red";
code_fg = "lightyellow";
}
```

Declared by:

[`<home-manager/modules/programs/broot.nix>`](#)

`programs.broot.settings.verbs`

Define new verbs. For more information, see [Verb Definition Attributes](#) in the broot documentation.

The possible attributes are:

`invocation` (optional)

how the verb is called by the user, with placeholders for arguments

`execution` (mandatory)

how the verb is executed

`key` (optional)

a keyboard key triggering execution

`shortcut` (optional)

an alternate way to call the verb (without the arguments part)

`leave_broot` (optional)

whether to quit broot on execution (default: `true`)

`from_shell` (optional)</term>

whether the verb must be executed from the parent shell (default: `false`)

Type: list of attribute set of (boolean or string)

Default: []

Example:

```
[  
  { invocation = "p"; execution = ":parent"; }  
  { invocation = "edit"; shortcut = "e"; execution = "$EDITOR {file}" ; }  
  { invocation = "create {subpath}"; execution = "$EDITOR {directory}/{subpath}"; }  
  { invocation = "view"; execution = "less {file}"; }  
  {  
    invocation = "blop {name}\\.{type}";  
    execution = "mkdir {parent}/{type} && ${pkgs.neovim}/bin/nvim {parent}/{type}/";  
    from_shell = true;  
  }  
]
```

Declared by:

[<home-manager/modules/programs/broot.nix>](#)

programs.browserpass.enable

Whether to enable the browserpass extension host application.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/browserpass.nix>](#)

programs.browserpass.browsers

Which browsers to install browserpass for

Type: list of (one of “brave”, “chrome”, “chromium”, “firefox”, “librewolf”, “vivaldi”)

Default:

```
[  
  "brave"  
  "chrome"  
  "chromium"  
  "firefox"  
  "librewolf"
```

```
    "vivaldi"  
]
```

Example:

```
[  
  "firefox"  
]
```

Declared by:

[`<home-manager/modules/programs/browserpass.nix>`](#)

[programs.btop.enable](#)

Whether to enable btop.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/btop.nix>`](#)

[programs.btop.package](#)

The btop package to use.

Type: package

Default: pkgs.btop

Declared by:

[`<home-manager/modules/programs/btop.nix>`](#)

[programs.btop.extraConfig](#)

Extra lines added to the `btop.conf` file.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[`<home-manager/modules/programs/btop.nix>`](#)

[`programs.btop.settings`](#)

Options to add to `btop.conf` file. See <https://github.com/aristocratos/btop#configurability> for options.

Type: attribute set of (boolean or floating point number or signed integer or string)

Default: { }

Example:

```
{  
    color_theme = "Default";  
    theme_background = false;  
}
```

Declared by:

[`<home-manager/modules/programs/btop.nix>`](#)

[`programs.carapace.enable`](#)

Whether to enable carapace, a multi-shell multi-command argument completer.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/carapace.nix>`](#)

[`programs.carapace.enableBashIntegration`](#)

Whether to enable Bash integration.

Type: boolean

Default: true

Example: true

Declared by:

[`<home-manager/modules/programs/carapace.nix>`](#)

`programs.carapace.enableFishIntegration`

Whether to enable Fish integration.

Type: boolean

Default: true

Example: true

Declared by:

[`<home-manager/modules/programs/carapace.nix>`](#)

`programs.carapace.enableNushellIntegration`

Whether to enable Nushell integration.

Type: boolean

Default: true

Example: true

Declared by:

[`<home-manager/modules/programs/carapace.nix>`](#)

`programs.carapace.enableZshIntegration`

Whether to enable Zsh integration.

Type: boolean

Default: true

Example: true

Declared by:

[`<home-manager/modules/programs/carapace.nix>`](#)

`programs.carapace.package`

The carapace package to use.

Type: package

Default: pkgs.carapace

Declared by:

[<home-manager/modules/programs/carapace.nix>](#)

[programs.cava.enable](#)

Whether to enable Cava audio visualizer.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/cava.nix>](#)

[programs.cava.package](#)

The cava package to use.

Type: package

Default: pkgs.cava

Declared by:

[<home-manager/modules/programs/cava.nix>](#)

[programs.cava.settings](#)

Settings to be written to the Cava configuration file. See https://github.com/karlstav/cava/blob/master/example_files/config for all available options.

Type: attribute set of attribute set of (INI atom (null, bool, int, float or string))

Default: { }

Example:

```
{  
    general.framerate = 60;  
    input.method = "alsa";  
    smoothing.noise_reduction = 88;  
    color = {  
        background = "'#000000'";
```

```
    foreground = "'#FFFFFF'";  
};  
}
```

Declared by:

[`<home-manager/modules/programs/cava.nix>`](#)

[programs.chromium.enable](#)

Whether to enable Chromium.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/chromium.nix>`](#)

[programs.chromium.package](#)

The Chromium package to use.

Type: package

Default: pkgs.chromium

Declared by:

[`<home-manager/modules/programs/chromium.nix>`](#)

[programs.chromium.commandLineArgs](#)

List of command-line arguments to be passed to Chromium.

For a list of common switches, see [Chrome switches](#).

To search switches for other components, see [Chromium codesearch](#).

Type: list of string

Default: []

Example:

```
[  
  "--enable-logging=stderr"  
  "--ignore-gpu-blocklist"  
]
```

Declared by:

[<home-manager/modules/programs/chromium.nix>](#)

programs.chromium.dictionaries

List of Chromium dictionaries to install.

Type: list of package

Default: []

Example:

```
[  
  pkgs.hunspellDictsChromium.en_US  
]
```

Declared by:

[<home-manager/modules/programs/chromium.nix>](#)

programs.chromium.extensions

List of Chromium extensions to install. To find the extension ID, check its URL on the [Chrome Web Store](#).

To install extensions outside of the Chrome Web Store set `updateUrl` or `crxPath` and `version` as explained in the [Chrome documentation](#).

Type: list of ((submodule) or string convertible to it)

Default: []

Example:

```
[
```

```
{ id = "cjpalhdlnbpafiamejdnhcphjbkeiagm"; } # ublock origin
{
  id = "dcpihcpambacapedldabdbpkmachpb";
  updateUrl = "https://raw.githubusercontent.com/iamadamdev/bypass-paywalls-chro
}
{
  id = "aaaaaaaaabbbbbbbbbbccccccccc";
  crxPath = "/home/share/extension.crx";
  version = "1.0";
}
]
```

Declared by:

[home-manager/modules/programs/chromium.nix](#)

programs.chromium.extensions.*.crxPath

Path to the extension's crx file. Linux only.

Type: null or path

Default: null

Declared by:

[home-manager/modules/programs/chromium.nix](#)

programs.chromium.extensions.*.id

The extension's ID from the Chrome Web Store url or the unpacked crx.

Type: string matching the pattern [a-zA-Z]{32}

Default: ""

Declared by:

[home-manager/modules/programs/chromium.nix](#)

programs.chromium.extensions.*.updateUrl

URL of the extension's update manifest XML file. Linux only.

Type: string

Default: "https://clients2.google.com/service/update2/crx"

Declared by:

[`<home-manager/modules/programs/chromium.nix>`](#)

`programs.chromium.extensions.*.version`

The extension's version, required for local installation. Linux only.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/programs/chromium.nix>`](#)

`programs.command-not-found.enable`

Whether to enable command-not-found hook for interactive shell.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/command-not-found/command-not-found.nix>`](#)

`programs.command-not-found.dbPath`

Absolute path to `programs.sqlite`. By default this file will be provided by your channel (`nixexprs.tar.xz`).

Type: path

Default: "/nix/var/nix/profiles/per-user/root/channels/nixos/programs.sqlite"

Declared by:

[`<home-manager/modules/programs/command-not-found/command-not-found.nix>`](#)

`programs.comodoro.enable`

Whether to enable Comodoro, a CLI to manage your time.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/comodoro.nix>`](#)

[programs.comodoro.package](#)

The comodoro package to use.

Type: package

Default: pkgs.comodoro

Declared by:

[`<home-manager/modules/programs/comodoro.nix>`](#)

[programs.comodoro.settings](#)

Comodoro configuration. See <https://pimalaya.org/comodoro/cli/configuration/> for supported values.

Type: TOML value

Default: { }

Declared by:

[`<home-manager/modules/programs/comodoro.nix>`](#)

[programs.darcs.enable](#)

Whether to enable darcs.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/darcs.nix>`](#)

[programs.darcs.package](#)

The darcs package to use.

Type: package

Default: pkgs.darcs

Declared by:

[`<home-manager/modules/programs/darcs.nix>`](#)[`programs.darcs.author`](#)

If this list has a single entry, it will be used as the author when you record a patch. If there are multiple entries, Darcs will prompt you to choose one of them.

Type: list of string

Default: []

Example:

```
[  
  "Fred Bloggs <fred@example.net>"  
]
```

Declared by:

[`<home-manager/modules/programs/darcs.nix>`](#)[`programs.darcs.boring`](#)

File patterns to ignore

Type: list of string

Default: []

Example:

```
[  
  ".idea$"  
  ".iml$"  
  ".stack-work$"  
]
```

Declared by:

[`<home-manager/modules/programs/darcs.nix>`](#)[`programs.dircolors.enable`](#)

Whether to manage `.dir_colors` and set `LS_COLORS`.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/programs/dircolors.nix>`](#)

[`programs.dircolors.enableBashIntegration`](#)

Whether to enable Bash integration.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/dircolors.nix>`](#)

[`programs.dircolors.enableFishIntegration`](#)

Whether to enable Fish integration.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/dircolors.nix>`](#)

[`programs.dircolors.enableZshIntegration`](#)

Whether to enable Zsh integration.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/dircolors.nix>`](#)

[`programs.dircolors.extraConfig`](#)

Extra lines added to `.dir_colors` file.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[`<home-manager/modules/programs/dircolors.nix>`](#)

[programs.dircolors.settings](#)

Options to add to `.dir_colors` file. See `dircolors --print-database` for options.

Type: attribute set of string

Default: { }

Example:

```
{  
    OTHER_WRITABLE = "30;46";  
    ".sh" = "01;32";  
    ".csh" = "01;32";  
}
```

Declared by:

[`<home-manager/modules/programs/dircolors.nix>`](#)

[programs.direnv.enable](#)

Whether to enable direnv, the environment switcher.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/direnv.nix>`](#)

[programs.direnv.enableBashIntegration](#)

Whether to enable Bash integration.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/direnv.nix>`](#)

`programs.direnv.enableFishIntegration`

Whether to enable Fish integration. Note, enabling the direnv module will always active its functionality for Fish since the direnv package automatically gets loaded in Fish. If this is not the case try adding

```
environment.pathsToLink = [ "/share/fish" ];
```

to the system configuration.

Type: boolean (*read only*)

Default: true

Declared by:

[`<home-manager/modules/programs/direnv.nix>`](#)

`programs.direnv.enableNushellIntegration`

Whether to enable Nushell integration.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/direnv.nix>`](#)

`programs.direnv.enableZshIntegration`

Whether to enable Zsh integration.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/direnv.nix>`](#)

`programs.direnv.package`

The direnv package to use.

Type: package

Default: pkgs.direnv

Declared by:

[`<home-manager/modules/programs/direnv.nix>`](#)

[programs.direnv.config](#)

Configuration written to `$XDG_CONFIG_HOME/direnv/direnv.toml`.

See `direnv.toml(1)`. for the full list of options.

Type: TOML value

Default: { }

Declared by:

[`<home-manager/modules/programs/direnv.nix>`](#)

[programs.direnv.nix-direnv.enable](#)

Whether to enable `nix-direnv`, a fast, persistent use_nix implementation for direnv.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/direnv.nix>`](#)

[programs.direnv.nix-direnv.package](#)

The nix-direnv package to use.

Type: package

Default: pkgs.nix-direnv

Declared by:

[`<home-manager/modules/programs/direnv.nix>`](#)

[programs.direnv.stdlib](#)

Custom stdlib written to `$XDG_CONFIG_HOME/direnv/direnvrc`.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[`<home-manager/modules/programs/direnv.nix>`](#)

[`programs.discocss.enable`](#)

Whether to enable discocss, a tiny Discord CSS injector for Linux and MacOS.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/discocss.nix>`](#)

[`programs.discocss.package`](#)

The discocss package to use.

Type: package

Default: pkgs.discocss

Declared by:

[`<home-manager/modules/programs/discocss.nix>`](#)

[`programs.discocss.css`](#)

The custom CSS for discocss to use.

Type: string

Default: “ ”

Declared by:

[`<home-manager/modules/programs/discocss.nix>`](#)

[`programs.discocss.discordAlias`](#)

Whether to alias discocss to discord.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/discocss.nix>`](#)

[programs.discocss.discordPackage](#)

The discord package to use.

Type: package

Default: pkgs.discord

Declared by:

[`<home-manager/modules/programs/discocss.nix>`](#)

[programs.eclipse.enable](#)

Whether to enable Eclipse.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/eclipse.nix>`](#)

[programs.eclipse.enableLombok](#)

Whether to enable the Lombok Java Agent in Eclipse. This is necessary to use the Lombok class annotations.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/eclipse.nix>`](#)

[programs.eclipse.package](#)

The Eclipse package to install.

Type: package

Default: pkgs.eclipses.eclipse-platform

Example: pkgs.eclipses.eclipse-java

Declared by:

[`<home-manager/modules/programs/eclipse.nix>`](#)

[programs.eclipse.jvmArgs](#)

JVM arguments to use for the Eclipse process.

Type: list of string

Default: []

Declared by:

[`<home-manager/modules/programs/eclipse.nix>`](#)

[programs.eclipse.plugins](#)

Plugins that should be added to Eclipse.

Type: list of package

Default: []

Declared by:

[`<home-manager/modules/programs/eclipse.nix>`](#)

[programs.emacs.enable](#)

Whether to enable Emacs.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/emacs.nix>`](#)

[programs.emacs.package](#)

The Emacs package to use.

Type: package

Default: pkgs.emacs

Example: pkgs.emacs25-nox

Declared by:

[`<home-manager/modules/programs/emacs.nix>`](#)

[programs.emacs.extraConfig](#)

Configuration to include in the Emacs default init file. See https://www.gnu.org/software/emacs/manual/html_node/elisp/Init-File.html for more.

Note, the inhibit-startup-message Emacs option cannot be set here since Emacs disallows setting it from the default initialization file.

Type: strings concatenated with “\n”

Default: ""

Example:

```
  ...
  (setq standard-indent 2)
  ...
```

Declared by:

[`<home-manager/modules/programs/emacs.nix>`](#)

[programs.emacs.extraPackages](#)

Extra packages available to Emacs. To get a list of available packages run: **nix-env -f '[<nixpkgs>](#)' -qaP -A emacsPackages**.

Type: Function that takes an attribute set and returns a list containing a selection of the values of the input set

Default: "epkgs: []"

Example: epkgs: [epkgs.emms epkgs.magit]

Declared by:

[`<home-manager/modules/programs/emacs.nix>`](#)

[programs.emacs.overrides](#)

Allows overriding packages within the Emacs package set.

Type: An overlay function, takes self and super and returns an attribute set overriding the desired attributes.

Default: "self: super: {}"

Example:

```
self: super: rec {
  haskell-mode = self.melpaPackages.haskell-mode;
  # ...
};
```

Declared by:

[<home-manager/modules/programs/emacs.nix>](#)

programs.eww.enable

Whether to enable eww.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/eww.nix>](#)

programs.eww.package

The eww package to install.

Type: package

Default: pkgs.eww

Example: pkgs.eww

Declared by:

[<home-manager/modules/programs/eww.nix>](#)

programs.eww.configDir

The directory that gets symlinked to `$XDG_CONFIG_HOME/eww`.

Type: path

Example: `./eww-config-dir`

Declared by:

[`<home-manager/modules/programs/eww.nix>`](#)

`programs.eza.enable`

Whether to enable eza, a modern replacement for `ls`.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/eza.nix>`](#)

`programs.eza.enableAliases`

Whether to enable recommended eza aliases (`ls`, `ll`...).

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/eza.nix>`](#)

`programs.eza.package`

The eza package to use.

Type: package

Default: pkgs.eza

Declared by:

[`<home-manager/modules/programs/eza.nix>`](#)

`programs.eza.extraOptions`

Extra command line options passed to eza.

Type: list of string

Default: []

Example:

```
[  
  "--group-directories-first"  
  "--header"  
]
```

Declared by:

[`<home-manager/modules/programs/eza.nix>`](#)

[programs.eza.git](#)

List each file's Git status if tracked or ignored (--git argument).

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/programs/eza.nix>`](#)

[programs.eza.icons](#)

Display icons next to file names (--icons argument).

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/programs/eza.nix>`](#)

[programs.feh.enable](#)

Whether to enable feh - a fast and light image viewer.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/feh.nix>](#)

programs.feh.package

The feh package to use.

Type: package

Default: pkgs.feh

Declared by:

[<home-manager/modules/programs/feh.nix>](#)

programs.feh.buttons

Override feh's default mouse button mapping. If you want to disable an action, set its value to null. If you want to bind multiple buttons to an action, set its value to a list. See <https://man.finalrewind.org/1/feh/#x425554544f4e53> for default bindings and available commands.

Type: attribute set of (null or string or signed integer or list of (string or signed integer))

Default: { }

Example:

```
{  
    prev_img = [  
        3  
        "C-3"  
    ];  
    zoom_in = 4;  
    zoom_out = "C-4";  
}
```

Declared by:

[<home-manager/modules/programs/feh.nix>](#)

programs.feh.keybindings

Override feh's default keybindings. If you want to disable a keybinding set its value to null. If you want to bind multiple keys to an action, set its value to a list. See <https://man.finalrewind.org/1/feh>

[/#x4b455953](#) for default bindings and available commands.

Type: attribute set of (null or string or list of string)

Default: { }

Example:

```
{  
    prev_img = [  
        "h"  
        "Left"  
    ];  
    zoom_in = "plus";  
    zoom_out = "minus";  
}
```

Declared by:

[`<home-manager/modules/programs/feh.nix>`](#)

[`programs.firefox.enable`](#)

Whether to enable Firefox.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/firefox.nix>`](#)

[`programs.firefox.enableGnomeExtensions`](#)

Whether to enable the GNOME Shell native host connector. Note, you also need to set the NixOS option `services.gnome.gnome-browser-connector.enable` to true.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/programs/firefox.nix>`](#)

programs.firefox.package

The Firefox package to use. If state version ≥ 19.09 then this should be a wrapped Firefox package. For earlier state versions it should be an unwrapped Firefox package. Set to null to disable installing Firefox.

Type: null or package

Default: pkgs.firefox

Example:

```
pkgs.firefox.override {  
    # See nixpkgs' firefox/wrapper.nix to check which options you can use  
    nativeMessagingHosts = [  
        # Gnome shell native connector  
        pkgs.gnome-browser-connector  
        # Tridactyl native connector  
        pkgs.tridactyl-native  
    ];  
}
```

Declared by:

[<home-manager/modules/programs/firefox.nix>](#)

programs.firefox.finalPackage

Resulting Firefox package.

Type: null or package (*read only*)

Declared by:

[<home-manager/modules/programs/firefox.nix>](#)

programs.firefox.nativeMessagingHosts

Additional packages containing native messaging hosts that should be made available to Firefox extensions.

Type: list of package

Default: []

Declared by:

[<home-manager/modules/programs/firefox.nix>](#)

programs.firefox.policies

See list of policies.

Type: attribute set of (JSON value)

Default: { }

Example:

```
{  
  BlockAboutConfig = true;  
  DefaultDownloadDirectory = "\${home}/Downloads";  
}
```

Declared by:

[<home-manager/modules/programs/firefox.nix>](#)

programs.firefox.profiles

Attribute set of Firefox profiles.

Type: attribute set of (submodule)

Default: { }

Declared by:

[<home-manager/modules/programs/firefox.nix>](#)

programs.firefox.profiles.<name>.bookmarks

Preloaded bookmarks. Note, this may silently overwrite any previously existing bookmarks!

Type: (list of ((bookmark submodule) or (directory submodule))) or (attribute set of ((bookmark submodule) or (directory submodule))) convertible to it

Default: []

Example:

```
[  
 {
```

```
name = "wikipedia";
tags = [ "wiki" ];
keyword = "wiki";
url = "https://en.wikipedia.org/wiki/Special:Search?search=%s&go=Go";
}
{
  name = "kernel.org";
  url = "https://www.kernel.org";
}
{
  name = "Nix sites";
  toolbar = true;
  bookmarks = [
    {
      name = "homepage";
      url = "https://nixos.org/";
    }
    {
      name = "wiki";
      tags = [ "wiki" "nix" ];
      url = "https://nixos.wiki/";
    }
  ];
}
]
```

Declared by:

[<home-manager/modules/programs/firefox.nix>](#)

[programs.firefox.profiles.<name>.containers](#)

Attribute set of container configurations. See [Multi-Account Containers](#) for more information.

Type: attribute set of (submodule)

Default: { }

Example:

```
{
  dangerous = {
    color = "red";
```

```
    icon = "fruit";
    id = 2;
};

shopping = {
  color = "blue";
  icon = "cart";
  id = 1;
};

}
```

Declared by:

[<home-manager/modules/programs/firefox.nix>](#)

[programs.firefox.profiles.<name>.containers.<name>.color](#)

Container color.

Type: one of “blue”, “turquoise”, “green”, “yellow”, “orange”, “red”, “pink”, “purple”, “toolbar”

Default: “pink”

Declared by:

[<home-manager/modules/programs/firefox.nix>](#)

[programs.firefox.profiles.<name>.containers.<name>.icon](#)

Container icon.

Type: one of “briefcase”, “cart”, “circle”, “dollar”, “fence”, “fingerprint”, “gift”, “vacation”, “food”, “fruit”, “pet”, “tree”, “chill”

Default: “fruit”

Declared by:

[<home-manager/modules/programs/firefox.nix>](#)

[programs.firefox.profiles.<name>.containers.<name>.id](#)

Container ID. This should be set to a unique number per container in this profile.

Type: unsigned integer, meaning ≥ 0

Default: 0

Declared by:

<home-manager/modules/programs/firefox.nix>programs.firefox.profiles.<name>.containers.<name>.name

Container name, e.g., shopping.

Type: string

Default: "<name>"

Declared by:

<home-manager/modules/programs/firefox.nix>programs.firefox.profiles.<name>.extensions

List of Firefox add-on packages to install for this profile. Some pre-packaged add-ons are accessible from the [Nix User Repository](#). Once you have NUR installed run

```
$ nix-env -f '<nixpkgs>' -qaP -A nur.repos.rycee.firefox-addons
```

to list the available Firefox add-ons.

Note that it is necessary to manually enable these extensions inside Firefox after the first installation.

Type: list of package

Default: []

Example:

```
with pkgs.nur.repos.rycee.firefox-addons; [
    privacy-badger
]
```

Declared by:

<home-manager/modules/programs/firefox.nix>programs.firefox.profiles.<name>.extraConfig

Extra preferences to add to user.js.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[<home-manager/modules/programs/firefox.nix>](#)

[programs.firefox.profiles.<name>.id](#)

Profile ID. This should be set to a unique number per profile.

Type: unsigned integer, meaning ≥ 0

Default: 0

Declared by:

[<home-manager/modules/programs/firefox.nix>](#)

[programs.firefox.profiles.<name>.isDefault](#)

Whether this is a default profile.

Type: boolean

Default: “true if profile ID is 0”

Declared by:

[<home-manager/modules/programs/firefox.nix>](#)

[programs.firefox.profiles.<name>.name](#)

Profile name.

Type: string

Default: “<name>”

Declared by:

[<home-manager/modules/programs/firefox.nix>](#)

[programs.firefox.profiles.<name>.path](#)

Profile path.

Type: string

Default: “<name>”

Declared by:

[`<home-manager/modules/programs/firefox.nix>`](#)

[`programs.firefox.profiles.<name>.search.default`](#)

The default search engine used in the address bar and search bar.

Type: null or string

Default: null

Example: "DuckDuckGo"

Declared by:

[`<home-manager/modules/programs/firefox.nix>`](#)

[`programs.firefox.profiles.<name>.search.engines`](#)

Attribute set of search engine configurations. Engines that only have `metaData` specified will be treated as builtin to Firefox.

See [SearchEngine.jsm](#) in Firefox's source for available options. We maintain a mapping to let you specify all options in the referenced link without underscores, but it may fall out of date with future options.

Note, `icon` is also a special option added by Home Manager to make it convenient to specify absolute icon paths.

Type: attribute set of attribute set of (JSON value)

Default: { }

Example:

```
{  
  "Nix Packages" = {  
    urls = [{  
      template = "https://search.nixos.org/packages";  
      params = [  
        { name = "type"; value = "packages"; }  
        { name = "query"; value = "{searchTerms}"; }  
      ];  
    }];  
  
    icon = "${pkgs.nixos-icons}/share/icons/hicolor/scalable/apps/nix-snowflake.sv
```

```
    definedAliases = [ "@np" ];

};

"NixOS Wiki" = {
  urls = [{ template = "https://nixos.wiki/index.php?search={searchTerms}"; }];
  iconUpdateURL = "https://nixos.wiki/favicon.png";
  updateInterval = 24 * 60 * 60 * 1000; # every day
  definedAliases = [ "@nw" ];
};

"Bing".metaData.hidden = true;
"Google".metaData.alias = "@g"; # builtin engines only support specifying one ad
}
```

Declared by:

[<home-manager/modules/programs/firefox.nix>](#)

[programs.firefox.profiles.<name>.search.force](#)

Whether to force replace the existing search configuration. This is recommended since Firefox will replace the symlink for the search configuration on every launch, but note that you'll lose any existing configuration by enabling this.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/programs/firefox.nix>](#)

[programs.firefox.profiles.<name>.search.order](#)

The order the search engines are listed in. Any engines that aren't included in this list will be listed after these in an unspecified order.

Type: list of string

Default: []

Example:

[

```
"DuckDuckGo"  
"Google"  
]
```

Declared by:

[<home-manager/modules/programs/firefox.nix>](#)

programs.firefox.profiles.<name>.search.privateDefault

The default search engine used in the Private Browsing.

Type: null or string

Default: null

Example: "DuckDuckGo"

Declared by:

[<home-manager/modules/programs/firefox.nix>](#)

programs.firefox.profiles.<name>.settings

Attribute set of Firefox preferences.

Firefox only supports int, bool, and string types for preferences, but home-manager will automatically convert all other JSON-compatible values into strings.

Type: attribute set of (Firefox preference (int, bool, string, and also attrs, list, float as a JSON string))

Default: { }

Example:

```
{  
  "browser.startup.homepage" = "https://nixos.org";  
  "browser.search.region" = "GB";  
  "browser.search.isUS" = false;  
  "distribution.searchplugins.defaultLocale" = "en-GB";  
  "general.useragent.locale" = "en-GB";  
  "browser.bookmarks.showMobileBookmarks" = true;  
  "browser.newtabpage.pinned" = [{  
    title = "NixOS";  
    url = "https://nixos.org";
```

```
    }];
}
```

Declared by:

[<home-manager/modules/programs/firefox.nix>](#)

[programs.firefox.profiles.<name>.userChrome](#)

Custom Firefox user chrome CSS.

Type: strings concatenated with “\n”

Default: “ ”

Example:

```
/* Hide tab bar in FF Quantum */
@-moz-document url("chrome://browser/content/browser.xul") {
    #TabsToolbar {
        visibility: collapse !important;
        margin-bottom: 21px !important;
    }

    #sidebar-box[sidebarcommand="treestyletab_piro_sakura_ne_jp-sidebar-action"] #
        visibility: collapse !important;
    }
}
```

Declared by:

[<home-manager/modules/programs/firefox.nix>](#)

[programs.firefox.profiles.<name>.userContent](#)

Custom Firefox user content CSS.

Type: strings concatenated with “\n”

Default: “ ”

Example:

```
/* Hide scrollbar in FF Quantum */
*{scrollbar-width:none !important}
```

Declared by:

[`<home-manager/modules/programs/firefox.nix>`](#)

[programs.fish.enable](#)

Whether to enable fish, the friendly interactive shell.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/fish.nix>`](#)

[programs.fish.package](#)

The fish package to install. May be used to change the version.

Type: package

Default: pkgs.fish

Declared by:

[`<home-manager/modules/programs/fish.nix>`](#)

[programs.fish.functions](#)

Basic functions to add to fish. For more information see <https://fishshell.com/docs/current/cmds/function.html>.

Type: attribute set of (strings concatenated with “\n” or (submodule))

Default: { }

Example:

```
{
```

```
__fish_command_not_found_handler = {
    body = "__fish_default_command_not_found_handler $argv[1]";
    onEvent = "fish_command_not_found";
};

gitignore = "curl -sL https://www.gitignore.io/api/$argv";
}
```

Declared by:

[<home-manager/modules/programs/fish.nix>](#)

programs.fish.interactiveShellInit

Shell script code called during interactive fish shell initialisation.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[<home-manager/modules/programs/fish.nix>](#)

programs.fish.loginShellInit

Shell script code called during fish login shell initialisation.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[<home-manager/modules/programs/fish.nix>](#)

programs.fish.plugins

The plugins to source in conf.d/99plugins.fish.

Type: list of (submodule)

Default: []

Example:

```
[  
 {  
   name = "z";  
   src = pkgs.fetchFromGitHub {  
     owner = "jethrokuan";  
     repo = "z";  
     rev = "ddeb28a7b6a1f0ec6dae40c636e5ca4908ad160a";  
     sha256 = "0c5i7sdrsp0q3vbziqzdyqn4fmp235ax4mn4zs1rswn8g3fvdyh";  
   };  
 }  
  
 # oh-my-fish plugins are stored in their own repositories, which  
 # makes them simple to import into home-manager.  
 {  
   name = "fasd";  
   src = pkgs.fetchFromGitHub {  
     owner = "oh-my-fish";  
     repo = "plugin-fasd";  
     rev = "38a5b6b6011106092009549e52249c6d6f501fba";  
     sha256 = "06v37hqy5yrv5a6ssd1p3cj9y3hnp19d3ab7dag56fs1qmgyhbs";  
   };  
 }  
]
```

Declared by:

[<home-manager/modules/programs/fish.nix>](#)

programs.fish.plugins.*.name

The name of the plugin.

Type: string

Declared by:

[<home-manager/modules/programs/fish.nix>](#)

programs.fish.plugins.*.src

Path to the plugin folder.

Relevant pieces will be added to the fish function path and the completion path. The `init.fish` and `key_binding.fish` files are sourced if they exist.

Type: path

Declared by:

[`<home-manager/modules/programs/fish.nix>`](#)

`programs.fish.shellAbbrs`

An attribute set that maps aliases (the top level attribute names in this option) to abbreviations. Abbreviations are expanded with the longer phrase after they are entered.

Type: attribute set of (string or (submodule))

Default: { }

Example:

```
{  
    l = "less";  
    gco = "git checkout";  
    "-C" = {  
        position = "anywhere";  
        expansion = "--color";  
    };  
}
```

Declared by:

[`<home-manager/modules/programs/fish.nix>`](#)

`programs.fish.shellAliases`

An attribute set that maps aliases (the top level attribute names in this option) to command strings or directly to build outputs.

Type: attribute set of string

Default: { }

Example:

```
{  
    g = "git";  
    "..." = "cd ../../";  
}
```

```
}
```

Declared by:

[`<home-manager/modules/programs/fish.nix>`](#)

`programs.fish.shellInit`

Shell script code called during fish shell initialisation.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[`<home-manager/modules/programs/fish.nix>`](#)

`programs.foot.enable`

Whether to enable Foot terminal.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/foot.nix>`](#)

`programs.foot.package`

The foot package to install

Type: package

Default: pkgs.foot

Declared by:

[`<home-manager/modules/programs/foot.nix>`](#)

`programs.foot.server.enable`

Whether to enable Foot terminal server.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/foot.nix>`](#)

programs.foot.settings

Configuration written to `$XDG_CONFIG_HOME/foot/foot.ini`. See <https://codeberg.org/dnkl/foot/src/branch/master/foot.ini> for a list of available options.

Type: attribute set of attribute set of (INI atom (null, bool, int, float or string))

Default: { }

Example:

```
{  
  main = {  
    term = "xterm-256color";  
  
    font = "Fira Code:size=11";  
    dpi-aware = "yes";  
  };  
  
  mouse = {  
    hide-when-typing = "yes";  
  };  
}
```

Declared by:

[`<home-manager/modules/programs/foot.nix>`](#)

programs.fuzzel.enable

Whether to enable fuzzel.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/fuzzel.nix>`](#)

[programs.fuzzel.package](#)

The fuzzel package to use.

Type: package

Default: pkgs.fuzzel

Declared by:

[`<home-manager/modules/programs/fuzzel.nix>`](#)

[programs.fuzzel.settings](#)

Configuration for fuzzel written to `$XDG_CONFIG_HOME/fuzzel/fuzzel.ini`. See `fuzzel.ini(5)` for a list of available options.

Type: attribute set of attribute set of (INI atom (null, bool, int, float or string))

Default: { }

Example:

```
{  
  main = {  
    terminal = "${pkgs.foot}/bin/foot";  
    layer = "overlay";  
  };  
  colors.background = "ffffffff";  
}
```

Declared by:

[`<home-manager/modules/programs/fuzzel.nix>`](#)

[programs.fzf.enable](#)

Whether to enable fzf - a command-line fuzzy finder.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/fzf.nix>](#)

programs.fzf.enableBashIntegration

Whether to enable Bash integration.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/fzf.nix>](#)

programs.fzf.enableFishIntegration

Whether to enable Fish integration.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/fzf.nix>](#)

programs.fzf.enableZshIntegration

Whether to enable Zsh integration.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/fzf.nix>](#)

programs.fzf.package

Package providing the **fzf** tool.

Type: package

Default: pkgs.fzf

Declared by:

[`<home-manager/modules/programs/fzf.nix>`](#)[`programs.fzf.changeDirWidgetCommand`](#)

The command that gets executed as the source for fzf for the ALT-C keybinding.

Type: null or string

Default: null

Example: "fd --type d"

Declared by:

[`<home-manager/modules/programs/fzf.nix>`](#)[`programs.fzf.changeDirWidgetOptions`](#)

Command line options for the ALT-C keybinding.

Type: list of string

Default: []

Example:

```
[  
  "--preview 'tree -C {} | head -200'"  
]
```

Declared by:

[`<home-manager/modules/programs/fzf.nix>`](#)[`programs.fzf.colors`](#)

Color scheme options added to FZF_DEFAULT_OPTS. See <https://github.com/junegunn/fzf/wiki/Color-schemes> for documentation.

Type: attribute set of string

Default: { }

Example:

```
{
```

```
bg = "#1e1e1e";
"bg+" = "#1e1e1e";
fg = "#d4d4d4";
"fg+" = "#d4d4d4";
}
```

Declared by:

[<home-manager/modules/programs/fzf.nix>](#)

programs.fzf.defaultCommand

The command that gets executed as the default source for fzf when running.

Type: null or string

Default: null

Example: "fd --type f"

Declared by:

[<home-manager/modules/programs/fzf.nix>](#)

programs.fzf.defaultOptions

Extra command line options given to fzf by default.

Type: list of string

Default: []

Example:

```
[  
  "--height 40%"  
  "--border"  
]
```

Declared by:

[<home-manager/modules/programs/fzf.nix>](#)

programs.fzf.addWidgetCommand

The command that gets executed as the source for fzf for the CTRL-T keybinding.

Type: null or string

Default: null

Example: "fd --type f"

Declared by:

[<home-manager/modules/programs/fzf.nix>](#)

programs.fzf.fileWidgetOptions

Command line options for the CTRL-T keybinding.

Type: list of string

Default: []

Example:

```
[  
  "--preview 'head {}'"  
]
```

Declared by:

[<home-manager/modules/programs/fzf.nix>](#)

programs.fzf.historyWidgetOptions

Command line options for the CTRL-R keybinding.

Type: list of string

Default: []

Example:

```
[  
  "--sort"  
  "--exact"  
]
```

Declared by:

[<home-manager/modules/programs/fzf.nix>](#)

programs.fzf.tmux.enableShellIntegration

Whether to enable setting FZF_TMUX=1 which causes shell integration to use fzf-tmux .

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/fzf.nix>](#)

programs.fzf.tmux.shellIntegrationOptions

If programs.fzf.tmux.enableShellIntegration is set to true, shell integration will use these options for fzf-tmux. See **fzf-tmux --help** for available options.

Type: list of string

Default: []

Example: ["-d 40%"]

Declared by:

[<home-manager/modules/programs/fzf.nix>](#)

programs.gallery-dl.enable

Whether to enable gallery-dl.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/gallery-dl.nix>](#)

programs.gallery-dl.settings

Configuration written to \$XDG_CONFIG_HOME/gallery-dl/config.json. See <https://github.com/mikf/gallery-dl#configuration> for supported values.

Type: JSON value

Default: { }

Example:

```
{  
    extractor.base-directory = "~/Downloads";  
}
```

Declared by:

[`<home-manager/modules/programs/gallery-dl.nix>`](#)

programs.gh.enable

Whether to enable GitHub CLI tool.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/gh.nix>`](#)

programs.gh.package

Package providing `gh`.

Type: package

Default: pkgs.gh

Declared by:

[`<home-manager/modules/programs/gh.nix>`](#)

programs.gh.extensions

`gh` extensions, see [`https://cli.github.com/manual/gh_extension`](https://cli.github.com/manual/gh_extension).

Type: list of package

Default: []

Example: [pkgs.gh-eco]

Declared by:

[<home-manager/modules/programs/gh.nix>](#)

[programs.gh.gitCredentialHelper.enable](#)

Whether to enable the gh git credential helper.

Type: boolean

Default: true

Example: true

Declared by:

[<home-manager/modules/programs/gh.nix>](#)

[programs.gh.gitCredentialHelper.hosts](#)

GitHub hosts to enable the gh git credential helper for

Type: list of string

Default:

```
[  
  "https://github.com"  
  "https://gist.github.com"  
]
```

Example:

```
[ "https://github.com" "https://github.example.com" ]
```

Declared by:

[<home-manager/modules/programs/gh.nix>](#)

[programs.gh.settings](#)

Configuration written to `$XDG_CONFIG_HOME/gh/config.yml`.

Type: YAML value

Default: { }

Example:

```
{  
    git_protocol = "ssh";  
  
    prompt = "enabled";  
  
    aliases = {  
        co = "pr checkout";  
        pv = "pr view";  
    };  
};
```

Declared by:

[<home-manager/modules/programs/gh.nix>](#)

programs.gh.settings.aliases

Aliases that allow you to create nicknames for gh commands.

Type: attribute set of string

Default: { }

Example:

```
{  
    co = "pr checkout";  
    pv = "pr view";  
}
```

Declared by:

[<home-manager/modules/programs/gh.nix>](#)

[programs.gh.settings.editor](#)

The editor that gh should run when creating issues, pull requests, etc. If blank, will refer to environment.

Type: string

Default: ""

Declared by:

[<home-manager/modules/programs/gh.nix>](#)

[programs.gh.settings.git_protocol](#)

The protocol to use when performing Git operations.

Type: string

Default: "https"

Example: "ssh"

Declared by:

[<home-manager/modules/programs/gh.nix>](#)

[programs.gh-dash.enable](#)

Whether to enable GitHub CLI dashboard plugin.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/gh-dash.nix>](#)

[programs.gh-dash.package](#)

The gh-dash package to use.

Type: package

Default: pkgs.gh-dash

Declared by:

[<home-manager/modules/programs/gh-dash.nix>](#)

programs.gh-dash.settings

Configuration written to `$XDG_CONFIG_HOME/gh-dash/config.yml`.

Type: YAML value

Default: { }

Example:

```
{  
  prSections = [{  
    title = "My Pull Requests";  
    filters = "is:open author:@me";  
  }];  
}
```

Declared by:

[<home-manager/modules/programs/gh-dash.nix>](#)

programs.git.enable

Whether to enable Git.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/git.nix>](#)

programs.git.package

Git package to install. Use `pkgs.gitAndTools.gitFull` to gain access to `git send-email` for instance.

Type: package

Default: `pkgs.git`

Declared by:

[<home-manager/modules/programs/git.nix>](#)

programs.git.aliases

Git aliases to define.

Type: attribute set of string

Default: { }

Example:

```
{  
  co = "checkout";  
}
```

Declared by:

[<home-manager/modules/programs/git.nix>](#)

programs.git.attributes

List of defining attributes set globally.

Type: list of string

Default: []

Example:

```
[  
  "*.pdf diff=pdf"  
]
```

Declared by:

[<home-manager/modules/programs/git.nix>](#)

programs.git.delta.enable

Whether to enable the **delta** syntax highlighter. See <https://github.com/dandavison/delta>.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/git.nix>`](#)

[programs.git.delta.package](#)

The delta package to use.

Type: package

Default: pkgs.delta

Declared by:

[`<home-manager/modules/programs/git.nix>`](#)

[programs.git.delta.options](#)

Options to configure delta.

Type: attribute set of (string or boolean or signed integer or attribute set of (string or boolean or signed integer))

Default: { }

Example:

```
{  
  decorations = {  
    commit-decoration-style = "bold yellow box ul";  
    file-decoration-style = "none";  
    file-style = "bold yellow ul";  
  };  
  features = "decorations";  
  whitespace-error-style = "22 reverse";  
}
```

Declared by:

[`<home-manager/modules/programs/git.nix>`](#)

[programs.git.diff-so-fancy.enable](#)

Enable the **diff-so-fancy** diff colorizer. See <https://github.com/so-fancy/diff-so-fancy>.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/git.nix>](#)

[programs.git.diff-so-fancy.changeHunkIndicators](#)

Simplify git header chunks to a more human readable format.

Type: boolean

Default: true

Example: false

Declared by:

[<home-manager/modules/programs/git.nix>](#)

[programs.git.diff-so-fancy.markEmptyLines](#)

Whether the first block of an empty line should be colored.

Type: boolean

Default: true

Example: false

Declared by:

[<home-manager/modules/programs/git.nix>](#)

[programs.git.diff-so-fancy.page0pts](#)

Arguments to be passed to **less**.

Type: list of string

Default:

```
[  
  "--tabs=4"]
```

" -RFX"

]

Declared by:

[<home-manager/modules/programs/git.nix>](#)

[programs.git.diff-so-fancy.rulerWidth](#)

By default, the separator for the file header spans the full width of the terminal. Use this setting to set the width of the file header manually.

Type: null or signed integer

Default: null

Example: false

Declared by:

[<home-manager/modules/programs/git.nix>](#)

[programs.git.diff-so-fancy.stripLeadingSymbols](#)

Whether the + or - at line-start should be removed.

Type: boolean

Default: true

Example: false

Declared by:

[<home-manager/modules/programs/git.nix>](#)

[programs.git.diff-so-fancy.useUnicodeRuler](#)

By default, the separator for the file header uses Unicode line-drawing characters. If this is causing output errors on your terminal, set this to false to use ASCII characters instead.

Type: boolean

Default: true

Example: false

Declared by:

[<home-manager/modules/programs/git.nix>](#)

programs.git.diffstatic.enable

Enable the **diffstatic** syntax highlighter. See <https://github.com/Wilfred/difftastic>.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/git.nix>](#)

programs.git.diffstatic.background

Determines whether difftastic should use the lighter or darker colors for syntax highlighting.

Type: one of "light", "dark"

Default: "light"

Example: "dark"

Declared by:

[<home-manager/modules/programs/git.nix>](#)

programs.git.diffstatic.color

Determines when difftastic should color its output.

Type: one of "always", "auto", "never"

Default: "auto"

Example: "always"

Declared by:

[<home-manager/modules/programs/git.nix>](#)

programs.git.diffstatic.display

Determines how the output displays - in one column or two columns.

Type: one of "side-by-side", "side-by-side-show-both", "inline"

Default: "side-by-side"

Example: "inline"

Declared by:

[<home-manager/modules/programs/git.nix>](#)

programs.git.extraConfig

Additional configuration to add. The use of string values is deprecated and will be removed in the future.

Type: strings concatenated with “\n” or attribute set of attribute set of (string or boolean or signed integer or list of (string or boolean or signed integer) or attribute set of (string or boolean or signed integer or list of (string or boolean or signed integer)))

Default: { }

Example:

```
{  
  core = {  
    whitespace = "trailing-space,space-before-tab";  
  };  
  url = {  
    "ssh://git@host" = {  
      insteadOf = "otherhost";  
    };  
  };  
}
```

Declared by:

[<home-manager/modules/programs/git.nix>](#)

programs.git.hooks

Configuration helper for Git hooks. See <https://git-scm.com/docs/githooks> for reference.

Type: attribute set of path

Default: { }

Example:

```
{  
  pre-commit = ./pre-commit-script;
```

```
}
```

Declared by:

[<home-manager/modules/programs/git.nix>](#)

programs.git.ignores

List of paths that should be globally ignored.

Type: list of string

Default: []

Example:

```
[  
  "*~"  
  "* .swp"  
]
```

Declared by:

[<home-manager/modules/programs/git.nix>](#)

programs.git.includes

List of configuration files to include.

Type: list of (submodule)

Default: []

Example:

```
[  
  { path = "~/path/to/config.inc"; }  
  {  
    path = "~/path/to/conditional.inc";  
    condition = "gitdir:~/src/dir";  
  }  
]
```

Declared by:

[`<home-manager/modules/programs/git.nix>`](#)

`programs.git.includes.*.condition`

Include this configuration only when condition matches. Allowed conditions are described in git-config(1).

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/programs/git.nix>`](#)

`programs.git.includes.*.contentSuffix`

Nix store name for the git configuration text file, when generating the configuration text from nix options.

Type: string

Default: "gitconfig"

Declared by:

[`<home-manager/modules/programs/git.nix>`](#)

`programs.git.includes.*.contents`

Configuration to include. If empty then a path must be given.

This follows the configuration structure as described in git-config(1).

Type: attribute set of anything

Default: { }

Example:

```
{  
  user = {  
    email = "bob@work.example.com";  
    name = "Bob Work";  
  };  
}
```

```
    signingKey = "1A2B3C4D5E6F7G8H";
};

commit = {
  gpgSign = true;
};

};
```

Declared by:

[<home-manager/modules/programs/git.nix>](#)

programs.git.includes.*.path

Path of the configuration file to include.

Type: string or path

Declared by:

[<home-manager/modules/programs/git.nix>](#)

programs.git.lfs.enable

Whether to enable Git Large File Storage.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/git.nix>](#)

programs.git.lfs.skipSmudge

Skip automatic downloading of objects on clone or pull. This requires a manual **git lfs pull** every time a new commit is checked out on your repository.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/programs/git.nix>](#)

programs.git.signing

Options related to signing commits using GnuPG.

Type: null or (submodule)

Default: null

Declared by:

[<home-manager/modules/programs/git.nix>](#)

programs.git.signing.gpgPath

Path to GnuPG binary to use.

Type: string

Default: "\\${pkgs.gnupg}/bin/gpg2"

Declared by:

[<home-manager/modules/programs/git.nix>](#)

programs.git.signing.key

The default GPG signing key fingerprint.

Set to null to let GnuPG decide what signing key to use depending on commit's author.

Type: null or string

Declared by:

[<home-manager/modules/programs/git.nix>](#)

programs.git.signing.signByDefault

Whether commits and tags should be signed by default.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/programs/git.nix>](#)

programs.git.userEmail

Default user email to use.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/programs/git.nix>`](#)

[programs.git.userName](#)

Default user name to use.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/programs/git.nix>`](#)

[programs.git-cliff.enable](#)

Whether to enable git-cliff changelog generator.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/git-cliff.nix>`](#)

[programs.git-cliff.package](#)

The git-cliff package to use.

Type: package

Default: pkgs.git-cliff

Declared by:

[`<home-manager/modules/programs/git-cliff.nix>`](#)

[programs.git-cliff.settings](#)

Configuration written to `$XDG_CONFIG_HOME/git-cliff/cliff.toml`. See <https://git-cliff.org/docs/configuration> for the documentation.

Type: TOML value

Default: { }

Example:

```
{  
  header = "Changelog";  
  trim = true;  
}
```

Declared by:

[<home-manager/modules/programs/git-cliff.nix>](#)

[programs.git-credential-oauth.enable](#)

Whether to enable Git authentication handler for OAuth.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/git-credential-oauth.nix>](#)

[programs.git-credential-oauth.package](#)

The git-credential-oauth package to use.

Type: package

Default: pkgs.git-credential-oauth

Declared by:

[<home-manager/modules/programs/git-credential-oauth.nix>](#)

[programs.gitui.enable](#)

Whether to enable gitui, blazing fast terminal-ui for git written in rust.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/gitui.nix>](#)

programs.gitui.package

The package to use.

Type: package

Default: "pkgs.gitui"

Declared by:

[<home-manager/modules/programs/gitui.nix>](#)

programs.gitui.keyConfig

Key config in Ron file format. This is written to \$XDG_CONFIG_HOME/gitui/key_config.ron.

Type: path or strings concatenated with "\n"

Default: ""

Example:

```
    ...
    exit: Some(( code: Char('c'), modifiers: ( bits: 2,,)),),
    quit: Some(( code: Char('q'), modifiers: ( bits: 0,,)),),
    exit_popup: Some(( code: Esc, modifiers: ( bits: 0,,)),),
    ...
}
```

Declared by:

[<home-manager/modules/programs/gitui.nix>](#)

programs.gitui.theme

Theme in Ron file format. This is written to \$XDG_CONFIG_HOME/gitui/theme.ron.

Type: path or strings concatenated with "\n"

Default:

```
        (
            selected_tab: Reset,
            command_fg: White,
            selection_bg: Blue,
            selection_fg: White,
            cmdbar_bg: Blue,
            cmdbar_extra_lines_bg: Blue,
            disabled_fg: DarkGray,
            diff_line_add: Green,
            diff_line_delete: Red,
            diff_file_added: LightGreen,
            diff_file_removed: LightRed,
            diff_file_moved: LightMagenta,
            diff_file_modified: Yellow,
            commit_hash: Magenta,
            commit_time: LightCyan,
            commit_author: Green,
            danger_fg: Red,
            push_gauge_bg: Blue,
            push_gauge_fg: Reset,
            tag_fg: LightMagenta,
            branch_fg: LightYellow,
        )
    
```

Declared by:

[<home-manager/modules/programs/gitui.nix>](#)

[programs.gnome-terminal.enable](#)

Whether to enable Gnome Terminal.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/gnome-terminal.nix>](#)

[programs.gnome-terminal.profile](#)

A set of Gnome Terminal profiles. Note, the name of a profile must be a UUID. You can generate one, for example, using **uuidgen** (from `util-linux`).

Type: attribute set of (submodule)

Default: { }

Declared by:

[<home-manager/modules/programs/gnome-terminal.nix>](#)

[programs.gnome-terminal.profile.<name>.allowBold](#)

If true, allow applications in the terminal to make text boldface.

Type: null or boolean

Default: null

Declared by:

[<home-manager/modules/programs/gnome-terminal.nix>](#)

[programs.gnome-terminal.profile.<name>.audibleBell](#)

Turn on/off the terminal's bell.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/gnome-terminal.nix>](#)

[programs.gnome-terminal.profile.<name>.backspaceBinding](#)

Which string the terminal should send to an application when the user presses the *Backspace* key.

auto

Attempt to determine the right value from the terminal's IO settings.

ascii-backspace

Send an ASCII backspace character (0x08).

ascii-delete

Send an ASCII delete character (0x7F).

delete-sequence

Send the @7 control sequence.

tty

Send terminal's "erase" setting.

Type: one of "auto", "ascii-backspace", "ascii-delete", "delete-sequence", "tty"

Default: "ascii-delete"

Declared by:

[<home-manager/modules/programs/gnome-terminal.nix>](#)

programs.gnome-terminal.profile.<name>.boldIsBright

Whether bold text is shown in bright colors.

Type: null or boolean

Default: null

Declared by:

[<home-manager/modules/programs/gnome-terminal.nix>](#)

programs.gnome-terminal.profile.<name>.colors

The terminal colors, null to use system default.

Type: null or (submodule)

Default: null

Declared by:

[<home-manager/modules/programs/gnome-terminal.nix>](#)

programs.gnome-terminal.profile.<name>.colors.backgroundColor

The background color.

Type: string

Declared by:

[<home-manager/modules/programs/gnome-terminal.nix>](#)

programs.gnome-terminal.profile.<name>.colors.boldColor

The bold color, null to use same as foreground.

Type: null or string

Default: null

Declared by:

[<home-manager/modules/programs/gnome-terminal.nix>](#)

[programs.gnome-terminal.profile.<name>.colors.cursor](#)

The color for the terminal cursor.

Type: null or (submodule)

Default: null

Declared by:

[<home-manager/modules/programs/gnome-terminal.nix>](#)

[programs.gnome-terminal.profile.<name>.colors.cursor.background](#)

The background color.

Type: string

Declared by:

[<home-manager/modules/programs/gnome-terminal.nix>](#)

[programs.gnome-terminal.profile.<name>.colors.cursor.foreground](#)

The foreground color.

Type: string

Declared by:

[<home-manager/modules/programs/gnome-terminal.nix>](#)

[programs.gnome-terminal.profile.<name>.colors.foregroundColor](#)

The foreground color.

Type: string

Declared by:

[<home-manager/modules/programs/gnome-terminal.nix>](#)

[programs.gnome-terminal.profile.<name>.colors.highlight](#)

The colors for the terminal's highlighted area.

Type: null or (submodule)

Default: null

Declared by:

[<home-manager/modules/programs/gnome-terminal.nix>](#)

[programs.gnome-terminal.profile.<name>.colors.highlight.background](#)

The background color.

Type: string

Declared by:

[<home-manager/modules/programs/gnome-terminal.nix>](#)

[programs.gnome-terminal.profile.<name>.colors.highlight.foreground](#)

The foreground color.

Type: string

Declared by:

[<home-manager/modules/programs/gnome-terminal.nix>](#)

[programs.gnome-terminal.profile.<name>.colors.palette](#)

The terminal palette.

Type: list of string

Declared by:

[<home-manager/modules/programs/gnome-terminal.nix>](#)

[programs.gnome-terminal.profile.<name>.cursorBlinkMode](#)

The cursor blink mode.

Type: one of "system", "on", "off"

Default: "system"

Declared by:

[`<home-manager/modules/programs/gnome-terminal.nix>`](#)[`programs.gnome-terminal.profile.<name>.cursorShape`](#)

The cursor shape.

Type: one of “block”, “ibeam”, “underline”

Default: "block"

Declared by:

[`<home-manager/modules/programs/gnome-terminal.nix>`](#)[`programs.gnome-terminal.profile.<name>.customCommand`](#)

The command to use to start the shell, or null for default shell.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/programs/gnome-terminal.nix>`](#)[`programs.gnome-terminal.profile.<name>.default`](#)

Whether this should be the default profile.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/programs/gnome-terminal.nix>`](#)[`programs.gnome-terminal.profile.<name>.deleteBinding`](#)

Which string the terminal should send to an application when the user presses the *Delete* key.

auto

Send the @7 control sequence.

ascii-backspace

Send an ASCII backspace character (0x08).

ascii-delete

Send an ASCII delete character (0x7F).

`delete-sequence`

Send the @7 control sequence.

`tty`

Send terminal's "erase" setting.

Type: one of "auto", "ascii-backspace", "ascii-delete", "delete-sequence", "tty"

Default: "delete-sequence"

Declared by:

[<home-manager/modules/programs/gnome-terminal.nix>](#)

programs.gnome-terminal.profile.<name>.font

The font name, null to use system default.

Type: null or string

Default: null

Declared by:

[<home-manager/modules/programs/gnome-terminal.nix>](#)

programs.gnome-terminal.profile.<name>.loginShell

Run command as a login shell.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/programs/gnome-terminal.nix>](#)

programs.gnome-terminal.profile.<name>.scrollOnOutput

Whether to scroll when output is written.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/gnome-terminal.nix>`](#)[`programs.gnome-terminal.profile.<name>.scrollbackLines`](#)

The number of scrollback lines to keep, null for infinite.

Type: null or signed integer

Default: 10000

Declared by:

[`<home-manager/modules/programs/gnome-terminal.nix>`](#)[`programs.gnome-terminal.profile.<name>.showScrollbar`](#)

Whether the scroll bar should be visible.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/gnome-terminal.nix>`](#)[`programs.gnome-terminal.profile.<name>.transparencyPercent`](#)

Background transparency in percent.

Type: null or integer between 0 and 100 (both inclusive)

Default: null

Declared by:

[`<home-manager/modules/programs/gnome-terminal.nix>`](#)[`programs.gnome-terminal.profile.<name>.visibleName`](#)

The profile name.

Type: string

Declared by:

[`<home-manager/modules/programs/gnome-terminal.nix>`](#)[`programs.gnome-terminal.showMenubar`](#)

Whether to show the menubar by default

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/gnome-terminal.nix>](#)

programs.gnome-terminal.themeVariant

The theme variation to request

Type: one of “default”, “light”, “dark”, “system”

Default: "default"

Declared by:

[<home-manager/modules/programs/gnome-terminal.nix>](#)

programs.go.enable

Whether to enable Go.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/go.nix>](#)

programs.go.package

The Go package to use.

Type: package

Default: pkgs.go

Declared by:

[<home-manager/modules/programs/go.nix>](#)

programs.go.packages

Packages to add to GOPATH.

Type: attribute set of path

Default: { }

Example:

```
{  
  "golang.org/x/text" = builtins.fetchGit "https://go.googlesource.com/text";  
  "golang.org/x/time" = builtins.fetchGit "https://go.googlesource.com/time";  
}
```

Declared by:

[<home-manager/modules/programs/go.nix>](#)

programs.go.extraGoPaths

Extra GOPATHs relative to HOME appended after [programs.go.goPath](#), if that option is set.

Type: list of string

Default: []

Example:

```
[  
  "extraGoPath1"  
  "extraGoPath2"  
]
```

Declared by:

[<home-manager/modules/programs/go.nix>](#)

programs.go.goBin

GOBIN relative to HOME

Type: null or string

Default: null

Example: ".local/bin.go"

Declared by:

[`<home-manager/modules/programs/go.nix>`](#)

[`programs.go.goPath`](#)

Primary GOPATH relative to HOME. It will be exported first and therefore used by default by the Go tooling.

Type: null or string

Default: null

Example: "go"

Declared by:

[`<home-manager/modules/programs/go.nix>`](#)

[`programs.go.goPrivate`](#)

The GOPRIVATE environment variable controls which modules the go command considers to be private (not available publicly) and should therefore not use the proxy or checksum database.

Type: list of string

Default: []

Example:

```
[  
  "*.corp.example.com"  
  "rsc.io/private"  
]
```

Declared by:

[`<home-manager/modules/programs/go.nix>`](#)

[`programs.gpg.enable`](#)

Whether to enable GnuPG.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/gpg.nix>`](#)[`programs.gpg.package`](#)

The Gnupg package to use (also used by the gpg-agent service).

Type: package

Default: pkgs.gnupg

Example: pkgs.gnupg23

Declared by:

[`<home-manager/modules/programs/gpg.nix>`](#)[`programs.gpg.homedir`](#)

Directory to store keychains and configuration.

Type: path

Default: "\${config.home.homeDirectory}/.gnupg"

Example: "\${config.xdg.dataHome}/gnupg"

Declared by:

[`<home-manager/modules/programs/gpg.nix>`](#)[`programs.gpg.mutableKeys`](#)

If set to true, you may manage your keyring as a user using the gpg command. Upon activation, the keyring will have managed keys added without overwriting unmanaged keys.

If set to false, the path \$GNUPGHOME/pubring.kbx will become an immutable link to the Nix store, denying modifications.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/gpg.nix>`](#)[`programs.gpg.mutableTrust`](#)

If set to true, you may manage trust as a user using the **gpg** command. Upon activation, trusted keys have their trust set without overwriting unmanaged keys.

If set to `false`, the path `$GNUPGHOME/trustdb.gpg` will be *overwritten* on each activation, removing trust for any unmanaged keys. Be careful to make a backup of your old `trustdb.gpg` before switching to immutable trust!

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/gpg.nix>`](#)

[programs.gpg.publicKeys](#)

A list of public keys to be imported into GnuPG. Note, these key files will be copied into the world-readable Nix store.

Type: list of (submodule)

Default: []

Example:

```
[ { source = ./pubkeys.txt; } ]
```

Declared by:

[`<home-manager/modules/programs/gpg.nix>`](#)

[programs.gpg.publicKeys.*.source](#)

Path of an OpenPGP public key file.

Type: path

Declared by:

[`<home-manager/modules/programs/gpg.nix>`](#)

[programs.gpg.publicKeys.*.text](#)

Text of an OpenPGP public key.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/programs/gpg.nix>`](#)

[`programs.gpg.publicKeys.*.trust`](#)

The amount of trust you have in the key ownership and the care the owner puts into signing other keys. The available levels are

unknown or 1

I don't know or won't say.

never or 2

I do **not** trust.

marginal or 3

I trust marginally.

full or 4

I trust fully.

ultimate or 5

I trust ultimately.

See the [Key Management chapter](#) of the GNU Privacy Handbook for more.

Type: null or one of “unknown”, 1, “never”, 2, “marginal”, 3, “full”, 4, “ultimate”, 5

Default: null

Declared by:

[`<home-manager/modules/programs/gpg.nix>`](#)

[`programs.gpg.scdaemonSettings`](#)

SCdaemon configuration options. Available options are described in [scdaemon\(1\)](#).

Type: attribute set of (string or boolean or list of string)

Example:

```
{  
    disable-ccid = true;
```

```
}
```

Declared by:

[<home-manager/modules/programs/gpg.nix>](#)

programs.gpg.settings

GnuPG configuration options. Available options are described in [gpg\(1\)](#).

Note that lists are converted to duplicate keys.

Type: attribute set of (string or boolean or list of string)

Example:

```
{
  no-comments = false;
  s2k-cipher-algo = "AES128";
}
```

Declared by:

[<home-manager/modules/programs/gpg.nix>](#)

programs.gradle.enable

Whether to enable Gradle Build Tool.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/gradle.nix>](#)

programs.gradle.package

The gradle package to use.

Type: package

Default: pkgs.gradle

Example: pkgs.gradle_7

Declared by:

[<home-manager/modules/programs/gradle.nix>](#)

programs.gradle.home

The Gradle home directory, relative to [home.homeDirectory](#).

If set, the GRADLE_USER_HOME environment variable will be set accordingly. Defaults to .gradle.

Type: string

Default: ".gradle"

Declared by:

[<home-manager/modules/programs/gradle.nix>](#)

programs.gradle.initScripts

Definition of init scripts to link into the Gradle home directory.

For more information about init scripts, including naming conventions see https://docs.gradle.org/current/userguide/init_scripts.html.

Type: attribute set of (submodule)

Default: { }

Example:

```
{  
    "maven-local.gradle".text = ''  
        allProject {  
            repositories {  
                mavenLocal()  
            }  
        }  
    '';  
    "another.init.gradle.kts".source = ./another.init.gradle.kts;  
}
```

Declared by:

[<home-manager/modules/programs/gradle.nix>](#)

[programs.gradle.initScripts.<name>.source](#)

Path of the init script file. If text is non-null then this option will automatically point to a file containing that text.

Type: path

Declared by:

[<home-manager/modules/programs/gradle.nix>](#)

[programs.gradle.initScripts.<name>.text](#)

Text of the init script file. if this option is null then source must be set.

Type: null or strings concatenated with “\n”

Default: null

Declared by:

[<home-manager/modules/programs/gradle.nix>](#)

[programs.gradle.settings](#)

Key value pairs to write to gradle.properties in the Gradle home directory.

Type: attribute set of (string, package, bool, int or float)

Default: { }

Example:

```
{  
  "org.gradle.caching" = true;  
  "org.gradle.parallel" = true;  
  "org.gradle.jvmargs" = "-XX:MaxMetaspaceSize=384m";  
  "org.gradle.home" = pkgs.jdk17;  
};
```

Declared by:

[`<home-manager/modules/programs/gradle.nix>`](#)[`programs.granted.enable`](#)

Whether to enable granted.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/granted.nix>`](#)[`programs.granted.enableZshIntegration`](#)

Whether to enable Zsh integration.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/granted.nix>`](#)[`programs.havoc.enable`](#)

Whether to enable Havoc terminal.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/havoc.nix>`](#)[`programs.havoc.package`](#)

The havoc package to use.

Type: package

Default: pkgs.havoc

Declared by:

[`<home-manager/modules/programs/havoc.nix>`](#)[`programs.havoc.settings`](#)

Configuration written to `$XDG_CONFIG_HOME/havoc.cfg`. See <https://raw.githubusercontent.com/iil8/havoc/master/havoc.cfg> for a list of available options.

Type: attribute set of attribute set of (INI atom (null, bool, int, float or string))

Default: { }

Example:

```
{  
    child.program = "bash";  
    window.opacity = 240;  
    window.margin = no;  
    terminal = {  
        rows = 80;  
        columns = 24;  
        scrollback = 2000;  
    };  
    bind = {  
        "C-S-c" = "copy";  
        "C-S-v" = "paste";  
        "C-S-r" = "reset";  
        "C-S-Delete" = "hard reset";  
        "C-S-j" = "scroll down";  
        "C-S-k" = "scroll up";  
        "C-S-Page_Down" = "scroll down page";  
        "C-S-Page_Up" = "scroll up page";  
        "C-S-End" = "scroll to bottom";  
        "C-S-Home" = "scroll to top";  
    };  
}
```

Declared by:

[`<home-manager/modules/programs/havoc.nix>`](#)[`programs.helix.enable`](#)

Whether to enable helix text editor.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/helix.nix>](#)

programs.helix.package

The package to use for helix.

Type: package

Default: pkgs.helix

Declared by:

[<home-manager/modules/programs/helix.nix>](#)

programs.helix.defaultEditor

Whether to configure **hx** as the default editor using the EDITOR environment variable.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/programs/helix.nix>](#)

programs.helix.extraPackages

Extra packages available to hx.

Type: list of package

Default: []

Example: [pkgs.marksman]

Declared by:

[<home-manager/modules/programs/helix.nix>](#)

programs.helix.languages

Language specific configuration at \$XDG_CONFIG_HOME/helix/languages.toml.

See <https://docs.helix-editor.com/languages.html> for more information.

Type: (TOML value) or (list of (TOML value)) convertible to it

Default: { }

Example:

```
{  
    # the language-server option currently requires helix from the master branch at  
    language-server.typescript-language-server = with pkgs.nodePackages; {  
        command = "${typescript-language-server}/bin/typescript-language-server";  
        args = [ "--stdio" "--tsserver-path=${typescript}/lib/node_modules/typescript/];  
    };  
  
    language = [{  
        name = "rust";  
        auto-format = false;  
    }];  
}
```

Declared by:

[<home-manager/modules/programs/helix.nix>](#)

programs.helix.settings

Configuration written to \$XDG_CONFIG_HOME/helix/config.toml.

See <https://docs.helix-editor.com/configuration.html> for the full list of options.

Type: TOML value

Default: { }

Example:

```
{  
    theme = "base16";  
    editor = {  
        line-number = "relative";  
        lsp.display-messages = true;  
    };
```

```
keys.normal = {
    space.space = "file_picker";
    space.w = ":w";
    space.q = ":q";
    esc = [ "collapse_selection" "keep_primary_selection" ];
};

}
```

Declared by:

[<home-manager/modules/programs/helix.nix>](#)

programs.helix.themes

Each theme is written to `$XDG_CONFIG_HOME/helix/themes/theme-name.toml`. Where the name of each attribute is the theme-name (in the example “base16”).

See <https://docs.helix-editor.com/themes.html> for the full list of options.

Type: attribute set of (TOML value)

Default: { }

Example:

```
{
  base16 = let
    transparent = "none";
    gray = "#665c54";
    dark-gray = "#3c3836";
    white = "#fbf1c7";
    black = "#282828";
    red = "#fb4934";
    green = "#b8bb26";
    yellow = "#fabd2f";
    orange = "#fe8019";
    blue = "#83a598";
    magenta = "#d3869b";
    cyan = "#8ec07c";
  in {
    "ui.menu" = transparent;
    "ui.menu.selected" = { modifiers = [ "reversed" ]; };
    "ui.linenr" = { fg = gray; bg = dark-gray; };
  }
}
```

```
"ui.popup" = { modifiers = [ "reversed" ]; };
"ui.linенr.selected" = { fg = white; bg = black; modifiers = [ "bold" ]; };
"ui.selection" = { fg = black; bg = blue; };
"ui.selection.primary" = { modifiers = [ "reversed" ]; };
"comment" = { fg = gray; };
"ui.statusline" = { fg = white; bg = dark-gray; };
"ui.statusline.inactive" = { fg = dark-gray; bg = white; };
"ui.help" = { fg = dark-gray; bg = white; };
"ui.cursor" = { modifiers = [ "reversed" ]; };
"variable" = red;
"variable.builtin" = orange;
"constant.numeric" = orange;
"constant" = orange;
"attributes" = yellow;
"type" = yellow;
"ui.cursor.match" = { fg = yellow; modifiers = [ "underlined" ]; };
"string" = green;
"variable.other.member" = red;
"constant.character.escape" = cyan;
"function" = blue;
"constructor" = blue;
"special" = blue;
"keyword" = magenta;
"label" = magenta;
"namespace" = blue;
"diff.plus" = green;
"diff.delta" = yellow;
"diff_MINUS" = red;
"diagnostic" = { modifiers = [ "underlined" ]; };
"ui.gutter" = { bg = black; };
"info" = blue;
"hint" = dark-gray;
"debug" = dark-gray;
"warning" = yellow;
"error" = red;
};

}
```

```
}
```

Declared by:

[<home-manager/modules/programs/helix.nix>](#)

[programs.hexchat.enable](#)

Whether to enable HexChat, a graphical IRC client.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/hexchat.nix>`](#)

programs.hexchat.channels

Configures `$XDG_CONFIG_HOME/hexchat/servlist.conf`.

Type: attribute set of (submodule)

Default: { }

Example:

```
{  
    oftc = {  
        autojoin = [  
            "#home-manager"  
            "#linux"  
        ];  
        charset = "UTF-8 (Unicode)";  
        commands = [  
            "ECHO Buzz Lightyear sent you a message: 'To Infinity... and Beyond!'"  
        ];  
        loginMethod = sasl;  
        nickname = "my_nickname";  
        nickname2 = "my_secondchoice";  
        options = {  
            acceptInvalidSSLCertificates = false;  
            autoconnect = true;  
            bypassProxy = true;  
            connectToSelectedServerOnly = true;  
            useGlobalUserInformation = false;  
            forceSSL = false;  
        };  
        password = "my_password";  
        realName = "my_realname";  
        servers = [  
    };
```

```
        "irc.oftc.net"
    ];
    userName = "my_username";
};
}
```

Declared by:

[`<home-manager/modules/programs/hexchat.nix>`](#)

`programs.hexchat.channels.<name>.autojoin`

Channels list to autojoin on connecting to server.

Type: list of string

Default: []

Example:

```
[  
  "#home-manager"  
  "#linux"  
  "#nix"  
]
```

Declared by:

[`<home-manager/modules/programs/hexchat.nix>`](#)

`programs.hexchat.channels.<name>.charset`

Character set.

Type: null or string

Default: null

Example: "UTF-8 (Unicode)"

Declared by:

[`<home-manager/modules/programs/hexchat.nix>`](#)

`programs.hexchat.channels.<name>.commands`

Commands to be executed on connecting to server.

Type: list of string

Default: []

Example: ["ECHO Greetings fellow Nixer! "]

Declared by:

[<home-manager/modules/programs/hexchat.nix>](#)

programs.hexchat.channels.<name>.loginMethod

The login method. The allowed options are:

null

Default

"nickServMsg"

NickServ (/MSG NickServ + password)

"nickServ"

NickServ (/NICKSERV + password)

"challengeAuth"

Challenge Auth (username + password)

"sasl"

SASL (username + password)

"serverPassword"

Server password (/PASS password)

"saslExternal"

SASL EXTERNAL (cert)

"customCommands"

Use "commands" field for auth. For example

```
commands = [ "/msg NickServ IDENTIFY my_password" ]
```

Type: null or one of “challengeAuth”, “customCommands”, “nickServ”, “nickServMsg”, “sasl”, “saslExternal”, “serverPassword”

Default: null

Declared by:

[<home-manager/modules/programs/hexchat.nix>](#)

programs.hexchat.channels.<name>.nickname

Primary nickname.

Type: null or string

Default: null

Declared by:

[<home-manager/modules/programs/hexchat.nix>](#)

programs.hexchat.channels.<name>.nickname2

Secondary nickname.

Type: null or string

Default: null

Declared by:

[<home-manager/modules/programs/hexchat.nix>](#)

programs.hexchat.channels.<name>.options

Channel options.

Type: null or (submodule)

Default: null

Example:

```
{  
    autoconnect = true;  
    useGlobalUserInformation = true;  
}
```

Declared by:

[`<home-manager/modules/programs/hexchat.nix>`](#)

[`programs.hexchat.channels.<name>.options.acceptInvalidSSLCertificates`](#)

Accept invalid SSL certificates.

Type: null or boolean

Default: false

Declared by:

[`<home-manager/modules/programs/hexchat.nix>`](#)

[`programs.hexchat.channels.<name>.options.autoconnect`](#)

Autoconnect to network.

Type: null or boolean

Default: false

Declared by:

[`<home-manager/modules/programs/hexchat.nix>`](#)

[`programs.hexchat.channels.<name>.options.bypassProxy`](#)

Bypass proxy.

Type: null or boolean

Default: true

Declared by:

[`<home-manager/modules/programs/hexchat.nix>`](#)

[`programs.hexchat.channels.<name>.options.connectToSelectedServerOnly`](#)

Connect to selected server only.

Type: null or boolean

Default: true

Declared by:

[`<home-manager/modules/programs/hexchat.nix>`](#)

[programs.hexchat.channels.<name>.options.forceSSL](#)

Use SSL for all servers.

Type: null or boolean

Default: false

Declared by:

[<home-manager/modules/programs/hexchat.nix>](#)

[programs.hexchat.channels.<name>.options.useGlobalUserInformation](#)

Use global user information.

Type: null or boolean

Default: false

Declared by:

[<home-manager/modules/programs/hexchat.nix>](#)

[programs.hexchat.channels.<name>.password](#)

Password to use. Note this password will be readable by all user's in the Nix store.

Type: null or string

Default: null

Declared by:

[<home-manager/modules/programs/hexchat.nix>](#)

[programs.hexchat.channels.<name>.realName](#)

Real name. Is used to populate the real name field that appears when someone uses the WHOIS command on your nick.

Type: null or string

Default: null

Declared by:

[<home-manager/modules/programs/hexchat.nix>](#)

[programs.hexchat.channels.<name>.servers](#)

IRC Server Address List.

Type: list of string

Default: []

Example:

```
[  
  "irc.oftc.net"  
]
```

Declared by:

[`<home-manager/modules/programs/hexchat.nix>`](#)

`programs.hexchat.channels.<name>.userName`

User name. Part of your user@host hostmask that appears to other on IRC.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/programs/hexchat.nix>`](#)

`programs.hexchat.overwriteConfigFiles`

Enables overwriting HexChat configuration files (`hexchat.conf`, `servlist.conf`). Any existing HexChat configuration will be lost. Make sure to back up any previous configuration before enabling this.

Enabling this setting is recommended, because everytime HexChat application is closed it overwrites Nix/Home Manager provided configuration files, causing:

1. Nix/Home Manager provided configuration to be out of sync with actual active HexChat configuration.
2. Nix/Home Manager updates to be blocked until configuration files are manually removed.

Type: null or boolean

Default: false

Declared by:

[`<home-manager/modules/programs/hexchat.nix>`](#)

programs.hexchat.settings

Configuration for \$XDG_CONFIG_HOME/hexchat/hexchat.conf, see <https://hexchat.readthedocs.io/en/latest/settings.html#list-of-settings> for supported values.

Type: null or (attribute set of string)

Default: null

Example:

```
{  
    irc_nick1 = "mynick";  
    irc_username = "bob";  
    irc_realname = "Bart Simpson";  
    text_font = "Monospace 14";  
};
```

Declared by:

[<home-manager/modules/programs/hexchat.nix>](#)

programs.hexchat.theme

Theme package for HexChat. Expects a derivation containing decompressed theme files. Note, .hct files are actually ZIP files, as seen in example.

Type: null or package

Default: null

Example:

```
source = pkgs.fetchzip {  
    url = "https://dl.hexchat.net/themes/Monokai.hct#Monokai.zip";  
    sha256 = "sha256-WCdgEr8PwKSZvBMs0fN7E2g0jNM0c2DscZGSKSmdID0=";  
    stripRoot = false;  
};
```

Declared by:

[`<home-manager/modules/programs/hexchat.nix>`](#)[`programs.himalaya.enable`](#)

Whether to enable the Himalaya email client.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/himalaya.nix>`](#)[`programs.himalaya.package`](#)

The himalaya package to use.

Type: package

Default: pkgs.himalaya

Declared by:

[`<home-manager/modules/programs/himalaya.nix>`](#)[`programs.himalaya.settings`](#)

Himalaya global configuration. See <https://pimalaya.org/himalaya/cli/configuration/global.html> for supported values.

Type: TOML value

Default: { }

Declared by:

[`<home-manager/modules/programs/himalaya.nix>`](#)[`programs.home-manager.enable`](#)

Whether to enable Home Manager.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/home-manager.nix>`](#)[`programs.home-manager.path`](#)

The default path to use for Home Manager. When null, then the home-manager channel, \$HOME/.config/nixpkgs/home-manager, and \$HOME/.nixpkgs/home-manager will be attempted.

Type: null or string

Default: null

Example: "\$HOME/devel/home-manager"

Declared by:

[`<home-manager/modules/programs/home-manager.nix>`](#)[`programs.hstr.enable`](#)

Whether to enable Bash And Zsh shell history suggest box - easily view, navigate, search and manage your command history.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/hstr.nix>`](#)[`programs.hstr.enableBashIntegration`](#)

Whether to enable Bash integration.

Type: boolean

Default: true

Example: true

Declared by:

[`<home-manager/modules/programs/hstr.nix>`](#)[`programs.hstr.enableZshIntegration`](#)

Whether to enable Zsh integration.

Type: boolean

Default: true

Example: true

Declared by:

[`<home-manager/modules/programs/hstr.nix>`](#)

[programs.hstr.package](#)

The hstr package to use.

Type: package

Default: pkgs.hstr

Declared by:

[`<home-manager/modules/programs/hstr.nix>`](#)

[programs.htop.enable](#)

Whether to enable htop.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/htop.nix>`](#)

[programs.htop.package](#)

Package containing the **htop** program.

Type: package

Default: pkgs.htop

Declared by:

[`<home-manager/modules/programs/htop.nix>`](#)

[programs.htop.settings](#)

Configuration options to add to `$XDG_CONFIG_HOME/htop/htoprc`.

Type: attribute set

Default: { }

Example:

```
{  
    color_scheme = 6;  
    cpu_count_from_one = 0;  
    delay = 15;  
    fields = with config.lib.htop.fields; [  
        PID  
        USER  
        PRIORITY  
        NICE  
        M_SIZE  
        M_RESIDENT  
        M_SHARE  
        STATE  
        PERCENT_CPU  
        PERCENT_MEM  
        TIME  
        COMM  
    ];  
    highlight_base_name = 1;  
    highlight_megabytes = 1;  
    highlight_threads = 1;  
} // (with config.lib.htop; leftMeters [  
    (bar "AllCPUs2")  
    (bar "Memory")  
    (bar "Swap")  
    (text "Zram")  
]) // (with config.lib.htop; rightMeters [  
    (text "Tasks")  
    (text "LoadAverage")  
    (text "Uptime")  
    (text "Systemd")  
]);
```

Declared by:

[<home-manager/modules/programs/htop.nix>](#)

[programs.hyfetch.enable](#)

Whether to enable hyfetch.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/hyfetch.nix>`](#)

[programs.hyfetch.package](#)

The hyfetch package to use.

Type: package

Default: pkgs.hyfetch

Declared by:

[`<home-manager/modules/programs/hyfetch.nix>`](#)

[programs.hyfetch.settings](#)

JSON config for HyFetch

Type: JSON value

Default: { }

Example:

```
{  
    preset = "rainbow";  
    mode = "rgb";  
    color_align = {  
        mode = "horizontal";  
    };  
}
```

Declared by:

[`<home-manager/modules/programs/hyfetch.nix>`](#)

programs.i3blocks.enable

Whether to enable i3blocks i3 status command scheduler.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/i3blocks.nix>](#)

programs.i3blocks.package

Package providing **i3blocks**.

Type: package

Default: pkgs.i3blocks

Declared by:

[<home-manager/modules/programs/i3blocks.nix>](#)

programs.i3blocks.bars

Configuration written to i3blocks config

Type: attribute set of (DAG of attribute set of (INI atom (null, int, bool, string, or float)))

Example:

```
{  
    top = {  
        # The title block  
        title = {  
            interval = "persist";  
            command = "xtitle -s";  
        };  
    };  
    bottom = {  
        time = {  
            command = "date +%r";  
            interval = 1;  
        };  
        # Make sure this block comes after the time block
```

```
date = lib.hm.dag.entryAfter [ "time" ] {  
    command = "date +%d";  
    interval = 5;  
};  
# And this block after the example block  
example = lib.hm.dag.entryAfter [ "date" ] {  
    command = "echo hi $(date +%s)";  
    interval = 3;  
};  
};  
}
```

Declared by:

[`<home-manager/modules/programs/i3blocks.nix>`](#)

`programs.i3status.enable`

Whether to enable i3status.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/i3status.nix>`](#)

`programs.i3status.enableDefault`

Whether or not to enable the default configuration.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/i3status.nix>`](#)

`programs.i3status.package`

The i3status package to use.

Type: package

Default: pkgs.i3status

Declared by:

[`<home-manager/modules/programs/i3status.nix>`](#)

[programs.i3status.general](#)

Configuration to add to i3status config general section. See `i3status(1)` for options.

Type: attribute set of (boolean or signed integer or string)

Default: { }

Example:

```
{  
    colors = true;  
    color_good = "#e0e0e0";  
    color_degraded = "#d7ae00";  
    color_bad = "#f69d6a";  
    interval = 1;  
}
```

Declared by:

[`<home-manager/modules/programs/i3status.nix>`](#)

[programs.i3status.modules](#)

Modules to add to i3status config file. See `i3status(1)` for options.

Type: attribute set of (submodule)

Default: { }

Example:

```
{  
    "volume master" = {  
        position = 1;  
        settings = {  
            format = "♪ %volume";  
            format_muted = "♪ muted (%volume)";  
            device = "pulse:1";  
    };  
}
```

```
    };
};

"disk /" = {
  position = 2;
  settings = {
    format = "/ %avail";
  };
};
}
```

Declared by:

[`<home-manager/modules/programs/i3status.nix>`](#)

`programs.i3status.modules.<name>.enable`

Whether or not to enable this module.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/i3status.nix>`](#)

`programs.i3status.modules.<name>.position`

Position of this module in i3status order.

Type: signed integer or floating point number

Declared by:

[`<home-manager/modules/programs/i3status.nix>`](#)

`programs.i3status.modules.<name>.settings`

Configuration to add to this i3status module. See i3status(1) for options.

Type: attribute set of (boolean or signed integer or string)

Default: { }

Example:

```
{  
    format = "♪ %volume";  
    format_muted = "♪ muted (%volume)";  
    device = "pulse:1";  
}
```

Declared by:

[<home-manager/modules/programs/i3status.nix>](#)

programs.i3status-rust.enable

Whether to enable a replacement for i3-status written in Rust.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/i3status-rust.nix>](#)

programs.i3status-rust.package

Package providing i3status-rust

Type: package

Default: pkgs.i3status-rust

Declared by:

[<home-manager/modules/programs/i3status-rust.nix>](#)

programs.i3status-rust.bars

Attribute set of i3status-rust bars, each with their own configuration. Each bar name generates a config file suffixed with the bar's name from the attribute set, like so: config-`-${name}.toml`.

This way, multiple config files can be generated, such as for having a top and a bottom bar.

See i3status-rust(1) for options.

Type: attribute set of (submodule)

Default:

```
{  
    default = {  
        blocks = [  
            {  
                alert = 10.0;  
                block = "disk_space";  
                info_type = "available";  
                interval = 60;  
                path = "/";  
                warning = 20.0;  
            }  
            {  
                block = "memory";  
                format = " $icon mem_used_percents ";  
                format_alt = " $icon $swap_used_percents ";  
            }  
            {  
                block = "cpu";  
                interval = 1;  
            }  
            {  
                block = "load";  
                format = " $icon $1m ";  
                interval = 1;  
            }  
            {  
                block = "sound";  
            }  
            {  
                block = "time";  
                format = " $timestamp.datetime(f:'%a %d/%m %R') ";  
                interval = 60;  
            }  
        ];  
    };  
}
```

Example:

```
bottom = {
  blocks = [
    {
      block = "disk_space";
      path = "/";
      info_type = "available";
      interval = 60;
      warning = 20.0;
      alert = 10.0;
    }
    {
      block = "memory";
      format_mem = " $icon $mem_used_percents ";
      format_swap = " $icon $swap_used_percents ";
    }
    {
      block = "cpu";
      interval = 1;
    }
    {
      block = "load";
      interval = 1;
      format = " $icon $1m ";
    }
    { block = "sound"; }
    {
      block = "time";
      interval = 60;
      format = " $timestamp.datetime(f:'%a %d/%m %R') ";
    }
  ];
  settings = {
    theme = {
      theme = "solarized-dark";
      overrides = {
        idle_bg = "#123456";
        idle_fg = "#abcdef";
      };
    };
  };
  icons = "awesome5";
  theme = "gruvbox-dark";
};
```

Declared by:

[`<home-manager/modules/programs/i3status-rust.nix>`](#)

[programs.i3status-rust.bars.<name>.blocks](#)

Configuration blocks to add to i3status-rust config. See <https://github.com/greshake/i3status-rust/blob/master/blocks.md> for block options.

Type: TOML value

Default:

```
[  
  {  
    block = "cpu";  
  }  
  {  
    alert = 10.0;  
    block = "disk_space";  
    format = " $icon root: $available.eng(w:2) ";  
    info_type = "available";  
    interval = 20;  
    path = "/";  
    warning = 20.0;  
  }  
  {  
    block = "memory";  
    format = " $icon $mem_total_used_percents.eng(w:2) ";  
    format_alt = " $icon_swap $swap_used_percents.eng(w:2) ";  
  }  
  {  
    block = "sound";  
    click = [  
      {  
        button = "left";  
        cmd = "pavucontrol";  
      }  
    ];  
  }  
]
```

```
    block = "time";
    format = " $timestamp.datetime(f:'%a %d/%m %R') ";
    interval = 5;
}
]
```

Example:

```
[

{
    block = "disk_space";
    path = "/";
    info_type = "available";
    interval = 60;
    warning = 20.0;
    alert = 10.0;
}
{
    block = "sound";
    format = " $icon $output_name {$volume.eng(w:2) |}";
    click = [
        {
            button = "left";
            cmd = "pavucontrol --tab=3";
        }
    ];
    mappings = {
        "alsa_output.pci-0000_00_1f.3.analog-stereo" = "🔊";
        "bluez_sink.70_26_05_DA_27_A4.a2dp_sink" = "🎧";
    };
}
];
```

Declared by:

[<home-manager/modules/programs/i3status-rust.nix>](#)

[programs.i3status-rust.bars.<name>.icons](#)

The icons set to use. See <https://github.com/greshake/i3status-rust/blob/master/doc/themes.md> for a list of available icon sets.

Type: string

Default: "none"

Example: "awesome6"

Declared by:

[<home-manager/modules/programs/i3status-rust.nix>](#)

[programs.i3status-rust.bars.<name>.settings](#)

Any extra options to add to i3status-rust config.

Type: TOML value

Default: { }

Example:

```
{  
    theme = {  
        theme = "solarized-dark";  
        overrides = {  
            idle_bg = "#123456";  
            idle_fg = "#abcdef";  
        };  
    };  
}
```

Declared by:

[<home-manager/modules/programs/i3status-rust.nix>](#)

[programs.i3status-rust.bars.<name>.theme](#)

The theme to use. See <https://github.com/greshake/i3status-rust/blob/master/doc/themes.md> for a list of available themes.

Type: string

Default: "plain"

Example: "gruvbox-dark"

Declared by:

[`<home-manager/modules/programs/i3status-rust.nix>`](#)[`programs.imv.enable`](#)

Whether to enable imv: a command line image viewer intended for use with tiling window managers.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/imv.nix>`](#)[`programs.imv.package`](#)

The imv package to use.

Type: package

Default: pkgs.imv

Declared by:

[`<home-manager/modules/programs/imv.nix>`](#)[`programs.imv.settings`](#)

Configuration options for imv. See imv(5).

Type: attribute set of attribute set of (boolean or signed integer or string)

Default: { }

Example:

```
{  
    options.background = "fffffff";  
    aliases.x = "close";  
}
```

Declared by:

[<home-manager/modules/programs/imv.nix>](#)

programs.info.enable

Whether to enable GNU Info.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/info.nix>](#)

programs.ion.enable

Whether to enable the Ion Shell. Compatible with Redox and Linux.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/ion.nix>](#)

programs.ion.package

The ion package to install. May be used to change the version.

Type: package

Default: pkgs.ion

Declared by:

[<home-manager/modules/programs/ion.nix>](#)

programs.ion.initExtra

Ion script which is called during ion initialization.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[`<home-manager/modules/programs/ion.nix>`](#)[programs.ion.shellAliases](#)

An attribute set that maps aliases (the top level attribute names in this option) to command strings or directly to build outputs.

Type: attribute set of string

Default: { }

Example:

```
{  
  g = "git";  
}
```

Declared by:

[`<home-manager/modules/programs/ion.nix>`](#)[programs.irssi.enable](#)

Whether to enable the Irssi chat client.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/irssi.nix>`](#)[programs.irssi.aliases](#)

An attribute set that maps aliases to commands.

Type: attribute set of string

Default: { }

Example:

```
{  
    BYE = "quit";  
    J = "join";  
}
```

Declared by:

[<home-manager/modules/programs/irssi.nix>](#)

programs.irssi.extraConfig

These lines are appended to the Irssi configuration.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[<home-manager/modules/programs/irssi.nix>](#)

programs.irssi.networks

An attribute set of chat networks.

Type: attribute set of (submodule)

Default: { }

Example:

```
{  
    liberachat = {  
        nick = "hmuser";  
        server = {  
            address = "irc.libera.chat";  
            port = 6697;  
            autoConnect = true;  
        };  
        channels = {  
            nixos.autoJoin = true;  
        };  
    };  
}
```

Declared by:

[<home-manager/modules/programs/irssi.nix>](#)

programs.irssi.networks.<name>.autoCommands

List of commands to execute on connect.

Type: list of string

Default: []

Declared by:

[<home-manager/modules/programs/irssi.nix>](#)

programs.irssi.networks.<name>.channels

Channels for the given network.

Type: attribute set of (submodule)

Default: { }

Declared by:

[<home-manager/modules/programs/irssi.nix>](#)

programs.irssi.networks.<name>.channels.<name>.autoJoin

Whether to join this channel on connect.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/programs/irssi.nix>`](#)

[`programs.irssi.networks.<name>.nick`](#)

Nickname in that network.

Type: string

Declared by:

[`<home-manager/modules/programs/irssi.nix>`](#)

[`programs.irssi.networks.<name>.saslExternal`](#)

Enable SASL external authentication. This requires setting a path in [`programs.irssi.networks.<name>.server.ssl.certificateFile`](#).

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/programs/irssi.nix>`](#)

[`programs.irssi.networks.<name>.server.address`](#)

Address of the chat server.

Type: string

Declared by:

[`<home-manager/modules/programs/irssi.nix>`](#)

[`programs.irssi.networks.<name>.server.autoConnect`](#)

Whether Irssi connects to the server on launch.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/programs/irssi.nix>`](#)[`programs.irssi.networks.<name>.server.port`](#)

Port of the chat server.

Type: 16 bit unsigned integer; between 0 and 65535 (both inclusive)

Default: 6667

Declared by:

[`<home-manager/modules/programs/irssi.nix>`](#)[`programs.irssi.networks.<name>.server.ssl.enable`](#)

Whether SSL should be used.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/irssi.nix>`](#)[`programs.irssi.networks.<name>.server.ssl.certificateFile`](#)

Path to a file containing the certificate used for client authentication to the server.

Type: null or path

Default: null

Declared by:

[`<home-manager/modules/programs/irssi.nix>`](#)[`programs.irssi.networks.<name>.server.ssl.verify`](#)

Whether the SSL certificate should be verified.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/irssi.nix>`](#)[`programs.irssi.networks.<name>.type`](#)

Type of the network.

Type: string

Default: "IRC"

Declared by:

[<home-manager/modules/programs/irssi.nix>](#)

programs.java.enable

Install the Java development kit and set the JAVA_HOME variable.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/java.nix>](#)

programs.java.package

Java package to install. Typical values are pkgs.jdk or pkgs.jre.

Type: package

Default: "pkgs.jdk"

Declared by:

[<home-manager/modules/programs/java.nix>](#)

programs.joshuto.enable

Whether to enable joshuto file manager.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/joshuto.nix>](#)

programs.joshuto.package

The package to use for joshuto.

Type: package

Default: pkgs.joshuto

Declared by:

[<home-manager/modules/programs/joshuto.nix>](#)

programs.joshuto.keymap

Configuration written to \$XDG_CONFIG_HOME/joshuto/keymap.toml.

See <https://github.com/kamiyaa/joshuto/blob/main/docs/configuration/keymap.toml.md> for the full list of options. Note that this option will overwrite any existing keybinds.

Type: TOML value

Default: { }

Declared by:

[<home-manager/modules/programs/joshuto.nix>](#)

programs.joshuto.mimetype

Configuration written to \$XDG_CONFIG_HOME/joshuto/mimetype.toml.

See <https://github.com/kamiyaa/joshuto/blob/main/docs/configuration/mimetype.toml.md> for the full list of options

Type: TOML value

Default: { }

Declared by:

[<home-manager/modules/programs/joshuto.nix>](#)

programs.joshuto.settings

Configuration written to \$XDG_CONFIG_HOME/joshuto/joshuto.toml.

See <https://github.com/kamiyaa/joshuto/blob/main/docs/configuration/joshuto.toml.md> for the full list of options.

Type: TOML value

Default: { }

Declared by:

[home-manager/modules/programs/joshuto.nix](#)

programs.joshuto.theme

Configuration written to `$XDG_CONFIG_HOME/joshuto/theme.toml`.

See <https://github.com/kamiyaa/joshuto/blob/main/docs/configuration/theme.toml.md> for the full list of options

Type: TOML value

Default: { }

Declared by:

[home-manager/modules/programs/joshuto.nix](#)

programs.jq.enable

Whether to enable the jq command-line JSON processor.

Type: boolean

Default: false

Example: true

Declared by:

[home-manager/modules/programs/jq.nix](#)

programs.jq.package

jq package to use.

Type: package

Default: pkgs.jq

Declared by:

[home-manager/modules/programs/jq.nix](#)

programs.jq.colors

The colors used in colored JSON output.

See the [Colors section](#) of the jq manual.

Type: submodule

Default:

```
{  
    arrays = "1;37";  
    false = "0;37";  
    null = "1;30";  
    numbers = "0;37";  
    objects = "1;37";  
    strings = "0;32";  
    true = "0;37";  
}
```

Example:

```
{  
    null      = "1;30";  
    false     = "0;31";  
    true      = "0;32";  
    numbers   = "0;36";  
    strings   = "0;33";  
    arrays    = "1;35";  
    objects   = "1;37";  
}
```

Declared by:

[<home-manager/modules/programs/jq.nix>](#)

[programs.jujutsu.enable](#)

Whether to enable a Git-compatible DVCS that is both simple and powerful.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/jujutsu.nix>](#)

[programs.jujutsu.enableBashIntegration](#)

Whether to enable Bash integration.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/jujutsu.nix>](#)

programs.jujutsu.enableFishIntegration

Whether to enable Fish integration.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/jujutsu.nix>](#)

programs.jujutsu.enableZshIntegration

Whether to enable Zsh integration.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/jujutsu.nix>](#)

programs.jujutsu.package

The jujutsu package to use.

Type: package

Default: pkgs.jujutsu

Declared by:

[<home-manager/modules/programs/jujutsu.nix>](#)

programs.jujutsu.settings

Options to add to the `.jjconfig.toml` file. See <https://github.com/martinvonz/jj/blob/main/docs/config.md> for options.

Type: TOML value

Default: { }

Example:

```
{  
    user = {  
        name = "John Doe";  
        email = "jdoe@example.org";  
    };  
}
```

Declared by:

[`<home-manager/modules/programs/jujutsu.nix>`](#)

[programs.k9s.enable](#)

Whether to enable k9s - Kubernetes CLI To Manage Your Clusters In Style.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/k9s.nix>`](#)

[programs.k9s.package](#)

The k9s package to use.

Type: package

Default: pkgs.k9s

Declared by:

[`<home-manager/modules/programs/k9s.nix>`](#)

[programs.k9s.aliases](#)

Aliases written to \$XDG_CONFIG_HOME/k9s/aliases.yaml. See <https://k9scli.io/topics/aliases/> for supported values.

Type: YAML value

Default: { }

Example:

```
alias = {  
    # Use pp as an alias for Pod  
    pp = "v1/pods";  
};
```

Declared by:

[<home-manager/modules/programs/k9s.nix>](#)

programs.k9s.hotkey

Hotkeys written to \$XDG_CONFIG_HOME/k9s/hotkey.yaml. See <https://k9scli.io/topics/hotkeys/> for supported values.

Type: YAML value

Default: { }

Example:

```
hotkey = {  
    # Make sure this is camel case  
    hotKey = {  
        shift-0 = {  
            shortCut = "Shift-0";  
            description = "Viewing pods";  
            command = "pods";  
        };  
    };  
};
```

Declared by:

[<home-manager/modules/programs/k9s.nix>](#)

programs.k9s.plugin

Plugins written to `$XDG_CONFIG_HOME/k9s/plugin.yaml`. See <https://k9scli.io/topics/plugins/> for supported values.

Type: YAML value

Default: { }

Example:

```
plugin = {
    # Defines a plugin to provide a `ctrl-l` shortcut to
    # tail the logs while in pod view.
    fred = {
        shortCut = "Ctrl-L";
        description = "Pod logs";
        scopes = [ "po" ];
        command = "kubectl";
        background = false;
        args = [
            "logs"
            "-f"
            "$NAME"
            "-n"
            "$NAMESPACE"
            "--context"
            "$CLUSTER"
        ];
    };
};
```

Declared by:

[<home-manager/modules/programs/k9s.nix>](#)

programs.k9s.settings

Configuration written to `$XDG_CONFIG_HOME/k9s/config.yaml`. See <https://k9scli.io/topics/config/> for supported values.

Type: YAML value

Default: { }

Example:

```
k9s = {  
    refreshRate = 2;  
};
```

Declared by:

[<home-manager/modules/programs/k9s.nix>](#)

programs.k9s.skins

Skin files written to `$XDG_CONFIG_HOME/k9s/skins/`. See <https://k9scli.io/topics/skins/> for supported values.

Type: attribute set of (YAML value)

Default: { }

Example:

```
my_blue_skin = {  
    k9s = {  
        body = {  
            fgColor = "dodgerblue";  
        };  
    };  
};
```

Declared by:

[<home-manager/modules/programs/k9s.nix>](#)

programs.k9s.views

Resource column views written to `$XDG_CONFIG_HOME/k9s/views.yaml`. See <https://k9scli.io/topics/columns/> for supported values.

Type: YAML value

Default: { }

Example:

```
k9s = {  
    views = {  
        "v1/pods" = {  
            columns = [  
                "AGE"  
                "NAMESPACE"  
                "NAME"  
                "IP"  
                "NODE"  
                "STATUS"  
                "READY"  
            ];  
        };  
    };  
};
```

Declared by:

[<home-manager/modules/programs/k9s.nix>](#)

programs.kakoune.enable

Whether to enable the kakoune text editor.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/kakoune.nix>](#)

programs.kakoune.package

The kakoune-unwrapped package to use.

Type: package

Default: pkgs.kakoune-unwrapped

Declared by:

[home-manager/modules/programs/kakoune.nix](#)programs.kakoune.config

kakoune configuration options.

Type: null or (submodule)

Default: { }

Declared by:

[home-manager/modules/programs/kakoune.nix](#)programs.kakoune.config.alignWithTabs

Use tabs for the align command.

Type: boolean

Default: false

Declared by:

[home-manager/modules/programs/kakoune.nix](#)programs.kakoune.config.autoComplete

Modes in which to display possible completions. The kakoune default is ["insert" "prompt"].

Type: null or (list of (one of "insert", "prompt"))

Default: null

Declared by:

[home-manager/modules/programs/kakoune.nix](#)programs.kakoune.config.autoInfo

Contexts in which to display automatic information box. The kakoune default is ["command" "onkey"].

Type: null or (list of (one of "command", "onkey", "normal"))

Default: null

Example:

[

```
  "command"
  "normal"
]
```

Declared by:

[<home-manager/modules/programs/kakoune.nix>](#)

programs.kakoune.config.autoReload

Reload buffers when an external modification is detected. The kakoune default is "ask".

Type: null or one of "yes", "no", "ask"

Default: null

Declared by:

[<home-manager/modules/programs/kakoune.nix>](#)

programs.kakoune.config.colorScheme

Set the color scheme. To see available schemes, enter **colorscheme** at the kakoune prompt.

Type: null or string

Default: null

Declared by:

[<home-manager/modules/programs/kakoune.nix>](#)

programs.kakoune.config.hooks

Global hooks. For documentation, see <https://github.com/mawww/kakoune/blob/master/doc/pages/hooks.asciidoc>.

Type: list of (submodule)

Default: []

Declared by:

[<home-manager/modules/programs/kakoune.nix>](#)

programs.kakoune.config.hooks.*.commands

Commands to run when the hook is activated.

Type: strings concatenated with "\n"

Default: ""

Example: "set-option window indentwidth 2"

Declared by:

[<home-manager/modules/programs/kakoune.nix>](#)

programs.kakoune.config.hooks.*.group

Add the hook to the named group.

Type: null or string

Default: null

Declared by:

[<home-manager/modules/programs/kakoune.nix>](#)

programs.kakoune.config.hooks.*.name

The name of the hook. For a description, see <https://github.com/mawww/kakoune/blob/master/doc/pages/hooks.asciidoc#default-hooks>.

Type: one of "NormalIdle", "NormalKey", "InsertIdle", "InsertKey", "InsertChar", "InsertDelete", "InsertMove", "WinCreate", "WinClose", "WinResize", "WinDisplay", "WinSetOption", "BufSetOption", "BufNewFile", "BufOpenFile", "BufCreate", "BufWritePre", "BufWritePost", "BufReload", "BufClose", "BufOpenFifo", "BufReadFifo", "BufCloseFifo", "RuntimeError", "ModeChange", "PromptIdle", "GlobalSetOption", "KakBegin", "KakEnd", "FocusIn", "FocusOut", "RawKey", "InsertCompletionShow", "InsertCompletionHide", "ModuleLoaded", "ClientCreate", "ClientClose", "RegisterModified", "User"

Example: "SetOption"

Declared by:

[<home-manager/modules/programs/kakoune.nix>](#)

programs.kakoune.config.hooks.*.once

Remove the hook after running it once.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/programs/kakoune.nix>](#)

programs.kakoune.config.hooks.*.option

Additional option to pass to the hook.

Type: null or string

Default: null

Example: "filetype=latex"

Declared by:

[<home-manager/modules/programs/kakoune.nix>](#)

programs.kakoune.config.incrementalSearch

Execute a search as it is being typed.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/kakoune.nix>](#)

programs.kakoune.config.indentWidth

The width of an indentation in spaces. The kakoune default is 4. If 0, a tab will be used instead.

Type: null or (unsigned integer, meaning ≥ 0)

Default: null

Declared by:

[<home-manager/modules/programs/kakoune.nix>](#)

programs.kakoune.config.keyMappings

User-defined key mappings. For documentation, see <https://github.com/mawww/kakoune/blob/master/doc/pages/mapping.asciidoc>.

Type: list of (submodule)

Default: []

Declared by:

[<home-manager/modules/programs/kakoune.nix>](#)

programs.kakoune.config.keyMappings.*.docstring

Optional documentation text to display in info boxes.

Type: null or string

Default: null

Declared by:

[<home-manager/modules/programs/kakoune.nix>](#)

[programs.kakoune.config.keyMappings.*.effect](#)

The sequence of keys to be mapped.

Type: string

Example: ":wq<ret>"

Declared by:

[<home-manager/modules/programs/kakoune.nix>](#)

[programs.kakoune.config.keyMappings.*.key](#)

The key to be mapped. See <https://github.com/mawww/kakoune/blob/master/doc/pages/mapping.asciidoc#mappable-keys> for possible values.

Type: string

Example: "<a-x>"

Declared by:

[<home-manager/modules/programs/kakoune.nix>](#)

[programs.kakoune.config.keyMappings.*.mode](#)

The mode in which the mapping takes effect.

Type: string

Example: "user"

Declared by:

[<home-manager/modules/programs/kakoune.nix>](#)

[programs.kakoune.config.numberLines](#)

Settings for the number lines highlighter.

Type: null or (submodule)

Default: null

Declared by:

[<home-manager/modules/programs/kakoune.nix>](#)

[programs.kakoune.config.numberLines.enable](#)

Whether to enable the number lines highlighter.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/kakoune.nix>](#)

[programs.kakoune.config.numberLines.highlightCursor](#)

Highlight the cursor line with a separate face.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/programs/kakoune.nix>](#)

[programs.kakoune.config.numberLines.relative](#)

Show line numbers relative to the main cursor line.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/programs/kakoune.nix>](#)

[programs.kakoune.config.numberLines.separator](#)

String that separates the line number column from the buffer contents. The kakoune default is " | ".

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/programs/kakoune.nix>`](#)

`programs.kakoune.config.scrollOff`

How many lines and columns to keep visible around the cursor.

Type: null or (submodule)

Default: null

Declared by:

[`<home-manager/modules/programs/kakoune.nix>`](#)

`programs.kakoune.config.scrollOff.columns`

The number of columns to keep visible around the cursor.

Type: unsigned integer, meaning ≥ 0

Default: 0

Declared by:

[`<home-manager/modules/programs/kakoune.nix>`](#)

`programs.kakoune.config.scrollOff.lines`

The number of lines to keep visible around the cursor.

Type: unsigned integer, meaning ≥ 0

Default: 0

Declared by:

[`<home-manager/modules/programs/kakoune.nix>`](#)

`programs.kakoune.config.showMatching`

Highlight the matching char of the character under the selections' cursor using the MatchingChar face.

Type: boolean

Default: false

Declared by:

[home-manager/modules/programs/kakoune.nix](#)[programs.kakoune.config.showWhitespace](#)

Settings for the show whitespaces highlighter.

Type: null or (submodule)

Default: null

Declared by:

[home-manager/modules/programs/kakoune.nix](#)[programs.kakoune.config.showWhitespace.enable](#)

Whether to enable the show whitespace highlighter.

Type: boolean

Default: false

Example: true

Declared by:

[home-manager/modules/programs/kakoune.nix](#)[programs.kakoune.config.showWhitespace.lineFeed](#)

The character to display for line feeds. The kakoune default is "\r".

Type: null or string

Default: null

Declared by:

[home-manager/modules/programs/kakoune.nix](#)[programs.kakoune.config.showWhitespace.nonBreakingSpace](#)

The character to display for non-breaking spaces. The kakoune default is "\u00a0".

Type: null or string

Default: null

Declared by:

[home-manager/modules/programs/kakoune.nix](#)

[programs.kakoune.config.showWhitespace.space](#)

The character to display for spaces. The kakoune default is "·".

Type: null or string

Default: null

Declared by:

[<home-manager/modules/programs/kakoune.nix>](#)

[programs.kakoune.config.showWhitespace.tab](#)

The character to display for tabs. The kakoune default is "→".

Type: null or string

Default: null

Declared by:

[<home-manager/modules/programs/kakoune.nix>](#)

[programs.kakoune.config.showWhitespace.tabStop](#)

The character to append to tabs to reach the width of a tabstop. The kakoune default is " ".

Type: null or string

Default: null

Declared by:

[<home-manager/modules/programs/kakoune.nix>](#)

[programs.kakoune.config.tabStop](#)

The width of a tab in spaces. The kakoune default is 6.

Type: null or (unsigned integer, meaning ≥ 0)

Default: null

Declared by:

[<home-manager/modules/programs/kakoune.nix>](#)

[programs.kakoune.config.ui](#)

Settings for the ncurses interface.

Type: null or (submodule)

Default: null

Declared by:

[<home-manager/modules/programs/kakoune.nix>](#)

programs.kakoune.config.ui.enableMouse

Whether to enable mouse support.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/programs/kakoune.nix>](#)

programs.kakoune.config.ui.assistant

The assistant displayed in info boxes.

Type: one of “clippy”, “cat”, “dilbert”, “none”

Default: "clippy"

Declared by:

[<home-manager/modules/programs/kakoune.nix>](#)

programs.kakoune.config.ui.changeColors

Change color palette.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/kakoune.nix>](#)

programs.kakoune.config.ui.setTitle

Change the title of the terminal emulator.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/programs/kakoune.nix>`](#)

[`programs.kakoune.config.ui.shiftFunctionKeys`](#)

Amount by which shifted function keys are offset. That is, if the terminal sends F13 for Shift-F1, this should be 12.

Type: null or (unsigned integer, meaning ≥ 0)

Default: null

Declared by:

[`<home-manager/modules/programs/kakoune.nix>`](#)

[`programs.kakoune.config.ui.statusLine`](#)

Where to display the status line.

Type: one of “top”, “bottom”

Default: "bottom"

Declared by:

[`<home-manager/modules/programs/kakoune.nix>`](#)

[`programs.kakoune.config.ui.useBuiltinKeyParser`](#)

Bypass ncurses key parser and use an internal one.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/programs/kakoune.nix>`](#)

[`programs.kakoune.config.ui.wheelDownButton`](#)

Button to send for wheel down events.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/programs/kakoune.nix>`](#)[`programs.kakoune.config.ui.wheelUpButton`](#)

Button to send for wheel up events.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/programs/kakoune.nix>`](#)[`programs.kakoune.config.wrapLines`](#)

Settings for the wrap lines highlighter.

Type: null or (submodule)

Default: null

Declared by:

[`<home-manager/modules/programs/kakoune.nix>`](#)[`programs.kakoune.config.wrapLines.enable`](#)

Whether to enable the wrap lines highlighter.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/kakoune.nix>`](#)[`programs.kakoune.config.wrapLines.indent`](#)

Preserve line indentation when wrapping.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/programs/kakoune.nix>`](#)

[programs.kakoune.config.wrapLines.marker](#)

Prefix wrapped lines with marker text. If not null, the marker text will be displayed in the indentation if possible.

Type: null or string

Default: null

Example: "`✉`"

Declared by:

[<home-manager/modules/programs/kakoune.nix>](#)

[programs.kakoune.config.wrapLines.maxWidth](#)

Wrap text at maxWidth, even if the window is wider.

Type: null or (unsigned integer, meaning ≥ 0)

Default: null

Declared by:

[<home-manager/modules/programs/kakoune.nix>](#)

[programs.kakoune.config.wrapLines.word](#)

Wrap at word boundaries instead of codepoint boundaries.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/programs/kakoune.nix>](#)

[programs.kakoune.defaultEditor](#)

Whether to configure **kak** as the default editor using the EDITOR environment variable.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/programs/kakoune.nix>](#)

[programs.kakoune.extraConfig](#)

Extra configuration lines to add to `$XDG_CONFIG_HOME/kak/kakrc`.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[<home-manager/modules/programs/kakoune.nix>](#)

programs.kakoune.plugins

List of kakoune plugins to install. To get a list of supported plugins run: `nix-env -f '<nixpkgs>' -qaP -A kakounePlugins`.

Type: list of package

Default: []

Example: [pkgs.kakounePlugins.kak-fzf]

Declared by:

[<home-manager/modules/programs/kakoune.nix>](#)

programs.keychain.enable

Whether to enable keychain.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/keychain.nix>](#)

programs.keychain.enableBashIntegration

Whether to enable Bash integration.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/keychain.nix>](#)

[programs.keychain.enableFishIntegration](#)

Whether to enable Fish integration.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/keychain.nix>](#)

[programs.keychain.enableNushellIntegration](#)

Whether to enable Nushell integration.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/keychain.nix>](#)

[programs.keychain.enableXsessionIntegration](#)

Whether to run keychain from your ~/.xsession.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/keychain.nix>](#)

[programs.keychain.enableZshIntegration](#)

Whether to enable Zsh integration.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/keychain.nix>](#)

[programs.keychain.package](#)

Keychain package to install.

Type: package

Default: pkgs.keychain

Declared by:

[`<home-manager/modules/programs/keychain.nix>`](#)

[programs.keychain.agents](#)

Agents to add.

Type: list of string

Default: []

Declared by:

[`<home-manager/modules/programs/keychain.nix>`](#)

[programs.keychain.extraFlags](#)

Extra flags to pass to keychain.

Type: list of string

Default:

```
[  
  "- -quiet"  
]
```

Declared by:

[`<home-manager/modules/programs/keychain.nix>`](#)

[programs.keychain.inheritType](#)

Inherit type to attempt from agent variables from the environment.

Type: null or one of “local”, “any”, “local-once”, “any-once”

Default: null

Declared by:

[`<home-manager/modules/programs/keychain.nix>`](#)

programs.keychain.keys

Keys to add to keychain.

Type: list of string

Default:

```
[  
  "id_rsa"  
]
```

Declared by:

[<home-manager/modules/programs/keychain.nix>](#)

programs.khal.enable

Whether to enable khal, a CLI calendar application.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/khal.nix>](#)

programs.khal.locale

khal locale settings.

Type: submodule

Default: { }

Declared by:

[<home-manager/modules/programs/khal.nix>](#)

programs.khal.locale.dateFormat

khal will display and understand all dates in this format.

Format strings are for Python strftime, similarly to strftime(3).

Type: string

Default: "%x"

Declared by:

[`<home-manager/modules/programs/khal.nix>`](#)

[programs.khal.locale.datetimeformat](#)

khal will display and understand all datetimes in this format.

Format strings are for Python `strftime`, similarly to `strftime(3)`.

Type: string

Default: "%c"

Declared by:

[`<home-manager/modules/programs/khal.nix>`](#)

[programs.khal.locale.default_timezone](#)

Default for new events or if khal does not understand the timezone in an ical file. If null, the timezone of your computer will be used.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/programs/khal.nix>`](#)

[programs.khal.locale.firstweekday](#)

The first day of the week, where Monday is 0 and Sunday is 6.

Type: integer between 0 and 6 (both inclusive)

Default: 0

Declared by:

[`<home-manager/modules/programs/khal.nix>`](#)

[programs.khal.locale.local_timezone](#)

khal will show all times in this timezone. If null, the timezone of your computer will be used.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/programs/khal.nix>`](#)

[`programs.khal.locale.longdateformat`](#)

khal will display and understand all dates in this format. It should contain a year (e.g. %Y).

Format strings are for Python `strftime`, similarly to `strftime(3)`.

Type: string

Default: "%x"

Declared by:

[`<home-manager/modules/programs/khal.nix>`](#)

[`programs.khal.locale.longdatetimetypeformat`](#)

khal will display and understand all datetimes in this format. It should contain a year (e.g. %Y).

Format strings are for Python `strftime`, similarly to `strftime(3)`.

Type: string

Default: "%c"

Declared by:

[`<home-manager/modules/programs/khal.nix>`](#)

[`programs.khal.locale.timeformat`](#)

khal will display and understand all times in this format.

Format strings are for Python `strftime`, similarly to `strftime(3)`.

Type: string

Default: "%X"

Declared by:

[`<home-manager/modules/programs/khal.nix>`](#)

[`programs.khal.locale.unicode_symbols`](#)

By default khal uses some Unicode symbols (as in “non-ASCII”) as indicators for things like repeating events. If your font, encoding etc. does not support those symbols, set this to false (this

will enable ASCII-based replacements).

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/khal.nix>](#)

programs.khal.locale.weeknumbers

Enable week numbers in calendar and interactive (ikhal) mode. As those are ISO week numbers, they only work properly if `firstweekday` is set to 0.

Type: one of “off”, “left”, “right”

Default: "off"

Declared by:

[<home-manager/modules/programs/khal.nix>](#)

programs.khal.settings

Configuration options to add to the various sections in the configuration file.

Type: attribute set of attribute set of (INI atom (null, bool, int, float or string))

Default: { }

Example:

```
{  
    default = {  
        default_calendar = "Calendar";  
        timedelta = "5d";  
    };  
    view = {  
        agenda_event_format =  
            "{calendar-color}{cancelled}{start-end-time-style} {title}{repeat-symbol}{re  
    };  
}
```

Declared by:

[<home-manager/modules/programs/khal.nix>](#)

programs.khard.enable

Whether to enable Khard: an address book for the Unix console.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/khard.nix>`](#)

programs.khard.settings

Khard settings. See <https://khard.readthedocs.io/en/latest/#configuration> for more information.

Type: attribute set of attribute set of (boolean or string or list of string)

Default: { }

Example:

```
{  
    general = {  
        default_action = "list";  
        editor = ["vim" "-i" "NONE"];  
    };  
  
    "contact table" = {  
        display = "formatted_name";  
        preferred_phone_number_type = ["pref" "cell" "home"];  
        preferred_email_address_type = ["pref" "work" "home"];  
    };  
  
    vcard = {  
        private_objects = ["Jabber" "Skype" "Twitter"];  
    };  
}
```

Declared by:

[`<home-manager/modules/programs/khard.nix>`](#)

[programs.khard.settings.general.default_action](#)

The default action to execute.

Type: string

Default: "list"

Declared by:

[<home-manager/modules/programs/khard.nix>](#)

[programs.kitty.enable](#)

Whether to enable Kitty terminal emulator.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/kitty.nix>](#)

[programs.kitty.package](#)

Kitty package to install.

Type: package

Default: pkgs.kitty

Declared by:

[<home-manager/modules/programs/kitty.nix>](#)

[programs.kitty.darwinLaunchOptions](#)

Command-line options to use when launched by Mac OS GUI

Type: null or (list of string)

Default: null

Example:

```
[  
  "--single-instance"]
```

```
--directory=/tmp/my-dir"
"--listen-on=unix:/tmp/my-socket"
]
```

Declared by:

[<home-manager/modules/programs/kitty.nix>](#)

programs.kitty.environment

Environment variables to set or override.

Type: attribute set of string

Default: { }

Example:

```
{
  "LS_COLORS" = "1";
}
```

Declared by:

[<home-manager/modules/programs/kitty.nix>](#)

programs.kitty.extraConfig

Additional configuration to add.

Type: strings concatenated with “\n”

Default: ""

Declared by:

[<home-manager/modules/programs/kitty.nix>](#)

programs.kitty.font

The font to use.

Type: null or (submodule)

Default: null

Declared by:

[`<home-manager/modules/programs/kitty.nix>`](#)

[`programs.kitty.font.package`](#)

Package providing the font. This package will be installed to your profile. If null then the font is assumed to already be available in your profile.

Type: null or package

Default: null

Example: pkgs.dejavu_fonts

Declared by:

[`<home-manager/modules/programs/kitty.nix>`](#)

[`programs.kitty.font.name`](#)

The family name of the font within the package.

Type: string

Example: "DejaVu Sans"

Declared by:

[`<home-manager/modules/programs/kitty.nix>`](#)

[`programs.kitty.font.size`](#)

The size of the font.

Type: null or signed integer or floating point number

Default: null

Example: "8"

Declared by:

[`<home-manager/modules/programs/kitty.nix>`](#)

[`programs.kitty.keybindings`](#)

Mapping of keybindings to actions.

Type: attribute set of string

Default: { }

Example:

```
{  
  "ctrl+c" = "copy_or_interrupt";  
  "ctrl+f>2" = "set_font_size 20";  
}
```

Declared by:

[<home-manager/modules/programs/kitty.nix>](#)

programs.kitty.settings

Configuration written to \$XDG_CONFIG_HOME/kitty/kitty.conf. See <https://sw.kovidgoyal.net/kitty/conf.html> for the documentation.

Type: attribute set of (string or boolean or signed integer)

Default: { }

Example:

```
{  
  scrollback_lines = 10000;  
  enable_audio_bell = false;  
  update_check_interval = 0;  
}
```

Declared by:

[<home-manager/modules/programs/kitty.nix>](#)

programs.kitty.shellIntegration.enableBashIntegration

Whether to enable Kitty Bash integration.

Type: boolean

Default:

```
config.programs.kitty.shellIntegration.mode != "disabled"
```

Example: true

Declared by:

[<home-manager/modules/programs/kitty.nix>](#)

[programs.kitty.shellIntegration.enableFishIntegration](#)

Whether to enable Kitty fish integration.

Type: boolean

Default:

```
config.programs.kitty.shellIntegration.mode != "disabled"
```

Example: true

Declared by:

[<home-manager/modules/programs/kitty.nix>](#)

[programs.kitty.shellIntegration.enableZshIntegration](#)

Whether to enable Kitty Z Shell integration.

Type: boolean

Default:

```
config.programs.kitty.shellIntegration.mode != "disabled"
```

Example: true

Declared by:

[<home-manager/modules/programs/kitty.nix>](#)

programs.kitty.shellIntegration.mode

Set the mode of the shell integration. This accepts the same options as the `shell_integration` option of Kitty. Note that `no-rc` is always implied. See <https://sw.kovidgoyal.net/kitty/shell-integration> for more details.

Type: string

Default: "enabled"

Example: "no-cursor"

Declared by:

[`<home-manager/modules/programs/kitty.nix>`](#)

programs.kitty.theme

Apply a Kitty color theme. This option takes the friendly name of any theme given by the command `kitty +kitten themes`. See <https://github.com/kovidgoyal/kitty-themes> for more details.

Type: null or string

Default: null

Example: "Space Gray Eighties"

Declared by:

[`<home-manager/modules/programs/kitty.nix>`](#)

programs.kodi.enable

Whether to enable Kodi.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/kodi.nix>`](#)

programs.kodi.package

The kodi package to use. Can be used to specify extensions.

Type: package

Default: pkgs.kodi

Example: pkgs.kodi.withPackages (exts: [exts.pvr-iptvsimple])

Declared by:

[<home-manager/modules/programs/kodi.nix>](#)

[programs.kodi.addonSettings](#)

Attribute set with the plugin namespace as toplevel key and the plugins settings as lower level key/value pairs.

Kodi will still show the settings of plugins configured via this mechanism in the GUI and they appear to be mutable. This however is not the case and the settings will stay as specified via Home Manager.

Type: null or (attribute set of attribute set of string)

Default: null

Example:

```
{ "service.xbmc.versioncheck".versioncheck_enable = "false"; }
```

Declared by:

[<home-manager/modules/programs/kodi.nix>](#)

[programs.kodi.datadir](#)

Directory to store configuration and metadata.

Type: path

Default: "\${config.home.homeDirectory}/.kodi"

Example: "\${config.xdg.dataHome}/kodi"

Declared by:

[<home-manager/modules/programs/kodi.nix>](#)

[programs.kodi.settings](#)

Configuration to write to the advancedsettings.xml file in kidis userdata directory. Settings specified here will be immutable from inside kodi and be hidden from the GUI settings dialog.

See <https://kodi.wiki/view/Advancedsettings.xml> as reference for how settings need to be

specified.

The innermost attributes must be of type str.

Type: null or attribute sets of strings

Default: null

Example:

```
{ videolibrary.showemptytvshows = "true"; }
```

Declared by:

[<home-manager/modules/programs/kodi.nix>](#)

programs.kodi.sources

Contents to populate the file sources.xml in kidis userdata directory.

See <https://kodi.wiki/view/Sources.xml> as reference for how sources need to be specified.

Kodi will still show the dialogs to modify sources in the GUI and they appear to be mutable. This however is not the case and the sources will stay as specified via Home Manager.

The innermost attributes must be of type str.

Type: null or attribute sets or lists of strings

Default: null

Example:

```
{
  video = {
    default = "movies";
    source = [
      { name = "videos"; path = "/path/to/videos"; allowsharing = "true"; }
      { name = "movies"; path = "/path/to/movies"; allowsharing = "true"; }
    ];
  };
}
```

Declared by:

[<home-manager/modules/programs/kodi.nix>](#)

programs.lazygit.enable

Whether to enable lazygit, a simple terminal UI for git commands.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/lazygit.nix>](#)

programs.lazygit.package

The lazygit package to use.

Type: package

Default: pkgs.lazygit

Declared by:

[<home-manager/modules/programs/lazygit.nix>](#)

programs.lazygit.settings

Configuration written to \$XDG_CONFIG_HOME/lazygit/config.yml on Linux or on Darwin if xdg.enable is set, otherwise ~/Library/Application Support/lazygit/config.yml. See <https://github.com/jesseduffield/lazygit/blob/master/docs/Config.md> for supported values.

Type: YAML value

Default: { }

Example:

```
{  
    gui.theme = {  
        lightTheme = true;  
        activeBorderColor = [ "blue" "bold" ];  
        inactiveBorderColor = [ "black" ];  
        selectedLineBgColor = [ "default" ];  
    };  
};
```

```
}
```

Declared by:

[`<home-manager/modules/programs/lazygit.nix>`](#)

`programs.ledger.enable`

Whether to enable ledger, a double-entry accounting system.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/ledger.nix>`](#)

`programs.ledger.package`

The ledger package to use.

Type: package

Default: pkgs.ledger

Declared by:

[`<home-manager/modules/programs/ledger.nix>`](#)

`programs.ledger.extraConfig`

Extra configuration to add to \$XDG_CONFIG_HOME/ledger/ledgerrc.

Type: strings concatenated with “\n”

Default: “ ”

Example:

```
--sort date
--effective
--date-format %Y-%m-%d
```

Declared by:

[`<home-manager/modules/programs/ledger.nix>`](#)

`programs.ledger.settings`

Configuration written to `$XDG_CONFIG_HOME/ledger/ledgerrc`. See <https://www.ledger-cli.org/3.0/doc/ledger3.html#Detailed-Option-Description> for explanation about possible values.

Type: attribute set of (boolean or signed integer or string or list of string)

Default: { }

Example:

```
{  
    date-format = "%Y-%m-%d";  
    file = [  
        "~/finances/journal.ledger"  
        "~/finances/assets.ledger"  
        "~/finances/income.ledger"  
    ];  
    sort = "date";  
    strict = true;  
}
```

Declared by:

[`<home-manager/modules/programs/ledger.nix>`](#)

`programs.less.enable`

Whether to enable less, opposite of more.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/less.nix>`](#)

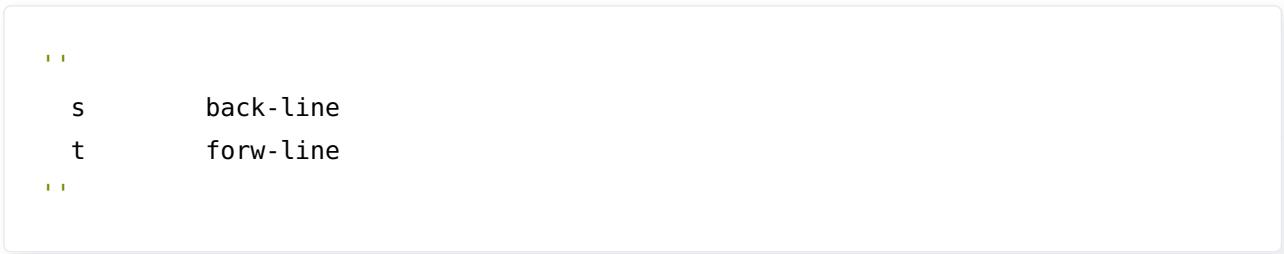
`programs.less.keys`

Extra configuration for `less` written to `$XDG_CONFIG_HOME/lesskey`.

Type: strings concatenated with “\n”

Default: “ ”

Example:



Declared by:

[<home-manager/modules/programs/less.nix>](#)

programs.lesspipe.enable

Whether to enable lesspipe preprocessor for less.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/lesspipe.nix>](#)

programs.lf.enable

Whether to enable lf.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/lf.nix>](#)

programs.lf.package

If package to use.

Type: package

Default: pkgs.lf

Declared by:

[<home-manager/modules/programs/lf.nix>](#)

programs.lf.cmdKeybindings

Keys to bind to command line commands which can only be one of the builtin commands. Keys set to null or an empty string are deleted.

Type: attribute set of (null or string)

Default: { }

Example: { "<c-g>" = "cmd-escape"; }

Declared by:

[<home-manager/modules/programs/lf.nix>](#)

programs.lf.commands

Commands to declare. Commands set to null or an empty string are deleted.

Type: attribute set of (null or string)

Default: { }

Example:

```
{  
    get-mime-type = "%xdg-mime query filetype \\"$f\\"";  
    open = "$$OPENER $f";  
}
```

Declared by:

[<home-manager/modules/programs/lf.nix>](#)

programs.lf.extraConfig

Custom lfrc lines.

Type: strings concatenated with “\n”

Default: ""

Example:

```
''  
  $mkdir -p ~/.trash  
''
```

Declared by:

[<home-manager/modules/programs/lf.nix>](#)

programs.lf.keybindings

Keys to bind. Keys set to null or an empty string are deleted.

Type: attribute set of (null or string)

Default: { }

Example:

```
{  
  D = "trash";  
  U = "!du -sh";  
  gg = null;  
  gh = "cd ~";  
  i = "$less $f";  
}
```

Declared by:

[<home-manager/modules/programs/lf.nix>](#)

programs.lf.previewers.keybinding

Key to bind to the script at previewer.source and pipe through less. Setting to null will not bind any key.

Type: null or string

Default: null

Example: "i"

Declared by:

[home-manager/modules/programs/lf.nix](#)

programs.lf.previewersource

Script or executable to use to preview files. Sets lf's previewer option.

Type: null or path

Default: null

Example:

```
pkgs.writeShellScript "pv.sh" ''
#!/bin/sh

case "$1" in
*.tar*) tar tf "$1";;
*.zip) unzip -l "$1";;
*.rar) unrar l "$1";;
*.7z) 7z l "$1";;
*.pdf) pdftotext "$1" -;;
*) highlight -0 ansi "$1" || cat "$1";;
esac
''
```

Declared by:

[home-manager/modules/programs/lf.nix](#)

programs.lf.settings

An attribute set of lf settings. See the lf documentation for detailed descriptions of these options. Prefer programs.lf.previewers.* for setting lf's previewer option. All string options are quoted with double quotes.

Type: attribute set of (string or signed integer or list of (string or signed integer) or boolean)

Default: { }

Example:

```
{
  number = true;
```

```
ratios = [
  1
  1
  2
];
tabstop = 4;
}
```

Declared by:

[<home-manager/modules/programs/lf.nix>](#)

programs.librewolf.enable

Whether to enable LibreWolf browser, a privacy enhanced Firefox fork.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/librewolf.nix>](#)

programs.librewolf.package

The LibreWolf package to use.

Type: package

Default: pkgs.librewolf

Declared by:

[<home-manager/modules/programs/librewolf.nix>](#)

programs.librewolf.settings

Attribute set of LibreWolf settings and overrides. Refer to <https://librewolf.net/docs/settings/> for details on supported values.

Type: attribute set of (boolean or signed integer or string)

Default: { }

Example:

```
{  
  "webgl.disabled" = false;  
  "privacy.resistFingerprinting" = false;  
}
```

Declared by:

[<home-manager/modules/programs/librewolf.nix>](#)

programs.lieer.enable

Whether to enable lieer Gmail synchronization for notmuch.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/lieer.nix>](#)

programs.lieer.package

lieer package to use.

Type: package

Default: "pkgs.lieer"

Declared by:

[<home-manager/modules/programs/lieer.nix>](#)

programs.looking-glass-client.enable

Whether to enable looking-glass-client.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/looking-glass-client.nix>](#)

[programs.looking-glass-client.package](#)

The looking-glass-client package to use.

Type: package

Default: pkgs.looking-glass-client

Declared by:

[<home-manager/modules/programs/looking-glass-client.nix>](#)

[programs.looking-glass-client.settings](#)

looking-glass-client settings.

Type: attribute set of attribute set of (INI atom (null, bool, int, float or string))

Default: { }

Example:

```
{  
    app = {  
        allowDMA = true;  
        shmFile = "/dev/kvmfr0";  
    };  
  
    win = {  
        fullScreen = true;  
        showFPS = false;  
        jitRender = true;  
    };  
  
    spice = {  
        enable = true;  
        audio = true;  
    };  
  
    input = {  
        rawMouse = true;  
        escapeKey = 62;  
    };  
}
```

Declared by:

[`<home-manager/modules/programs/looking-glass-client.nix>`](#)

[programs.lsd.enable](#)

Whether to enable lsd.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/lspd.nix>`](#)

[programs.lsd.enableAliases](#)

Whether to enable recommended lsd aliases.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/programs/lspd.nix>`](#)

[programs.lsd.colors](#)

Configuration written to `$XDG_CONFIG_HOME/lspd/colors.yaml`. See <https://github.com/lspd-lsd/lspd/tree/v1.0.0#color-theme-file-content> for supported colors.

If this option is non-empty then the `color.theme` option is automatically set to "custom".

Type: YAML value

Default: { }

Example:

```
{  
    size = {  
        large = "dark_yellow";  
        none = "grey";  
        small = "yellow";  
    };  
};
```

```
}
```

Declared by:

[`<home-manager/modules/programs/lsd.nix>`](#)

[`programs.lsd.settings`](#)

Configuration written to `$XDG_CONFIG_HOME/lsd/config.yaml`. See <https://github.com/Peltoche/lsd#config-file-content> for supported values.

Type: YAML value

Default: { }

Example:

```
{
  date = "relative";
  ignore-globs = [
    ".git"
    ".hg"
  ];
}
```

Declared by:

[`<home-manager/modules/programs/lsd.nix>`](#)

[`programs.man.enable`](#)

Whether to enable manual pages and the `man` command. This also includes “man” outputs of all `home.packages`.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/man.nix>`](#)

[`programs.man.package`](#)

The man package to use.

Type: package

Default: pkgs.man

Declared by:

[`<home-manager/modules/programs/man.nix>`](#)

[programs.man.generateCaches](#)

Whether to generate the manual page index caches using mandb(8). This allows searching for a page or keyword using utilities like apropos(1).

This feature is disabled by default because it slows down building. If you don't mind waiting a few more seconds when Home Manager builds a new generation, you may safely enable this option.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/programs/man.nix>`](#)

[programs.mangohud.enable](#)

Whether to enable Mangohud.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/mangohud.nix>`](#)

[programs.mangohud.enableSessionWide](#)

Sets environment variables so that MangoHud is started on any application that supports it.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/programs/mangohud.nix>`](#)

[programs.mangohud.package](#)

The Mangohud package to install.

Type: package

Default: pkgs.mangohud

Declared by:

[<home-manager/modules/programs/mangohud.nix>](#)

[programs.mangohud.settings](#)

Configuration written to \$XDG_CONFIG_HOME/MangoHud/MangoHud.conf. See <https://github.com/flightlessmango/MangoHud/blob/master/data/MangoHud.conf> for the default configuration.

Type: attribute set of (boolean or signed integer or floating point number or string or path or list of (signed integer or string))

Default: { }

Example:

```
{  
    output_folder = ~/Documents/mangohud/;  
    full = true;  
}
```

Declared by:

[<home-manager/modules/programs/mangohud.nix>](#)

[programs.mangohud.settingsPerApplication](#)

Sets MangoHud settings per application. Configuration written to \$XDG_CONFIG_HOME/MangoHud/{application_name}.conf. See <https://github.com/flightlessmango/MangoHud/blob/master/data/MangoHud.conf> for the default configuration.

Type: attribute set of attribute set of (boolean or signed integer or floating point number or string or path or list of (signed integer or string))

Default: { }

Example:

```
{  
  mpv = {  
    no_display = true;  
  }  
}
```

Declared by:

[<home-manager/modules/programs/mangohud.nix>](#)

programs.matplotlib.enable

Whether to enable matplotlib, a plotting library for python.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/matplotlib.nix>](#)

programs.matplotlib.config

Add terms to the `matplotlibrc` file to control the default matplotlib behavior.

Type: attribute set of anything

Default: { }

Example:

```
{  
    backend = "Qt5Agg";  
    axes = {  
        grid = true;  
        facecolor = "black";  
        edgecolor = "FF9900";  
    };  
    grid.color = "FF9900";  
}
```

Declared by:

[<home-manager/modules/programs/matplotlib.nix>](#)

programs.matplotlib.extraConfig

Additional commands for matplotlib that will be added to the `matplotlibrc` file.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[<home-manager/modules/programs/matplotlib.nix>](#)

programs.mbsync.enable

Whether to enable mbsync IMAP4 and Maildir mailbox synchronizer.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/mbsync.nix>](#)

programs.mbsync.package

The package to use for the mbsync binary.

Type: package

Default: pkgs.isync

Example: pkgs.isync

Declared by:

[<home-manager/modules/programs/mbsync.nix>](#)

programs.mbsync.extraConfig

Extra configuration lines to add to the mbsync configuration.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[<home-manager/modules/programs/mbsync.nix>](#)

programs.mbsync.groups

Definition of groups.

Type: attribute set of attribute set of list of string

Default: { }

Example:

```
{  
    inboxes = {  
        account1 = [ "Inbox" ];  
        account2 = [ "Inbox" ];  
    };  
}
```

Declared by:

[<home-manager/modules/programs/mbsync.nix>](#)

programs.mcfly.enable

Whether to enable mcfly.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/mcfly.nix>](#)

programs.mcfly.enableBashIntegration

Whether to enable Bash integration.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/mcfly.nix>](#)

programs.mcfly.enableFishIntegration

Whether to enable Fish integration.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/mcfly.nix>](#)

programs.mcfly.enableLightTheme

Whether to enable light mode theme.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/programs/mcfly.nix>](#)

programs.mcfly.enableZshIntegration

Whether to enable Zsh integration.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/mcfly.nix>`](#)[`programs.mcfly.fuzzySearchFactor`](#)

Whether to enable fuzzy searching. 0 is off; higher numbers weight toward shorter matches.
Values in the 2-5 range get good results so far.

Type: unsigned integer, meaning ≥ 0

Default: 0

Declared by:

[`<home-manager/modules/programs/mcfly.nix>`](#)[`programs.mcfly.fzf.enable`](#)

Whether to enable McFly fzf integration.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/mcfly.nix>`](#)[`programs.mcfly.keyScheme`](#)

Key scheme to use.

Type: one of “emacs”, “vim”

Default: "emacs"

Declared by:

[`<home-manager/modules/programs/mcfly.nix>`](#)[`programs.mercurial.enable`](#)

Whether to enable Mercurial.

Type: boolean

Default: false

Example: true

Declared by:

[home-manager/modules/programs/mercurial.nix](#)programs.mercurial.package

Mercurial package to install.

Type: package

Default: pkgs.mercurial

Declared by:

[home-manager/modules/programs/mercurial.nix](#)programs.mercurial.aliases

Mercurial aliases to define.

Type: attribute set of anything

Default: { }

Declared by:

[home-manager/modules/programs/mercurial.nix](#)programs.mercurial.extraConfig

Additional configuration to add.

Type: (attribute set of anything) or strings concatenated with “\n”

Default: { }

Declared by:

[home-manager/modules/programs/mercurial.nix](#)programs.mercurial.ignores

List of globs for files to be globally ignored.

Type: list of string

Default: []

Example:

```
[  
  "*~"
```

```
"*.swp"
```

```
]
```

Declared by:

[`<home-manager/modules/programs/mercurial.nix>`](#)

`programs.mercurial.ignoresRegexp`

List of regular expressions for files to be globally ignored.

Type: list of string

Default: []

Example:

```
[  
  "^.*~$"  
  "^.*\\\.swp$"  
]
```

Declared by:

[`<home-manager/modules/programs/mercurial.nix>`](#)

`programs.mercurial.userEmail`

Default user email to use.

Type: string

Declared by:

[`<home-manager/modules/programs/mercurial.nix>`](#)

`programs.mercurial.userName`

Default user name to use.

Type: string

Declared by:

[`<home-manager/modules/programs/mercurial.nix>`](#)

programs.micro.enable

Whether to enable micro, a terminal-based text editor.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/micro.nix>`](#)

programs.micro.settings

Configuration written to `$XDG_CONFIG_HOME/micro/settings.json`. See <https://github.com/zyedidia/micro/blob/master/runtime/help/options.md> for supported values.

Type: JSON value

Default: { }

Example:

```
{  
    autosu = false;  
    cursorline = false;  
}
```

Declared by:

[`<home-manager/modules/programs/micro.nix>`](#)

programs.mise.enable

Whether to enable mise.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/mise.nix>`](#)

[programs.mise.enableBashIntegration](#)

Whether to enable Bash Integration.

Type: boolean

Default: true

Example: true

Declared by:

[<home-manager/modules/programs/mise.nix>](#)

[programs.mise.enableFishIntegration](#)

Whether to enable Fish Integration.

Type: boolean

Default: true

Example: true

Declared by:

[<home-manager/modules/programs/mise.nix>](#)

[programs.mise.enableZshIntegration](#)

Whether to enable Zsh Integration.

Type: boolean

Default: true

Example: true

Declared by:

[<home-manager/modules/programs/mise.nix>](#)

[programs.mise.package](#)

The mise package to use.

Type: package

Default: pkgs.mise

Declared by:

[`<home-manager/modules/programs/mise.nix>`](#)[`programs.mise.globalConfig`](#)

Config written to `$XDG_CONFIG_HOME/mise/config.toml`.

See <https://mise.jdx.dev/configuration.html#global-config-config-mise-config-toml> for details on supported values.

Type: TOML value

Default: { }

Example:

```
tools = {
    node = "lts";
    python = ["3.10" "3.11"];
};

aliases = {
    my_custom_node = "20";
};
```

Declared by:

[`<home-manager/modules/programs/mise.nix>`](#)[`programs.mise.settings`](#)

Settings written to `$XDG_CONFIG_HOME/mise/settings.toml`.

See <https://mise.jdx.dev/configuration.html#settings-file-config-mise-settings-toml> for details on supported values.

Type: TOML value

Default: { }

Example:

```
verbose = false;
experimental = false;
```

```
  disable_tools = ["node"];
```

Declared by:

[`<home-manager/modules/programs/mise.nix>`](#)

[`programs.mpv.enable`](#)

Whether to enable mpv.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/mpv.nix>`](#)

[`programs.mpv.package`](#)

Package providing mpv.

Type: package

Default: <derivation mpv-with-scripts-0.36.0>

Example: pkgs.wrapMpv (pkgs.mpv-unwrapped.override { vapoursynthSupport = true; }) { youtubeSupport = true; }

Declared by:

[`<home-manager/modules/programs/mpv.nix>`](#)

[`programs.mpv.bindings`](#)

Input configuration written to \$XDG_CONFIG_HOME/mpv/input.conf. See mpv(1) for the full list of options.

Type: attribute set of string

Default: { }

Example:

```
{
```

```
WHEEL_UP = "seek 10";
WHEEL_DOWN = "seek -10";
"Alt+0" = "set window-scale 0.5";
}
```

Declared by:

[<home-manager/modules/programs/mpv.nix>](#)

[programs.mpv.config](#)

Configuration written to `$XDG_CONFIG_HOME/mpv/mpv.conf`. See `mpv(1)` for the full list of options.

Type: attribute set of (string or signed integer or boolean or floating point number or list of (string or signed integer or boolean or floating point number))

Default: { }

Example:

```
{
  profile = "gpu-hq";
  force-window = true;
  ytdl-format = "bestvideo+bestaudio";
  cache-default = 4000000;
}
```

Declared by:

[<home-manager/modules/programs/mpv.nix>](#)

[programs.mpv.defaultProfiles](#)

Profiles to be applied by default. Options set by them are overridden by options set in [programs.mpv.config](#).

Type: list of string

Default: []

Example:

```
[  
  "gpu-hq"  
]
```

Declared by:

[<home-manager/modules/programs/mpv.nix>](#)

[programs.mpv.profiles](#)

Sub-configuration options for specific profiles written to `$XDG_CONFIG_HOME/mpv/mpv.conf`. See `programs.mpv.config` for more information.

Type: attribute set of attribute set of (string or signed integer or boolean or floating point number or list of (string or signed integer or boolean or floating point number))

Default: { }

Example:

```
{  
  fast = {  
    vo = "vdpa";  
  };  
  "protocol.dvd" = {  
    profile-desc = "profile for dvd:// streams";  
    alang = "en";  
  };  
}
```

Declared by:

[<home-manager/modules/programs/mpv.nix>](#)

[programs.mpv.scriptOpts](#)

Script options added to `$XDG_CONFIG_HOME/mpv/script-opts/`. See `mpv(1)` for the full list of options of builtin scripts.

Type: attribute set of attribute set of (string or signed integer or boolean or floating point number or list of (string or signed integer or boolean or floating point number))

Default: { }

Example:

```
{  
  osc = {  
    scalewindowed = 2.0;  
    vidscale = false;  
    visibility = "always";  
  };  
}
```

Declared by:

[`<home-manager/modules/programs/mpv.nix>`](#)

[programs.mpv.scripts](#)

List of scripts to use with mpv.

Type: list of package

Default: []

Example: [pkgs.mpvScripts.mpris]

Declared by:

[`<home-manager/modules/programs/mpv.nix>`](#)

[programs.mr.enable](#)

Whether to enable mr, a tool to manage all your version control repositories.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/mr.nix>`](#)

[programs.mr.package](#)

The mr package to use.

Type: package

Default: pkgs.mr

Declared by:

[<home-manager/modules/programs/mr.nix>](#)

programs.mr.settings

Configuration written to \$HOME/.mrconfig See <https://myrepos.branchable.com/> for an example configuration.

Type: attribute set of attribute set of (INI atom (null, bool, int, float or string) or a non-empty list of them)

Default: { }

Example:

```
{  
  foo = {  
    checkout = "git clone git@github.com:joeyh/foo.git";  
    update = "git pull --rebase";  
  };  
  ".local/share/password-store" = {  
    checkout = "git clone git@github.com:myuser/password-store.git";  
  };  
}
```

Declared by:

[<home-manager/modules/programs/mr.nix>](#)

programs.msmtpt.enable

Whether to enable msmtpt.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/msmtp.nix>`](#)[`programs.msmtp.package`](#)

The msmtp package to use.

Type: package

Default: pkgs.msmtp

Declared by:

[`<home-manager/modules/programs/msmtp.nix>`](#)[`programs.msmtp.extraAccounts`](#)

Extra configuration lines to add to the end of `~/.msmtprc`. See <https://marlam.de/msmtp/msmtprc.txt> for examples.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[`<home-manager/modules/programs/msmtp.nix>`](#)[`programs.msmtp.extraConfig`](#)

Extra configuration lines to add to `~/.msmtprc`. See <https://marlam.de/msmtp/msmtprc.txt> for examples.

Note, if running msmtp fails with the error message “account default was already defined” then you probably have an account command here. Account commands should be placed in [`accounts.email.accounts.<name>.msmtp.extraConfig`](#).

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[`<home-manager/modules/programs/msmtp.nix>`](#)[`programs.mu.enable`](#)

Whether to enable mu, a maildir indexer and searcher.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/mu.nix>](#)

programs.mu.package

The mu package to use.

Type: package

Default: pkgs.mu

Declared by:

[<home-manager/modules/programs/mu.nix>](#)

programs.mujmap.enable

Whether to enable mujmap Gmail synchronization for notmuch.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/mujmap.nix>](#)

programs.mujmap.package

mujmap package to use.

Type: package

Default: "pkgs.mujmap"

Declared by:

[<home-manager/modules/programs/mujmap.nix>](#)

programs.navi.enable

Whether to enable Navi.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/navi.nix>`](#)

`programs.navi.enableBashIntegration`

Whether to enable Bash integration.

Type: boolean

Default: true

Example: true

Declared by:

[`<home-manager/modules/programs/navi.nix>`](#)

`programs.navi.enableFishIntegration`

Whether to enable Fish integration.

Type: boolean

Default: true

Example: true

Declared by:

[`<home-manager/modules/programs/navi.nix>`](#)

`programs.navi.enableZshIntegration`

Whether to enable Zsh integration.

Type: boolean

Default: true

Example: true

Declared by:

[`<home-manager/modules/programs/navi.nix>`](#)

`programs.navi.package`

The package to use for the navi binary.

Type: package

Default: pkgs.navi

Declared by:

[`<home-manager/modules/programs/navi.nix>`](#)

programs.navi.settings

Configuration written to `$XDG_CONFIG_HOME/navi/config.yaml` on Linux or `$HOME/Library/Application Support/navi/config.yaml` on Darwin. See https://github.com/denisidoro/navi/blob/master/docs/config_file.md for more information.

Type: YAML value

Default: { }

Example:

```
{  
  cheats = {  
    paths = [  
      "~/cheats/"  
    ];  
  };  
}
```

Declared by:

[`<home-manager/modules/programs/navi.nix>`](#)

programs.ncmpcpp.enable

Whether to enable ncmpcpp - an ncurses Music Player Daemon (MPD) client.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/ncmpcpp.nix>`](#)

[programs.ncmppackage](#)

Package providing the ncmpcpp command.

Type: package

Default: pkgs.ncmppackage

Example: pkgs.ncmppackage.override { visualizerSupport = true; }

Declared by:

[<home-manager/modules/programs/ncmpcpp.nix>](#)

[programs.ncmppackage.bindings](#)

List of keybindings.

Type: list of (submodule)

Default: []

Example:

```
[  
  { key = "j"; command = "scroll_down"; }  
  { key = "k"; command = "scroll_up"; }  
  { key = "J"; command = [ "select_item" "scroll_down" ]; }  
  { key = "K"; command = [ "select_item" "scroll_up" ]; }  
]
```

Declared by:

[<home-manager/modules/programs/ncmpcpp.nix>](#)

[programs.ncmppackage.bindings.*.command](#)

Command or sequence of commands to be executed.

Type: string or list of string

Example: "scroll_down"

Declared by:

[<home-manager/modules/programs/ncmpcpp.nix>](#)

[programs.ncmpcpp.bindings.*.key](#)

Key to bind.

Type: string

Example: "j"

Declared by:

[<home-manager/modules/programs/ncmpcpp.nix>](#)

[programs.ncmpcpp.mpdMusicDir](#)

Value of the mpd_music_dir setting. On Linux platforms the value of services.mpd.musicDirectory is used as the default if services.mpd.enable is true.

Type: null or (string or path convertible to it)

Default:

```
if pkgs.stdenv.hostPlatform.isLinux && config.services.mpd.enable then
  config.services.mpd.musicDirectory
else
  null
```

Example: "~/music"

Declared by:

[<home-manager/modules/programs/ncmpcpp.nix>](#)

[programs.ncmpcpp.settings](#)

Attribute set from name of a setting to its value. For available options see ncmpcpp(1).

Type: attribute set of (boolean or signed integer or string)

Default: { }

Example:

```
{  
    ncmpcpp_directory = "~/.local/share/ncmpcpp";  
}
```

Declared by:

[<home-manager/modules/programs/ncmpcpp.nix>](#)

programs.ncspot.enable

Whether to enable ncspot.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/ncspot.nix>](#)

programs.ncspot.package

The package to use for ncspot.

Type: package

Default: pkgs.ncspot

Declared by:

[<home-manager/modules/programs/ncspot.nix>](#)

programs.ncspot.settings

Configuration written to \$XDG_CONFIG_HOME/ncspot/config.toml.

See <https://github.com/hrkfdn/ncspot#configuration> for the full list of options.

Type: TOML value

Default: { }

Example:

```
{
```

```
shuffle = true;
gapless = true;
}
```

Declared by:

[<home-manager/modules/programs/ncspot.nix>](#)

programs.ne.enable

Whether to enable ne.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/ne.nix>](#)

programs.ne.automaticPreferences

Automatic preferences files for ne.

Type: attribute set of strings concatenated with “\n”

Default: { }

Example:

```
{
  nix = '';
    TAB 0
    TS 2
  '';
  js = '';
    TS 4
  '';
}
```

Declared by:

[`<home-manager/modules/programs/ne.nix>`](#)[`programs.ne.defaultPreferences`](#)

Default preferences for ne.

Equivalent to `programs.ne.automaticPreferences ".default"`.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[`<home-manager/modules/programs/ne.nix>`](#)[`programs.ne.keybindings`](#)

Keybinding file for ne.

Type: strings concatenated with “\n”

Default: “ ”

Example:

```
KEY 7f BS
SEQ "\x1b[1;5D" 7f
```

Declared by:

[`<home-manager/modules/programs/ne.nix>`](#)[`programs.ne.menus`](#)

Menu configuration file for ne.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[`<home-manager/modules/programs/ne.nix>`](#)[`programs.ne.virtualExtensions`](#)

Virtual extensions configuration file for ne.

Type: strings concatenated with “\n”

Default: “ ”

Example:

```
sh    1  ^#!\\s*/.*\\b(bash|sh|ksh|zsh)\\s*
csh   1  ^#!\\s*/.*\\b(csh|tcsh)\\s*
```

Declared by:

[<home-manager/modules/programs/ne.nix>](#)

programs.neomutt.enable

The neomutt mail client.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/neomutt.nix>](#)

programs.neomutt.package

The neomutt package to use.

Type: package

Default: pkgs.neomutt

Declared by:

[<home-manager/modules/programs/neomutt.nix>](#)

programs.neomutt.binds

List of keybindings.

Type: list of (submodule)

Default: []

Declared by:

[<home-manager/modules/programs/neomutt.nix>](#)

[programs.neomutt.binds.*.action](#)

Specify the action to take.

Type: string

Example: "<enter-command>toggle sidebar_visible<enter><refresh>"

Declared by:

[<home-manager/modules/programs/neomutt.nix>](#)

[programs.neomutt.binds.*.key](#)

The key to bind.

Type: string

Example: "<left>"

Declared by:

[<home-manager/modules/programs/neomutt.nix>](#)

[programs.neomutt.binds.*.map](#)

Select the menu to bind the command to.

Type: one of "alias", "attach", "browser", "compose", "editor", "generic", "index", "mix", "pager", "pgp", "postpone", "query", "smime" or list of (one of "alias", "attach", "browser", "compose", "editor", "generic", "index", "mix", "pager", "pgp", "postpone", "query", "smime")

Default: "index"

Declared by:

[<home-manager/modules/programs/neomutt.nix>](#)

[programs.neomutt.changeFolderWhenSourcingAccount](#)

Whether to enable changing the folder when sourcing an account.

Type: boolean

Default: true

Example: true

Declared by:

[<home-manager/modules/programs/neomutt.nix>](#)

programs.neomutt.checkStatsInterval

Enable and set the interval of automatic mail check.

Type: null or signed integer

Default: null

Example: 60

Declared by:

[<home-manager/modules/programs/neomutt.nix>](#)

programs.neomutt.editor

Select the editor used for writing mail.

Type: string

Default: "\$EDITOR"

Declared by:

[<home-manager/modules/programs/neomutt.nix>](#)

programs.neomutt.extraConfig

Extra configuration appended to the end.

Type: strings concatenated with "\n"

Default: ""

Declared by:

[<home-manager/modules/programs/neomutt.nix>](#)

programs.neomutt.macros

List of macros.

Type: list of (submodule)

Default: []

Declared by:

[`<home-manager/modules/programs/neomutt.nix>`](#)

`programs.neomutt.macros.*.action`

Specify the action to take.

Type: string

Example: "`<enter-command>toggle sidebar_visible<enter><refresh>`"

Declared by:

[`<home-manager/modules/programs/neomutt.nix>`](#)

`programs.neomutt.macros.*.key`

The key to bind.

Type: string

Example: "`<left>`"

Declared by:

[`<home-manager/modules/programs/neomutt.nix>`](#)

`programs.neomutt.macros.*.map`

Select the menu to bind the command to.

Type: one of "alias", "attach", "browser", "compose", "editor", "generic", "index", "mix", "pager", "pgp", "postpone", "query", "smime" or list of (one of "alias", "attach", "browser", "compose", "editor", "generic", "index", "mix", "pager", "pgp", "postpone", "query", "smime")

Default: "index"

Declared by:

[`<home-manager/modules/programs/neomutt.nix>`](#)

`programs.neomutt.settings`

Extra configuration appended to the end.

Type: attribute set of string

Default: { }

Declared by:

[home-manager/modules/programs/neomutt.nix](#)programs.neomutt.sidebar

Options related to the sidebar.

Type: submodule

Default: { }

Declared by:

[home-manager/modules/programs/neomutt.nix](#)programs.neomutt.sidebar.enable

Whether to enable sidebar support.

Type: boolean

Default: false

Example: true

Declared by:

[home-manager/modules/programs/neomutt.nix](#)programs.neomutt.sidebar.format

Sidebar format. Check neomutt documentation for details.

Type: string

Default: "%D%?F? [%F] ?%* %?N%N/?%S"

Declared by:

[home-manager/modules/programs/neomutt.nix](#)programs.neomutt.sidebar.shortPath

By default sidebar shows the full path of the mailbox, but with this enabled only the relative name is shown.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/neomutt.nix>`](#)[`programs.neomutt.sidebar.width`](#)

Width of the sidebar

Type: signed integer

Default: 22

Declared by:

[`<home-manager/modules/programs/neomutt.nix>`](#)[`programs.neomutt.sort`](#)

Sorting method on messages.

Type: one of "date", "date-received", "from", "mailbox-order", "score", "size", "spam", "subject", "threads", "to", "reverse-date", "reverse-date-received", "reverse-from", "reverse-mailbox-order", "reverse-score", "reverse-size", "reverse-spam", "reverse-subject", "reverse-threads", "reverse-to"

Default: "threads"

Declared by:

[`<home-manager/modules/programs/neomutt.nix>`](#)[`programs.neomutt.vimKeys`](#)

Enable vim-like bindings.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/programs/neomutt.nix>`](#)[`programs.neovim.enable`](#)

Whether to enable Neovim.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/neovim.nix>`](#)[`programs.neovim.package`](#)

The package to use for the neovim binary.

Type: package

Default: pkgs.neovim-unwrapped

Declared by:

[`<home-manager/modules/programs/neovim.nix>`](#)[`programs.neovim.coc.enable`](#)

Whether to enable Coc.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/neovim.nix>`](#)[`programs.neovim.coc.package`](#)

The package to use for the CoC plugin.

Type: package

Default: pkgs.vimPlugins.coc-nvim

Declared by:

[`<home-manager/modules/programs/neovim.nix>`](#)[`programs.neovim.coc.pluginConfig`](#)

Script to configure CoC. Must be viml.

Type: strings concatenated with “\n”

Default: ""

Declared by:

[`<home-manager/modules/programs/neovim.nix>`](#)

programs.neovim.coc.settings

Extra configuration lines to add to \$XDG_CONFIG_HOME/nvim/coc-settings.json See <https://github.com/neoclude/coc.nvim/wiki/Using-the-configuration-file> for options.

Type: JSON value

Default: { }

Example:

```
{  
    "suggest.noselect" = true;  
    "suggest.enablePreview" = true;  
    "suggest.enablePreselect" = false;  
    "suggest.disableKind" = true;  
    languageserver = {  
        haskell = {  
            command = "haskell-language-server-wrapper";  
            args = [ "--lsp" ];  
            rootPatterns = [  
                "*.cabal"  
                "stack.yaml"  
                "cabal.project"  
                "package.yaml"  
                "hie.yaml"  
            ];  
            filetypes = [ "haskell" "lhaskell" ];  
        };  
    };  
};
```

Declared by:

[<home-manager/modules/programs/neovim.nix>](#)

programs.neovim.defaultEditor

Whether to configure **nvim** as the default editor using the EDITOR environment variable.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/programs/neovim.nix>`](#)

[programs.neovim.extraConfig](#)

Custom vimrc lines.

Type: strings concatenated with “\n”

Default: “ ”

Example:

```
''''''  
    set nobackup  
''''''
```

Declared by:

[`<home-manager/modules/programs/neovim.nix>`](#)

[programs.neovim.extraLuaConfig](#)

Custom lua lines.

Type: strings concatenated with “\n”

Default: “ ”

Example:

```
''''''  
    vim.opt.nobackup = true  
''''''
```

Declared by:

[`<home-manager/modules/programs/neovim.nix>`](#)

[programs.neovim.extraLuaPackages](#)

The extra Lua packages required for your plugins to work. This option accepts a function that takes a Lua package set as an argument, and selects the required Lua packages from this

package set. See the example for more info.

Type: (function that evaluates to a(n) list of package) or (list of package) convertible to it

Default: `ps: []`

Example: `luaPkgs: with luaPkgs; [luautf8]`

Declared by:

[<home-manager/modules/programs/neovim.nix>](#)

programs.neovim.extraPackages

Extra packages available to nvim.

Type: list of package

Default: `[]`

Example: `[pkgs.shfmt]`

Declared by:

[<home-manager/modules/programs/neovim.nix>](#)

programs.neovim.extraPython3Packages

The extra Python 3 packages required for your plugins to work. This option accepts a function that takes a Python 3 package set as an argument, and selects the required Python 3 packages from this package set. See the example for more info.

Type: (function that evaluates to a(n) list of package) or (list of package) convertible to it

Default: `ps: []`

Example: `pyPkgs: with pyPkgs; [python-language-server]`

Declared by:

[<home-manager/modules/programs/neovim.nix>](#)

programs.neovim.finalPackage

Resulting customized neovim package.

Type: package (*read only*)

Declared by:

[<home-manager/modules/programs/neovim.nix>](#)

[programs.neovim.generatedConfigViml](#)

Generated vimscript config.

Type: strings concatenated with “\n” (*read only*)

Declared by:

[<home-manager/modules/programs/neovim.nix>](#)

[programs.neovim.generatedConfigs](#)

Generated configurations with as key their language (set via type).

Type: attribute set of strings concatenated with “\n” (*read only*)

Example:

```
{  
    viml = ''  
        " Generated by home-manager  
        map <leader> ,  
    '';  
  
    lua = ''  
        -- Generated by home-manager  
        vim.opt.background = "dark"  
    '';  
}
```

Declared by:

[<home-manager/modules/programs/neovim.nix>](#)

[programs.neovim.plugins](#)

List of vim plugins to install optionally associated with configuration to be placed in init.vim.

This option is mutually exclusive with `configure`.

Type: list of (package or (submodule))

Default: []

Example:

```
with pkgs.vimPlugins; [
    yankring
    vim-nix
    { plugin = vim-startify;
      config = "let g:startify_change_to_vcs_root = 0";
    }
]
```

Declared by:

[<home-manager/modules/programs/neovim.nix>](#)

programs.neovim.viAlias

Symlink **vi** to **nvim** binary.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/programs/neovim.nix>](#)

programs.neovim.vimAlias

Symlink **vim** to **nvim** binary.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/programs/neovim.nix>](#)

programs.neovim.vimdiffAlias

Alias **vimdiff** to **nvim -d**.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/programs/neovim.nix>](#)

programs.neovim.withNodeJs

Enable node provider. Set to true to use Node plugins.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/programs/neovim.nix>](#)

programs.neovim.withPython3

Enable Python 3 provider. Set to true to use Python 3 plugins.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/neovim.nix>](#)

programs.neovim.withRuby

Enable ruby provider.

Type: null or boolean

Default: true

Declared by:

[<home-manager/modules/programs/neovim.nix>](#)

programs.newsboat.enable

Whether to enable the Newsboat feed reader.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/newsboat.nix>](#)

programs.newsboat.autoReload

Whether to enable automatic reloading while newsboat is running.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/programs/newsboat.nix>](#)

programs.newsboat.browser

External browser to use.

Type: string

Default: "\\${pkgs.xdg-utils}/bin/xdg-open"

Declared by:

[<home-manager/modules/programs/newsboat.nix>](#)

programs.newsboat.extraConfig

Extra configuration values that will be appended to the end.

Type: strings concatenated with "\n"

Default: "

Declared by:

[<home-manager/modules/programs/newsboat.nix>](#)

programs.newsboat.maxItems

Maximum number of items per feed, 0 for infinite.

Type: signed integer

Default: 0

Declared by:

[<home-manager/modules/programs/newsboat.nix>](#)

programs.newsboat.queries

A list of queries to use.

Type: attribute set of string

Default: { }

Example:

```
{  
  foo = "rssurl =~ \"example.com\"";  
}
```

Declared by:

[<home-manager/modules/programs/newsboat.nix>](#)

programs.newsboat.reloadThreads

How many threads to use for updating the feeds.

Type: signed integer

Default: 5

Declared by:

[<home-manager/modules/programs/newsboat.nix>](#)

programs.newsboat.reloadTime

Time in minutes between reloads.

Type: null or signed integer

Default: 60

Declared by:

[<home-manager/modules/programs/newsboat.nix>](#)

programs.newsboat.urls

List of news feeds. Leave it empty if you want to manage feeds imperatively, for example, using Syncthing.

Type: list of (submodule)

Default: []

Example:

```
[  
 {  
   tags = [  
     "foo"  
     "bar"  
   ];  
   url = "http://example.com";  
 }  
]
```

Declared by:

[`<home-manager/modules/programs/newsboat.nix>`](#)

[`programs.newsboat.urls.*.tags`](#)

Feed tags.

Type: list of string

Default: []

Example:

```
[  
 "foo"  
 "bar"  
]
```

Declared by:

[`<home-manager/modules/programs/newsboat.nix>`](#)

[`programs.newsboat.urls.*.title`](#)

Feed title.

Type: null or string

Default: null

Example: "ORF News"

Declared by:

[`<home-manager/modules/programs/newsboat.nix>`](#)[`programs.newsboat.urls.*.url`](#)

Feed URL.

Type: string

Example: "http://example.com"

Declared by:

[`<home-manager/modules/programs/newsboat.nix>`](#)[`programs.nheko.enable`](#)

Whether to enable Qt desktop client for Matrix.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/nheko.nix>`](#)[`programs.nheko.package`](#)

The nheko package to use.

Type: package

Default: pkgs.nheko

Declared by:

[`<home-manager/modules/programs/nheko.nix>`](#)[`programs.nheko.settings`](#)

Attribute set of Nheko preferences (converted to an INI file).

For now, it is recommended to run nheko and sign-in before filling in the configuration settings in this module, as nheko writes the access token to `$XDG_CONFIG_HOME/nheko/nheko.conf` the first time we sign in, and we need that data into these settings for the correct functionality of the application.

This a temporary inconvenience, however, as nheko has plans to move the authentication stuff into the local database they currently use. Once this happens, this will no longer be an issue.

Type: attribute set of attribute set of (INI atom (null, bool, int, float or string))

Default: { }

Example:

```
{  
    general.disableCertificateValidation = false;  
    auth = {  
        accessToken = "SECRET";  
        deviceId = "MY_DEVICE";  
        homeServer = "https://matrix-client.matrix.org:443";  
        userId = "@@user:matrix.org";  
    };  
    settings.scaleFactor = 1.0;  
    sidebar.width = 416;  
    user = {  
        alertOnNotification = true;  
        animateImagesOnHover = false;  
        "sidebar\\roomListWidth" = 308;  
    };  
}
```

Declared by:

[<home-manager/modules/programs/nheko.nix>](#)

programs.nix-index.enable

Whether to enable nix-index, a file database for nixpkgs.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/nix-index.nix>](#)

programs.nix-index.enableBashIntegration

Whether to enable Bash integration.

Type: boolean

Default: true

Example: true

Declared by:

[<home-manager/modules/programs/nix-index.nix>](#)

programs.nix-index.enableFishIntegration

Whether to enable Fish integration.

Type: boolean

Default: true

Example: true

Declared by:

[<home-manager/modules/programs/nix-index.nix>](#)

programs.nix-index.enableZshIntegration

Whether to enable Zsh integration.

Type: boolean

Default: true

Example: true

Declared by:

[<home-manager/modules/programs/nix-index.nix>](#)

programs.nix-index.package

Package providing the **nix-index** tool.

Type: package

Default: pkgs.nix-index

Declared by:

[<home-manager/modules/programs/nix-index.nix>](#)

programs.nnn.enable

Whether to enable nnn.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/nnn.nix>`](#)

programs.nnn.package

Package containing the **nnn** program.

Type: package

Default: pkgs.nnn

Example: pkgs.nnn.override ({ withNerdIcons = true; });

Declared by:

[`<home-manager/modules/programs/nnn.nix>`](#)

programs.nnn.bookmarks

Directory bookmarks.

Type: attribute set of string

Default: { }

Example:

```
{  
  d = "~/Documents";  
  D = "~/Downloads";  
  p = "~/Pictures";  
  v = "~/Videos";  
};
```

Declared by:

[`<home-manager/modules/programs/nnn.nix>`](#)

programs.nnn.extraPackages

Extra packages available to nnn.

Type: list of package

Default: []

Example: with pkgs; [ffmpegthumbnailer mediainfo sxiv]

Declared by:

[<home-manager/modules/programs/nnn.nix>](#)

programs.nnn.plugins

Manage nnn plugins.

Type: submodule

Default: { }

Declared by:

[<home-manager/modules/programs/nnn.nix>](#)

programs.nnn.plugins.mappings

Key mappings to the plugins.

Type: attribute set of string

Default: { }

Example:

```
{  
  c = "fzcd";  
  f = "finder";  
  v = "imgview";  
};
```

Declared by:

[<home-manager/modules/programs/nnn.nix>](#)

programs.nnn.plugins.src

Path to the plugin folder.

Type: null or path

Default: null

Example:

```
(pkgs.fetchFromGitHub {  
    owner = "jarun";  
    repo = "nnn";  
    rev = "v4.0";  
    sha256 = "sha256-Hpc8YaJeAzJoEi7aJ6DntH2VLkoR6ToP6tPYn3llR7k=";  
}) + "/plugins";
```

Declared by:

[<home-manager/modules/programs/nnn.nix>](#)

programs.noti.enable

Whether to enable Noti.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/noti.nix>](#)

programs.noti.settings

Configuration written to \$XDG_CONFIG_HOME/noti/noti.yaml.

See noti.yaml(5). for the full list of options.

Type: attribute set of attribute set of string

Default: { }

Example:

```
{  
  say = {  
    voice = "Alex";  
  };  
  slack = {  
    token = "1234567890abcdefg";  
    channel = "@jaime";  
  };  
}
```

Declared by:

[<home-manager/modules/programs/noti.nix>](#)

programs.notmuch.enable

Whether to enable Notmuch mail indexer.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/notmuch.nix>](#)

programs.notmuch.extraConfig

Options that should be appended to the notmuch configuration file.

Type: attribute set of attribute set of string

Default: { }

Declared by:

[<home-manager/modules/programs/notmuch.nix>](#)

programs.notmuch.hooks.postInsert

Bash statements run after a message has been inserted into the database and initial tags have been applied.

Type: strings concatenated with “\n”

Default: ""

Declared by:

[<home-manager/modules/programs/notmuch.nix>](#)

[programs.notmuch.hooks.postNew](#)

Bash statements run after new messages have been imported into the database and initial tags have been applied.

Type: strings concatenated with "\n"

Default: ""

Example:

```
;;
notmuch tag +nixos -- tag:new and from:nixos1@discoursemail.com
;;
```

Declared by:

[<home-manager/modules/programs/notmuch.nix>](#)

[programs.notmuch.hooks.preNew](#)

Bash statements run before scanning or importing new messages into the database.

Type: strings concatenated with "\n"

Default: ""

Example: "mbsync --all"

Declared by:

[<home-manager/modules/programs/notmuch.nix>](#)

[programs.notmuch.maildir.synchronizeFlags](#)

Whether to synchronize Maildir flags.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/notmuch.nix>`](#)[`programs.notmuch.new`](#)

Options related to email processing performed by **notmuch new**.

Type: submodule

Default: { }

Declared by:

[`<home-manager/modules/programs/notmuch.nix>`](#)[`programs.notmuch.new.ignore`](#)

A list to specify files and directories that will not be searched for messages by **notmuch new**.

Type: list of string

Default: []

Declared by:

[`<home-manager/modules/programs/notmuch.nix>`](#)[`programs.notmuch.new.tags`](#)

A list of tags that will be added to all messages incorporated by **notmuch new**.

Type: list of string

Default:

```
[  
  "unread"  
  "inbox"  
]
```

Example:

```
[  
  "new"  
]
```

Declared by:

[<home-manager/modules/programs/notmuch.nix>](#)

[programs.notmuch.search.excludeTags](#)

A list of tags that will be excluded from search results by default. Using an excluded tag in a query will override that exclusion.

Type: list of string

Default:

```
[  
  "deleted"  
  "spam"  
]
```

Example:

```
[  
  "trash"  
  "spam"  
]
```

Declared by:

[<home-manager/modules/programs/notmuch.nix>](#)

[programs.nushell.enable](#)

Whether to enable nushell.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/nushell.nix>](#)

[programs.nushell.package](#)

The package to use for nushell.

Type: package

Default: pkgs.nushell

Declared by:

[<home-manager/modules/programs/nushell.nix>](#)

[programs.nushell.configFile](#)

The configuration file to be used for nushell.

See <https://www.nushell.sh/book/configuration.html#configuration> for more information.

Type: null or (submodule)

Default: null

Example:

```
{ text = ''  
  let $config = {  
    filesize_metric: false  
    table_mode: rounded  
    use_ls_colors: true  
  }  
  '';  
}
```

Declared by:

[<home-manager/modules/programs/nushell.nix>](#)

[programs.nushell.configFile.source](#)

Path of the nushell config.nu file to use. If the text option is set, it will be preferred.

Type: null or path

Default: null

Declared by:

[<home-manager/modules/programs/nushell.nix>](#)

programs.nushell.configFile.text

Text of the nushell config.nu file. If unset then the source option will be preferred.

Type: strings concatenated with “\n”

Default: if source is defined, the content of source, otherwise empty

Declared by:

[<home-manager/modules/programs/nushell.nix>](#)

programs.nushell.envFile

The environment variables file to be used for nushell.

See <https://www.nushell.sh/book/configuration.html#configuration> for more information.

Type: null or (submodule)

Default: null

Example:

```
''  
$env.FOO = 'BAR'  
'''
```

Declared by:

[<home-manager/modules/programs/nushell.nix>](#)

programs.nushell.envFile.source

Path of the nushell env.nu file to use. If the text option is set, it will be preferred.

Type: null or path

Default: null

Declared by:

[<home-manager/modules/programs/nushell.nix>](#)

programs.nushell.envFile.text

Text of the nushell env.nu file. If unset then the source option will be preferred.

Type: strings concatenated with “\n”

Default: if source is defined, the content of source, otherwise empty

Declared by:

[<home-manager/modules/programs/nushell.nix>](#)

programs.nushell.environmentVariables

An attribute set that maps an environment variable to a shell interpreted string.

Type: attribute set of string

Default: { }

Example:

```
{  
  FOO = "BAR";  
}
```

Declared by:

[<home-manager/modules/programs/nushell.nix>](#)

programs.nushell.extraConfig

Additional configuration to add to the nushell configuration file.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[<home-manager/modules/programs/nushell.nix>](#)

programs.nushell.extraEnv

Additional configuration to add to the nushell environment variables file.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

<home-manager/modules/programs/nushell.nix>programs.nushell.extraLogin

Additional configuration to add to the nushell login file.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

<home-manager/modules/programs/nushell.nix>programs.nushell.loginFile

The login file to be used for nushell upon logging in.

See <https://www.nushell.sh/book/configuration.html#configuring-nu-as-a-login-shell> for more information.

Type: null or (submodule)

Default: null

Example:

```
..  
..  
# Prints "Hello, World" upon logging into tty1  
if (tty) == "/dev/tty1" {  
    echo "Hello, World"  
}  
..
```

Declared by:

<home-manager/modules/programs/nushell.nix>programs.nushell.loginFile.source

Path of the nushell login.nu file to use. If the text option is set, it will be preferred.

Type: null or path

Default: null

Declared by:

[<home-manager/modules/programs/nushell.nix>](#)[programs.nushell.loginFile.text](#)

Text of the nushell login.nu file. If unset then the source option will be preferred.

Type: strings concatenated with “\n”

Default: if source is defined, the content of source, otherwise empty

Declared by:

[<home-manager/modules/programs/nushell.nix>](#)[programs.nushell.shellAliases](#)

An attribute set that maps aliases (the top level attribute names in this option) to command strings or directly to build outputs.

Type: attribute set of string

Default: { }

Example:

```
{  
  ll = "ls -l";  
}
```

Declared by:

[<home-manager/modules/programs/nushell.nix>](#)[programs.obs-studio.enable](#)

Whether to enable obs-studio.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/obs-studio.nix>](#)[programs.obs-studio.package](#)

OBS Studio package to install.

Type: package

Default: pkgs.obs-studio

Declared by:

[<home-manager/modules/programs/obs-studio.nix>](#)

programs.obs-studio.plugins

Optional OBS plugins.

Type: list of package

Default: []

Example: [pkgs.obs-studio-plugins.wlrobs]

Declared by:

[<home-manager/modules/programs/obs-studio.nix>](#)

programs.octant.enable

Whether to enable octant.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/octant.nix>](#)

programs.octant.package

The Octant package to use.

Type: package

Default: pkgs.octant

Example: pkgs.octant-other

Declared by:

[<home-manager/modules/programs/octant.nix>](#)

programs.octant.plugins

Optional Octant plugins.

Type: list of package

Default: []

Example: [pkgs.starboard-octant-plugin]

Declared by:

[<home-manager/modules/programs/octant.nix>](#)

programs.offlineimap.enable

Whether to enable OfflineIMAP.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/offlineimap.nix>](#)

programs.offlineimap.package

The offlineimap package to use. Can be used to specify extensions.

Type: package

Default: pkgs.offlineimap

Example:

```
pkgs.offlineimap.overridePythonAttrs ( old: {  
    propagatedBuildInputs = old.propagatedBuildInputs  
    ++ (with pkgs.python3Packages; [  
        requests_oauthlib xdg gpgme]);  
})
```

Declared by:

[<home-manager/modules/programs/offlineimap.nix>](#)

[programs.offlineimap.extraConfig.default](#)

Extra configuration options added to the DEFAULT section.

Type: attribute set of (string or signed integer or boolean)

Default: { }

Example:

```
{  
  gmailtrashfolder = "[Gmail]/Papierkorb";  
}
```

Declared by:

[<home-manager/modules/programs/offlineimap.nix>](#)

[programs.offlineimap.extraConfig.general](#)

Extra configuration options added to the general section.

Type: attribute set of (string or signed integer or boolean)

Default: { }

Example:

```
{  
  maxage = 30;  
  ui = "bl blinkenlights";  
}
```

Declared by:

[<home-manager/modules/programs/offlineimap.nix>](#)

[programs.offlineimap.extraConfig.mbnames](#)

Extra configuration options added to the mbnames section.

Type: attribute set of (string or signed integer or boolean)

Default: { }

Example:

```
{  
    filename = "~/.config/mutt/mailboxes";  
    header = "'mailboxes '";  
    peritem = "'+'%(accountname)s/%(foldername)s'";  
    sep = "' '";  
    footer = "'\\n'";  
}
```

Declared by:

[<home-manager/modules/programs/offlineimap.nix>](#)

[programs.offlineimap.pythonFile](#)

Python code that can then be used in other parts of the configuration.

Type: strings concatenated with “\n”

Default:

```
..  
import subprocess  
  
def get_pass(service, cmd):  
    return subprocess.check_output(cmd, )  
..
```

Declared by:

[<home-manager/modules/programs/offlineimap.nix>](#)

[programs.oh-my-posh.enable](#)

Whether to enable oh-my-posh, a prompt theme engine for any shell.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/oh-my-posh.nix>`](#)

[`programs.oh-my-posh.enableBashIntegration`](#)

Whether to enable Bash integration.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/oh-my-posh.nix>`](#)

[`programs.oh-my-posh.enableFishIntegration`](#)

Whether to enable Fish integration.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/oh-my-posh.nix>`](#)

[`programs.oh-my-posh.enableNushellIntegration`](#)

Whether to enable Nushell integration.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/oh-my-posh.nix>`](#)

[`programs.oh-my-posh.enableZshIntegration`](#)

Whether to enable Zsh integration.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/oh-my-posh.nix>`](#)

programs.oh-my-posh.package

The oh-my-posh package to use.

Type: package

Default: pkgs.oh-my-posh

Declared by:

[<home-manager/modules/programs/oh-my-posh.nix>](#)

programs.oh-my-posh.settings

Configuration written to \$XDG_CONFIG_HOME/oh-my-posh/config.json. See <https://ohmyposh.dev/docs/configuration/overview> for details. The useTheme option is ignored when this option is used.

Type: JSON value

Default: { }

Example: builtins.fromJSON (builtins.unsafeDiscardStringContext
(builtins.readFile "\${pkgs.oh-my-posh}/share/oh-my-posh/themes/space.omp.json"))

Declared by:

[<home-manager/modules/programs/oh-my-posh.nix>](#)

programs.oh-my-posh.useTheme

Use one of the official themes. This should be a name from this list: <https://ohmyposh.dev/docs/themes>. Because a theme is essentially a configuration file, this option is not used when a configFile is set.

Type: null or string

Default: null

Declared by:

[<home-manager/modules/programs/oh-my-posh.nix>](#)

programs.opam.enable

Whether to enable Opam.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/opam.nix>](#)

programs.opam.enableBashIntegration

Whether to enable Bash integration.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/opam.nix>](#)

programs.opam.enableFishIntegration

Whether to enable Fish integration.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/opam.nix>](#)

programs.opam.enableZshIntegration

Whether to enable Zsh integration.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/opam.nix>](#)

programs.opam.package

Opam package to install.

Type: package

Default: pkgs.opam

Declared by:

[home-manager/modules/programs/opam.nix](#)[programs.openstackclient.enable](#)

Whether to enable OpenStack command-line client.

Type: boolean

Default: false

Example: true

Declared by:

[home-manager/modules/programs/openstackclient.nix](#)[programs.openstackclient.package](#)

The openstackclient package to use.

Type: package

Default: pkgs.openstackclient

Declared by:

[home-manager/modules/programs/openstackclient.nix](#)[programs.openstackclient.clouds](#)

Configuration needed to connect to one or more clouds.

Do not include passwords here as they will be publicly readable in the Nix store. Configuration written to \$XDG_CONFIG_HOME/openstack/clouds.yaml. See <https://docs.openstack.org/python-openstackclient/latest/configuration/index.html#clouds-yaml>.

Type: YAML value

Default: { }

Example:

```
{  
    my-infra = {  
        cloud = "example-cloud";  
        auth = {  
            project_id = "0123456789abcdef0123456789abcdef";  
            username = "openstack";  
        };  
    };
```

```
    region_name = "XXX";
    interface = "internal";
};

}
```

Declared by:

[`<home-manager/modules/programs/openstackclient.nix>`](#)

[`programs.openstackclient.publicClouds`](#)

Public information about clouds.

Configuration written to `$XDG_CONFIG_HOME/openstack/clouds-public.yaml`. See <https://docs.openstack.org/python-openstackclient/latest/configuration/index.html#clouds-public-yaml>.

Type: YAML value

Default: `{ }`

Example:

```
{
  example-cloud = {
    auth = {
      auth_url = "https://identity.cloud.example.com/v2.0";
    };
  };
};
```

Declared by:

[`<home-manager/modules/programs/openstackclient.nix>`](#)

[`programs.pandoc.enable`](#)

Whether to enable pandoc.

Type: boolean

Default: `false`

Example: true

Declared by:

[<home-manager/modules/programs/pandoc.nix>](#)

programs.pandoc.package

The pandoc package to use.

Type: package

Default: pkgs.pandoc

Declared by:

[<home-manager/modules/programs/pandoc.nix>](#)

programs.pandoc.citationStyles

List of .csl files to install.

Type: list of path

Default: []

Example: [path/to/file.csl]

Declared by:

[<home-manager/modules/programs/pandoc.nix>](#)

programs.pandoc.defaults

Options to set by default. These will be converted to JSON and written to a defaults file (see Default files in pandoc documentation).

Type: JSON value

Default: { }

Example:

```
{  
  metadata = {  
    author = "John Doe";  
  };  
  pdf-engine = "xelatex";  
  citeproc = true;
```

```
}
```

Declared by:

[`<home-manager/modules/programs/pandoc.nix>`](#)

[`programs.pandoc.defaultsFile`](#)

Resulting defaults file.

Type: path (*read only*)

Declared by:

[`<home-manager/modules/programs/pandoc.nix>`](#)

[`programs.pandoc.finalPackage`](#)

Resulting package.

Type: package (*read only*)

Declared by:

[`<home-manager/modules/programs/pandoc.nix>`](#)

[`programs.pandoc.templates`](#)

Custom templates.

Type: attribute set of path

Default: { }

Example:

```
{
  "default.latex" = path/to/your/template;
}
```

Declared by:

[`<home-manager/modules/programs/pandoc.nix>`](#)

[programs.papis.enable](#)

Whether to enable papis.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/papis.nix>](#)

[programs.papis.libraries](#)

Attribute set of papis libraries.

Type: attribute set of (submodule)

Declared by:

[<home-manager/modules/programs/papis.nix>](#)

[programs.papis.libraries.<name>.isDefault](#)

Whether this is a default library. There must be exactly one default library.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/papis.nix>](#)

[programs.papis.libraries.<name>.name](#)

This library's name.

Type: string (*read only*)

Default: "<name>"

Declared by:

[<home-manager/modules/programs/papis.nix>](#)

[programs.papis.libraries.<name>.settings](#)

Configuration for this library.

Type: attribute set of (boolean or signed integer or string)

Default: { }

Example:

```
{  
  dir = "~/papers/";  
}
```

Declared by:

[<home-manager/modules/programs/papis.nix>](#)

programs.papis.settings

Configuration written to \$XDG_CONFIG_HOME/papis/config. See <https://papis.readthedocs.io/en/latest/configuration.html> for supported values.

Type: attribute set of (boolean or signed integer or string)

Default: { }

Example:

```
{  
  editor = "nvim";  
  file-browser = "ranger"  
  add-edit = true;  
}
```

Declared by:

[<home-manager/modules/programs/papis.nix>](#)

programs.password-store.enable

Whether to enable Password store.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/password-store.nix>](#)

programs.password-store.package

The pass package to use. Can be used to specify extensions.

Type: package

Default: pkgs.pass

Example:

```
pkgs.pass.withExtensions (exts: [ exts.pass-otp ])
```

Declared by:

[<home-manager/modules/programs/password-store.nix>](#)

programs.password-store.settings

The pass environment variables dictionary.

See the “Environment variables” section of `pass(1)` and the extension man pages for more information about the available keys.

Type: attribute set of string

Default:

```
{ PASSWORD_STORE_DIR = "$XDG_DATA_HOME/password-store"; }
```

Example:

```
{
  PASSWORD_STORE_DIR = "/some/directory";
```

```
PASSWORD_STORE_KEY = "12345678";
PASSWORD_STORE_CLIP_TIME = "60";
}
```

Declared by:

[`<home-manager/modules/programs/password-store.nix>`](#)

[programs.pazi.enable](#)

Whether to enable pazi.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/pazi.nix>`](#)

[programs.pazi.enableBashIntegration](#)

Whether to enable Bash integration.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/pazi.nix>`](#)

[programs.pazi.enableFishIntegration](#)

Whether to enable Fish integration.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/pazi.nix>`](#)

[programs.pazi.enableZshIntegration](#)

Whether to enable Zsh integration.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/pazi.nix>`](#)

[programs.pet.enable](#)

Whether to enable pet.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/pet.nix>`](#)

[programs.pet.selectcmdPackage](#)

The package needed for the `settings.selectcmd`.

Type: package

Default: pkgs.fzf

Declared by:

[`<home-manager/modules/programs/pet.nix>`](#)

[programs.pet.settings](#)

Settings written to `config.toml`. See the pet documentation for details.

Type: TOML value

Default: { }

Declared by:

[`<home-manager/modules/programs/pet.nix>`](#)

[programs.pet.snippets](#)

The snippets.

Type: list of (submodule)

Default: []

Declared by:

[<home-manager/modules/programs/pet.nix>](#)

[programs.pet.snippets.*.command](#)

The command.

Type: string

Default: ""

Example: "git rev-list --count HEAD"

Declared by:

[<home-manager/modules/programs/pet.nix>](#)

[programs.pet.snippets.*.description](#)

Description of the snippet.

Type: string

Default: ""

Example: "Count the number of commits in the current branch"

Declared by:

[<home-manager/modules/programs/pet.nix>](#)

[programs.pet.snippets.*.output](#)

Example output of the command.

Type: string

Default: ""

Example: "473"

Declared by:

[<home-manager/modules/programs/pet.nix>](#)

[programs.pet.snippets.*.tag](#)

List of tags attached to the command.

Type: list of string

Default: []

Example: ["git" "nixpkgs"]

Declared by:

[<home-manager/modules/programs/pet.nix>](#)

programs.pidgin.enable

Whether to enable Pidgin messaging client.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/pidgin.nix>](#)

programs.pidgin.package

The Pidgin package to use.

Type: package

Default: pkgs.pidgin

Declared by:

[<home-manager/modules/programs/pidgin.nix>](#)

programs.pidgin.plugins

Plugins that should be available to Pidgin.

Type: unspecified value

Default: []

Example: [pkgs.pidgin-otr pkgs.pidgin-osd]

Declared by:

[<home-manager/modules/programs/pidgin.nix>](#)

programs.pistol.enable

Whether to enable file previewer for terminal file managers.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/pistol.nix>](#)

programs.pistol.associations

Associations written to the Pistol configuration at \$XDG_CONFIG_HOME/pistol/pistol.conf.

Type: list of (submodule)

Default: []

Example:

```
[  
 { mime = "application/json"; command = "bat %pistol-filename%"; }  
 { mime = "application/*"; command = "hexyl %pistol-filename%"; }  
 { fpath = ".*.md$"; command = "sh: bat --paging=never --color=always %pistol-fil  
 ]
```

Declared by:

[<home-manager/modules/programs/pistol.nix>](#)

programs.pistol.associations.*.command

Preview command for files matched by this association.

Type: string

Declared by:

[<home-manager/modules/programs/pistol.nix>](#)

programs.pistol.associations.*.fpath

File path regex that this association should match.

Type: string

Default: ""

Declared by:

[<home-manager/modules/programs/pistol.nix>](#)

programs.pistol.associations.*.mime

Mime type regex that this association should match.

Type: string

Default: ""

Declared by:

[<home-manager/modules/programs/pistol.nix>](#)

programs.piston-cli.enable

Whether to enable piston-cli, code runner.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/piston-cli.nix>](#)

programs.piston-cli.package

The piston-cli package to use.

Type: package

Default: pkgs.piston-cli

Declared by:

[<home-manager/modules/programs/piston-cli.nix>](#)

programs.piston-cli.settings

Configuration written to \$XDG_CONFIG_HOME/piston-cli/config.yml.

Type: YAML value

Default: { }

Example:

```
{  
    theme = "emacs";  
    box_style = "MINIMAL_DOUBLE_HEAD";  
    prompt_continuation = "...";  
    prompt_start = ">>>";  
}
```

Declared by:

[`<home-manager/modules/programs/piston-cli.nix>`](#)

[programs.pls.enable](#)

Whether to enable pls, a modern replacement for `ls`.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/pls.nix>`](#)

[programs.pls.enableAliases](#)

Whether to enable recommended pls aliases.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/pls.nix>`](#)

[programs.pls.package](#)

The pls package to use.

Type: package

Default: pkgs.pls

Declared by:

[<home-manager/modules/programs/pls.nix>](#)

[programs.powerline-go.enable](#)

Whether to enable Powerline-go, a beautiful and useful low-latency prompt for your shell.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/powerline-go.nix>](#)

[programs.powerline-go.extraUpdatePS1](#)

Shell code to execute after the prompt is set.

Type: string

Default: ""

Example:

```
..  
PS1=$PS1"NixOS> ";  
..
```

Declared by:

[<home-manager/modules/programs/powerline-go.nix>](#)

[programs.powerline-go.modules](#)

List of module names to load. The list of all available modules as well as the choice of default ones are at <https://github.com/justjanne/powerline-go>.

Type: null or (list of string)

Default: null

Example:

```
[  
  "host"  
  "ssh"  
  "cwd"  
  "gitlite"  
  "jobs"  
  "exit"  
]
```

Declared by:

[<home-manager/modules/programs/powerline-go.nix>](#)

programs.powerline-go.modulesRight

List of module names to load to be displayed on the right side. Currently not supported by bash. Specifying a value for this option will force powerline-go to use the eval format to set the prompt.

Type: null or (list of string)

Default: null

Example:

```
[  
  "host"  
  "venv"  
  "git"  
]
```

Declared by:

[<home-manager/modules/programs/powerline-go.nix>](#)

programs.powerline-go.newline

Set to true if the prompt should be on a line of its own.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/powerline-go.nix>](#)

programs.powerline-go.pathAliases

Pairs of full-path and corresponding desired short name. You may use '~' to represent your home directory but you should protect it to avoid shell substitution.

Type: null or (attribute set of string)

Default: null

Example:

```
{ "\\\~/projects/home-manager" = "prj:home-manager"; }
```

Declared by:

[<home-manager/modules/programs/powerline-go.nix>](#)

programs.powerline-go.settings

This can be any key/value pair as described in <https://github.com/justjanne/powerline-go>.

Type: attribute set of (boolean or signed integer or string or list of string)

Default: { }

Example:

```
{
  hostname-only-if-ssh = true;
  numeric-exit-codes = true;
  cwd-max-depth = 7;
  ignore-repos = [ "/home/me/big-project" "/home/me/huge-project" ];
}
```

Declared by:

[<home-manager/modules/programs/powerline-go.nix>](#)

programs.pqiv.enable

Whether to enable pqiv image viewer.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/pqiv.nix>](#)

programs.pqiv.package

The pqiv package to install.

Type: package

Default: pkgs.pqiv

Declared by:

[<home-manager/modules/programs/pqiv.nix>](#)

programs.pqiv.settings

Configuration written to <filename>\$XDG_CONFIG_HOME/pqivrc</filename>. See [link](https://github.com/phillipberndt/pqiv/blob/master/pqiv.1) [xlink:href="https://github.com/phillipberndt/pqiv/blob/master/pqiv.1"/>](https://github.com/phillipberndt/pqiv/blob/master/pqiv.1) for a list of available options. To set a boolean flag, set the value to 1.

Type: attribute set of attribute set of (INI atom (null, bool, int, float or string))

Default: { }

Example:

```
{  
    options = {  
        lazy-load = 1;  
        hide-info-box = 1;  
        background-pattern = "black";  
        thumbnail-size = "256x256";  
        command-1 = "thunar";  
    };  
};
```

Declared by:

[`<home-manager/modules/programs/pqiv.nix>`](#)

`programs.pubs.enable`

Whether to enable pubs.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/pubs.nix>`](#)

`programs.pubs.package`

The package to use for the pubs script.

Type: package

Default: pkgs.pubs

Declared by:

[`<home-manager/modules/programs/pubs.nix>`](#)

`programs.pubs.extraConfig`

Configuration using syntax written to \$HOME/.pubsrc.

Type: strings concatenated with “\n”

Default: “ ”

Example:

```
'''

[main]
pubsdir = ${config.home.homeDirectory}/.pubs
docsdir = ${config.home.homeDirectory}/.pubs/doc
doc_add = link
open_cmd = xdg-open

[plugins]
active = git,alias

[[alias]]

[[[la]]]
command = list -a
description = lists papers in lexicographic order

[[git]]
quiet = True
manual = False
force_color = False
'''
```

Declared by:

[<home-manager/modules/programs/pubs.nix>](#)

programs.pyenv.enable

Whether to enable pyenv.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/pyenv.nix>](#)

programs.pyenv.enableBashIntegration

Whether to enable pyenv's Bash integration.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/pyenv.nix>](#)

programs.pyenv.enableFishIntegration

Whether to enable pyenv's Fish integration.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/pyenv.nix>](#)

programs.pyenv.enableZshIntegration

Whether to enable pyenv's Zsh integration.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/pyenv.nix>](#)

programs.pyenv.package

The package to use for pyenv.

Type: package

Default: pkgs.pyenv

Declared by:

[<home-manager/modules/programs/pyenv.nix>](#)

programs.pyenv.rootDirectory

The pyenv root directory (PYENV_ROOT).

This deviates from upstream, which uses \$HOME/.pyenv. The default path in Home Manager is set according to the XDG base directory specification.

Type: path

Default: "\\${config.xdg.dataHome}/pyenv"

Declared by:

[<home-manager/modules/programs/pyenv.nix>](#)

programs pylint.enable

Whether to enable the pylint Python linter.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/pylint.nix>](#)

programs pylint.package

The pylint package to use.

Type: package

Default: pkgs.python3Packages pylint

Declared by:

[<home-manager/modules/programs/pylint.nix>](#)

programs pylint.settings

The pylint configuration.

Type: attribute set of attribute set of (INI atom (null, bool, int, float or string) or a non-empty list of them)

Default: {}

Declared by:

[<home-manager/modules/programs/pylint.nix>](#)

programs pywal.enable

Whether to enable pywal.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/pywal.nix>`](#)

[`programs.qcal.enable`](#)

Whether to enable qcal, a CLI calendar application.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/qcal.nix>`](#)

[`programs.qcal.defaultNumDays`](#)

Default number of days to show calendar entries for

Type: positive integer, meaning >0

Default: 30

Declared by:

[`<home-manager/modules/programs/qcal.nix>`](#)

[`programs.qcal.timezone`](#)

Timezone to display calendar entries in

Type: (optionally newline-terminated) single-line string

Default: "Local"

Example: "Europe/Vienna"

Declared by:

[`<home-manager/modules/programs/qcal.nix>`](#)

[`programs.qltubrowser.enable`](#)

Whether to enable qltubrowser.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/qutebrowser.nix>`](#)

`programs.qutebrowser.enableDefaultBindings`

Disable to prevent loading default key bindings.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/qutebrowser.nix>`](#)

`programs.qutebrowser.package`

Qutebrowser package to install.

Type: package

Default: pkgs.qutebrowser

Declared by:

[`<home-manager/modules/programs/qutebrowser.nix>`](#)

`programs.qutebrowser.aliases`

Aliases for commands.

Type: attribute set of string

Default: { }

Declared by:

[`<home-manager/modules/programs/qutebrowser.nix>`](#)

`programs.qutebrowser.extraConfig`

Extra lines added to qutebrowser config.py file.

Type: strings concatenated with “\n”

Default: ""

Declared by:

[<home-manager/modules/programs/qutebrowser.nix>](#)

[programs.qutebrowser.greasemonkey](#)

Greasemonkey userscripts to add to qutebrowser's greasemonkey directory.

Type: list of package

Default: []

Example:

```
[  
  (pkgs.fetchurl {  
    url = "https://raw.githubusercontent.com/afreakk/greasemonkeyscripts/1d1be041a";  
    sha256 = "sha256-e3QgDPa3A0pPyzwvVjPQyEsSUC9goisjBUDMxLwg8ZE=";  
  })  
  (pkgs.writeText "some-script.js" ''  
    // ==UserScript==  
    // @name Some Greasemonkey script  
    // ==/UserScript==  
  '')  
,
```

Declared by:

[<home-manager/modules/programs/qutebrowser.nix>](#)

[programs.qutebrowser.keyBindings](#)

Key bindings mapping keys to commands in different modes. This setting is a dictionary containing mode names and dictionaries mapping keys to commands: {mode: {key: command}} If you want to map a key to another key, check the keyMappings setting instead. For modifiers, you can use either - or + as delimiters, and these names:

Control

Control, Ctrl

Meta

Meta, Windows, Mod4

Alt

Alt, Mod1

Shift

Shift

For simple keys (no <>-signs), a capital letter means the key is pressed with Shift. For special keys (with <>-signs), you need to explicitly add Shift - to match a key pressed with shift. If you want a binding to do nothing, bind it to the nop command. If you want a default binding to be passed through to the website, bind it to null. Note that some commands which are only useful for bindings (but not used interactively) are hidden from the command completion. See :help for a full list of available commands. The following modes are available:

normal

Default mode, where most commands are invoked.

insert

Entered when an input field is focused on a website, or by pressing i in normal mode. Passes through almost all keypresses to the website, but has some bindings like <Ctrl-e> to open an external editor. Note that single keys can't be bound in this mode.

hint

Entered when f is pressed to select links with the keyboard. Note that single keys can't be bound in this mode.

passthrough

Similar to insert mode, but passes through all keypresses except <Escape> to leave the mode. It might be useful to bind <Escape> to some other key in this mode if you want to be able to send an Escape key to the website as well. Note that single keys can't be bound in this mode.

command

Entered when pressing the : key in order to enter a command. Note that single keys can't be bound in this mode.

prompt

Entered when there's a prompt to display, like for download locations or when invoked from JavaScript.

`yesno`

Entered when there's a yes/no prompt displayed.

`caret`

Entered when pressing the v mode, used to select text using the keyboard.

`register`

Entered when qutebrowser is waiting for a register name/key for commands like :set-mark.

Type: attribute set of attribute set of strings concatenated with ";;"

Default: { }

Example:

```
{  
    normal = {  
        "<Ctrl-v>" = "spawn mpv {url}";  
        ",p" = "spawn --userscript qute-pass";  
        ",l" = ''config-cycle spellcheck.languages ["en-GB"] ["en-US"]'';  
        "<F1>" = mkMerge [  
            "config-cycle tabs.show never always"  
            "config-cycle statusbar.show in-mode always"  
            "config-cycle scrolling.bar never always"  
        ];  
    };  
    prompt = {  
        "<Ctrl-y>" = "prompt-yes";  
    };  
}
```

Declared by:

[<home-manager/modules/programs/qutebrowser.nix>](#)

[programs.qutebrowser.keyMappings](#)

This setting can be used to map keys to other keys. When the key used as dictionary-key is pressed, the binding for the key used as dictionary-value is invoked instead. This is useful for global remappings of keys, for example to map Ctrl-[to Escape. Note that when a key is bound (via `bindings.default` or `bindings.commands`), the mapping is ignored.

Type: attribute set of string

Default: { }

Declared by:

[<home-manager/modules/programs/qutebrowser.nix>](#)

programs.qutebrowser.loadAutoconfig

Load settings configured via the GUI.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/programs/qutebrowser.nix>](#)

programs.qutebrowser.quickmarks

Quickmarks to add to qutebrowser's quickmarks file. Note that when Home Manager manages your quickmarks, you cannot edit them at runtime.

Type: attribute set of string

Default: { }

Example:

```
{  
  nixpkgs = "https://github.com/NixOS/nixpkgs";  
  home-manager = "https://github.com/nix-community/home-manager";  
}
```

Declared by:

[<home-manager/modules/programs/qutebrowser.nix>](#)

programs.qutebrowser.searchEngines

Search engines that can be used via the address bar. Maps a search engine name (such as DEFAULT, or ddg) to a URL with a {} placeholder. The placeholder will be replaced by the search term, use {{ and }} for literal {} signs. The search engine named DEFAULT is used when url.auto_search is turned on and something else than a URL was entered to be opened. Other

search engines can be used by prepending the search engine name to the search term, for example :open google qutebrowser.

Type: attribute set of string

Default: { }

Example:

```
{  
    w = "https://en.wikipedia.org/wiki/Special:Search?search={}&go=Go&ns0=1";  
    aw = "https://wiki.archlinux.org/?search={}";  
    nw = "https://nixos.wiki/index.php?search={}";  
    g = "https://www.google.com/search?hl=en&q={}";  
}
```

Declared by:

[<home-manager/modules/programs/qutebrowser.nix>](#)

programs.qutebrowser.settings

Options to add to qutebrowser config.py file. See <https://qutebrowser.org/doc/help/settings.html> for options.

Type: attribute set of anything

Default: { }

Example:

```
{  
    colors = {  
        hints = {  
            bg = "#000000";  
            fg = "#ffffff";  
        };  
        tabs.bar.bg = "#000000";  
    };  
    tabs.tabs_are_windows = true;  
}
```

Declared by:

[`<home-manager/modules/programs/qutebrowser.nix>`](#)

`programs.rbenv.enable`

Whether to enable rbenv.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/rbenv.nix>`](#)

`programs.rbenv.enableBashIntegration`

Whether to enable Bash integration.

Type: boolean

Default: true

Example: true

Declared by:

[`<home-manager/modules/programs/rbenv.nix>`](#)

`programs.rbenv.enableFishIntegration`

Whether to enable Fish integration.

Type: boolean

Default: true

Example: true

Declared by:

[`<home-manager/modules/programs/rbenv.nix>`](#)

`programs.rbenv.enableZshIntegration`

Whether to enable Zsh integration.

Type: boolean

Default: true

Example: true

Declared by:

[<home-manager/modules/programs/rbenv.nix>](#)

programs.rbenv.package

The rbenv package to use.

Type: package

Default: pkgs.rbenv

Declared by:

[<home-manager/modules/programs/rbenv.nix>](#)

programs.rbenv.plugins

rbenv plugins to install in \$HOME/.rbenv/plugins/.

See <https://github.com/rbenv/rbenv/wiki/Plugins> for the full list of plugins.

Type: list of (submodule)

Default: []

Example:

```
[  
 {  
   name = "ruby-build";  
   src = pkgs.fetchFromGitHub {  
     owner = "rbenv";  
     repo = "ruby-build";  
     rev = "v20221225";  
     hash = "sha256-Kuq0Z1kh2mvq7rHEgwVG9XwzR5ZUtU/h8SQ7W4/mBU0=";  
   };  
 }  
]
```

Declared by:

[`<home-manager/modules/programs/rbenv.nix>`](#)[`programs.rbenv.plugins.*.name`](#)

Name of the plugin.

Type: string

Declared by:

[`<home-manager/modules/programs/rbenv.nix>`](#)[`programs.rbenv.plugins.*.src`](#)

Path to the plugin folder.

Type: path

Declared by:

[`<home-manager/modules/programs/rbenv.nix>`](#)[`programs.rbw.enable`](#)

Whether to enable rbw, a CLI Bitwarden client.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/rbw.nix>`](#)[`programs.rbw.package`](#)

Package providing the **rbw** tool and its **rbw-agent** daemon.

Type: package

Default: pkgs.rbw

Declared by:

[`<home-manager/modules/programs/rbw.nix>`](#)[`programs.rbw.settings`](#)

rbw configuration, if not defined the configuration will not be managed by Home Manager.

Type: null or (JSON value)

Default: null

Example:

```
{  
  email = "name@example.com";  
  lock_timeout = 300;  
  pinentry = "gnome3";  
}
```

Declared by:

[<home-manager/modules/programs/rbw.nix>](#)

programs.rbw.settings.base_url

The base-url for a self-hosted bitwarden installation.

Type: null or string

Default: null

Example: "bitwarden.example.com"

Declared by:

[<home-manager/modules/programs/rbw.nix>](#)

programs.rbw.settings.email

The email address for your bitwarden account.

Type: string

Example: "name@example.com"

Declared by:

[<home-manager/modules/programs/rbw.nix>](#)

programs.rbw.settings.identity_url

The identity url for your bitwarden installation.

Type: null or string

Default: null

Example: "identity.example.com"

Declared by:

[<home-manager/modules/programs/rbw.nix>](#)

programs.rbw.settings.lock_timeout

The amount of time that your login information should be cached.

Type: unsigned integer, meaning ≥ 0

Default: 3600

Example: 300

Declared by:

[<home-manager/modules/programs/rbw.nix>](#)

programs.rbw.settings.pinentry

Which pinentry interface to use. Beware that pinentry-gnome3 may not work on non-Gnome systems. You can fix it by adding the following to your system configuration:

```
services.dbus.packages = [ pkgs.gcr ];
```

For this reason, the default is gtk2 for now.

Type: package or one of "curses", "tty", "gtk2", "emacs", "gnome3", "qt"

Default: "gtk2"

Example: "gnome3"

Declared by:

[<home-manager/modules/programs/rbw.nix>](#)

programs.readline.enable

Whether to enable readline.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/readline.nix>](#)

[programs.readline.bindings](#)

Readline bindings.

Type: attribute set of string

Default: { }

Example:

```
{ "\\"C-h" = "backward-kill-word"; }
```

Declared by:

[<home-manager/modules/programs/readline.nix>](#)

[programs.readline.extraConfig](#)

Configuration lines appended unchanged to the end of the `~/.inputrc` file.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[<home-manager/modules/programs/readline.nix>](#)

[programs.readline.includeSystemConfig](#)

Whether to include the system-wide configuration.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/readline.nix>](#)

[programs.readline.variables](#)

Readline customization variable assignments.

Type: attribute set of (string or signed integer or boolean)

Default: { }

Example:

```
{  
    expand-tilde = true;  
}
```

Declared by:

[<home-manager/modules/programs/readline.nix>](#)

programs.rio.enable

Enable Rio, a terminal built to run everywhere, as a native desktop applications by Rust/WebGPU or even in the browsers powered by WebAssembly/WebGPU.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/rio.nix>](#)

programs.rio.package

The rio package to use.

Type: package

Default: pkgs.rio

Declared by:

[<home-manager/modules/programs/rio.nix>](#)

programs.rio.settings

Configuration written to <filename>\$XDG_CONFIG_HOME/rio/config.toml</filename> on Linux or <filename>\$HOME/Library/Application Support/rio/config.toml</filename> on Darwin. See <link xlink:href="https://raphamorim.io/rio/docs/#configuration-file"/> for options.

Type: TOML value

Default: { }

Declared by:

[`<home-manager/modules/programs/rio.nix>`](#)

[`programs.ripgrep.enable`](#)

Whether to enable Ripgrep.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/ripgrep.nix>`](#)

[`programs.ripgrep.package`](#)

The ripgrep package to use.

Type: package

Default: pkgs.ripgrep

Declared by:

[`<home-manager/modules/programs/ripgrep.nix>`](#)

[`programs.ripgrep.arguments`](#)

List of arguments to pass to ripgrep. Each item is given to ripgrep as a single command line argument verbatim.

See <https://github.com/BurntSushi/ripgrep/blob/master/GUIDE.md#configuration-file> for an example configuration.

Type: list of string

Default: []

Example:

```
[  
  "- -max-columns-preview"
```

```
    "--colors=line:style:bold"
]
```

Declared by:

[`<home-manager/modules/programs/ripgrep.nix>`](#)

`programs.rofi.enable`

Whether to enable Rofi: A window switcher, application launcher and dmenu replacement.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/rofi.nix>`](#)

`programs.rofi.package`

Package providing the **rofi** binary.

Type: package

Default: <derivation rofi-1.7.5>

Example:

```
pkgs.rofi.override { plugins = [ pkgs.rofi-emoji ]; };
```

Declared by:

[`<home-manager/modules/programs/rofi.nix>`](#)

`programs.rofi.configPath`

Path where to put generated configuration file.

Type: string

Default: "\$XDG_CONFIG_HOME/rofi/config.rasi"

Declared by:

[`<home-manager/modules/programs/rofi.nix>`](#)[`programs.rofi.cycle`](#)

Whether to cycle through the results list.

Type: null or boolean

Default: null

Declared by:

[`<home-manager/modules/programs/rofi.nix>`](#)[`programs.rofi.extraConfig`](#)

Additional configuration to add.

Type: (attribute set of (string or signed integer or boolean or (Rasi literal string) or list of (string or signed integer or boolean or (Rasi literal string)))) or string

Default: { }

Example:

```
{  
  modi = "drun,emoji,ssh";  
  kb-primary-paste = "Control+V,Shift+Insert";  
  kb-secondary-paste = "Control+v,Insert";  
}
```

Declared by:

[`<home-manager/modules/programs/rofi.nix>`](#)[`programs.rofi.finalPackage`](#)

Resulting customized rofi package.

Type: package (*read only*)

Declared by:

[`<home-manager/modules/programs/rofi.nix>`](#)[`programs.rofi.font`](#)

Font to use.

Type: null or string

Default: null

Example: "Droid Sans Mono 14"

Declared by:

[<home-manager/modules/programs/rofi.nix>](#)

programs.rofi.location

The location rofi appears on the screen.

Type: one of "bottom", "bottom-left", "bottom-right", "center", "left", "right", "top", "top-left", "top-right"

Default: "center"

Declared by:

[<home-manager/modules/programs/rofi.nix>](#)

programs.rofi.pass.enable

Whether to enable rofi integration with password-store.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/rofi-pass.nix>](#)

programs.rofi.pass.package

The rofi-pass package to use.

Type: package

Default: pkgs.rofi-pass

Example: pkgs.rofi-pass-wayland

Declared by:

[<home-manager/modules/programs/rofi-pass.nix>](#)

programs.rofi.pass.extraConfig

Extra configuration to be added at to the rofi-pass config file. Additional examples can be found at <https://github.com/carnager/rofi-pass/blob/master/config.example>.

Type: strings concatenated with “\n”

Default: “ ”

Example:

```
URL_field='url'  
USERNAME_field='user'  
AUTOTYPE_field='autotype'
```

Declared by:

[<home-manager/modules/programs/rofi-pass.nix>](https://nix-community.github.io/home-manager/modules/programs/rofi-pass.nix)

programs.rofi.pass.stores

Directory roots of your password-stores.

Type: list of string

Default: []

Declared by:

[<home-manager/modules/programs/rofi-pass.nix>](https://nix-community.github.io/home-manager/modules/programs/rofi-pass.nix)

programs.rofi.plugins

List of rofi plugins to be installed.

Type: list of package

Default: []

Example: [pkgs.rofi-calc]

Declared by:

[<home-manager/modules/programs/rofi.nix>](https://nix-community.github.io/home-manager/modules/programs/rofi.nix)

programs.rofi.terminal

Path to the terminal which will be used to run console applications

Type: null or string

Default: null

Example: "\\${pkgs.gnome.gnome_terminal}/bin/gnome-terminal"

Declared by:

[<home-manager/modules/programs/rofi.nix>](#)

programs.rofi.theme

Name of theme or path to theme file in rasi format or attribute set with theme configuration.

Available named themes can be viewed using the **rofi-theme-selector** tool.

Type: null or string or path or attribute set of ((attribute set of (string or signed integer or boolean or (Rasi literal string)) or list of (string or signed integer or boolean or (Rasi literal string)))) or string)

Default: null

Example:

```
let
  # Use `mkLiteral` for string-like values that should show without
  # quotes, e.g.:
  # {
  #   foo = "abc"; => foo: "abc";
  #   bar = mkLiteral "abc"; => bar: abc;
  # };
  inherit (config.lib.formats.rasi) mkLiteral;
in {
  "*" = {
    background-color = mkLiteral "#000000";
    foreground-color = mkLiteral "rgba ( 250, 251, 252, 100 % )";
    border-color = mkLiteral "#FFFFFF";
    width = 512;
  };

  "#inputbar" = {
    children = map mkLiteral [ "prompt" "entry" ];
  };

  "#textbox-prompt-colon" = {
    expand = false;
  };
}
```

```
    str = ":";  
    margin = mkLiteral "0px 0.3em 0em 0em";  
    text-color = mkLiteral "@foreground-color";  
};  
}
```

Declared by:

[<home-manager/modules/programs/rofi.nix>](#)

programs.rofi.xoffset

Offset in the x-axis in pixels relative to the chosen location.

Type: signed integer

Default: 0

Declared by:

[<home-manager/modules/programs/rofi.nix>](#)

programs.rofi.yoffset

Offset in the y-axis in pixels relative to the chosen location.

Type: signed integer

Default: 0

Declared by:

[<home-manager/modules/programs/rofi.nix>](#)

programs.rtorrent.enable

Whether to enable rTorrent.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/rtorrent.nix>](#)

programs.rtorrent.extraConfig

Configuration written to `$XDG_CONFIG_HOME/rtorrent/rtorrent.rc`. See <https://github.com/rakshasa/torrent/wiki/Config-Guide> for explanation about possible values.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[`<home-manager/modules/programs/rtorrent.nix>`](#)

programs.ruff.enable

Whether to enable ruff, an extremely fast Python linter and code formatter, written in Rust.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/ruff.nix>`](#)

programs.ruff.package

The ruff package to use.

Type: package

Default: pkgs.ruff

Declared by:

[`<home-manager/modules/programs/ruff.nix>`](#)

programs.ruff.settings

Ruff configuration. For available settings see <https://docs.astral.sh/ruff/settings>.

Type: TOML value

Example:

```
{  
    line-length = 100;  
    per-file-ignores = { "__init__.py" = [ "F401" ]; };  
}
```

```
    lint = {
      select = [ "E4" "E7" "E9" "F" ];
      ignore = [ ];
    };
}
```

Declared by:

[`<home-manager/modules/programs/ruff.nix>`](#)

`programs.sagemath.enable`

Whether to enable SageMath, a mathematics software system.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/sagemath.nix>`](#)

`programs.sagemath.package`

The SageMath package to use.

Type: package

Default: pkgs.sage

Declared by:

[`<home-manager/modules/programs/sagemath.nix>`](#)

`programs.sagemath.configDir`

Directory where the sage.init file will be stored. Note that the upstream default is `~/ .sage`, but our default is to follow XDG.

Type: string

Default: \${config.xdg.configHome}/sage

Declared by:

[`<home-manager/modules/programs/sagemath.nix>`](#)

programs.sagemath.dataDir

Location for DOT_SAGE. Note that the upstream default is ~/ . sage, but our default is to follow XDG.

Type: string

Default: \${config.xdg.dataHome}/sage

Declared by:

[<home-manager/modules/programs/sagemath.nix>](#)

programs.sagemath.initScript

Contents of the init.sage file that is loaded on startup.

Type: strings concatenated with “\n”

Default: “ ”

Example: "%colors linux"

Declared by:

[<home-manager/modules/programs/sagemath.nix>](#)

programs.sapling.enable

Whether to enable Sapling.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/sapling.nix>](#)

programs.sapling.package

The sapling package to use.

Type: package

Default: pkgs.sapling

Declared by:

[<home-manager/modules/programs/sapling.nix>](#)

[programs.sapling.aliases](#)

Sapling aliases to define.

Type: attribute set of string

Default: { }

Declared by:

[<home-manager/modules/programs/sapling.nix>](#)

[programs.sapling.extraConfig](#)

Additional configuration to add.

Type: attribute set of anything

Default: { }

Declared by:

[<home-manager/modules/programs/sapling.nix>](#)

[programs.sapling.userEmail](#)

Default user email to use.

Type: string

Declared by:

[<home-manager/modules/programs/sapling.nix>](#)

[programs.sapling.userName](#)

Default user name to use.

Type: string

Declared by:

[<home-manager/modules/programs/sapling.nix>](#)

[programs.sbt.enable](#)

Whether to enable sbt.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/sbt.nix>](#)

programs.sbt.package

The package with sbt to be installed.

Type: package

Default: pkgs.sbt

Declared by:

[<home-manager/modules/programs/sbt.nix>](#)

programs.sbt.baseUserConfigPath

Where the sbt configuration files should be located, relative HOME.

Type: string

Default: ".sbt"

Declared by:

[<home-manager/modules/programs/sbt.nix>](#)

programs.sbt.credentials

A list of credentials to define in the sbt configuration directory.

Type: list of (submodule)

Default: []

Example:

```
[{  
    realm = "Sonatype Nexus Repository Manager";  
    host = "example.com";  
    user = "user";  
    passwordCommand = "pass show sbt/user@example.com";  
}
```

Declared by:

[`<home-manager/modules/programs/sbt.nix>`](#)

`programs.sbt.credentials.*.host`

The hostname of the repository you're authenticating to.

Type: string

Declared by:

[`<home-manager/modules/programs/sbt.nix>`](#)

`programs.sbt.credentials.*.passwordCommand`

The command that provides the password or authentication token for the repository.

Type: string

Declared by:

[`<home-manager/modules/programs/sbt.nix>`](#)

`programs.sbt.credentials.*.realm`

The realm of the repository you're authenticating to.

Type: string

Declared by:

[`<home-manager/modules/programs/sbt.nix>`](#)

`programs.sbt.credentials.*.user`

The user you're using to authenticate.

Type: string

Declared by:

[`<home-manager/modules/programs/sbt.nix>`](#)

`programs.sbt.plugins`

A list of plugins to place in the sbt configuration directory.

Type: list of (submodule)

Default: []

Example:

```
[  
 {  
   org = "net.virtual-void";  
   artifact = "sbt-dependency-graph";  
   version = "0.10.0-RC1";  
 }  
 {  
   org = "com.dwijnand";  
   artifact = "sbt-project-graph";  
   version = "0.4.0";  
 }  
]
```

Declared by:

[<home-manager/modules/programs/sbt.nix>](#)

[programs.sbt.plugins.*.artifact](#)

The name of the artifact.

Type: string

Declared by:

[<home-manager/modules/programs/sbt.nix>](#)

[programs.sbt.plugins.*.org](#)

The organization the artifact is published under.

Type: string

Declared by:

[<home-manager/modules/programs/sbt.nix>](#)

[programs.sbt.plugins.*.version](#)

The version of the plugin.

Type: string

Declared by:

[`<home-manager/modules/programs/sbt.nix>`](#)

[programs.sbt.repositories](#)

A list of repositories to use when resolving dependencies. Defined as a list of pre-defined repository or custom repository as a set of name to URL. The list will be used populate the `~/ .sbt /repositories` file in the order specified.

Pre-defined repositories must be one of `local`, `maven-local`, `maven-central`.

Custom repositories are defined as `{ name-of-repo = "https://url.to.repo.com" }`.

See <https://www.scala-sbt.org/1.x/docs/Launcher-Configuration.html#3.+Repositories+Section> about this configuration section and <https://www.scala-sbt.org/1.x/docs/Proxy-Repositories.html> to read about proxy repositories.

Type: list of (one of “`local`”, “`maven-central`”, “`maven-local`” or attribute set of string)

Default: []

Example:

```
[  
  "local"  
  { my-ivy-proxy-releases = "http://repo.company.com/ivy-releases/", [organization]  
  { my-maven-proxy-releases = "http://repo.company.com/maven-releases/" }  
  "maven-central"  
]
```

Declared by:

[`<home-manager/modules/programs/sbt.nix>`](#)

[programs.scmpuff.enable](#)

Whether to enable scmpuff, a command line tool that allows you to work quicker with Git by substituting numeric shortcuts for files.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/scmpuff.nix>`](#)

[`programs.scmpuff.enableAliases`](#)

Whether to enable aliases (e.g. gs, ga, gd, gco).

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/scmpuff.nix>`](#)

[`programs.scmpuff.enableBashIntegration`](#)

Whether to enable Bash integration.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/scmpuff.nix>`](#)

[`programs.scmpuff.enableFishIntegration`](#)

Whether to enable fish integration.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/scmpuff.nix>`](#)

[`programs.scmpuff.enableZshIntegration`](#)

Whether to enable Zsh integration.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/scmpuff.nix>`](#)

[programs.scmpuff.package](#)

Package providing the **scmpuff** tool.

Type: package

Default: pkgs.scmpuff

Declared by:

[<home-manager/modules/programs/scmpuff.nix>](#)

[programs.script-directory.enable](#)

Whether to enable script-directory.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/script-directory.nix>](#)

[programs.script-directory.package](#)

The script-directory package to use.

Type: package

Default: pkgs.script-directory

Declared by:

[<home-manager/modules/programs/script-directory.nix>](#)

[programs.script-directory.settings](#)

script-directory config, for options take a look at the [documentation](#)

Type: attribute set of string

Default: { }

Example:

```
{  
  SD_ROOT = "${config.home.homeDirectory}/.sd";
```

```
SD_EDITOR = "nvim";
SD_CAT = "lolcat";
}
```

Declared by:

[`<home-manager/modules/programs/script-directory.nix>`](#)

[programs.senpai.enable](#)

Whether to enable senpai.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/senpai.nix>`](#)

[programs.senpai.package](#)

The senpai package to use.

Type: package

Default: pkgs.senpai

Declared by:

[`<home-manager/modules/programs/senpai.nix>`](#)

[programs.senpai.config](#)

Configuration for senpai. For a complete list of options, see `senpai(5)`.

Type: YAML value

Example:

```
{
  addr = "libera.chat:6697";
  nick = "nicholas";
  password = "verysecurepassword";
```

```
}
```

Declared by:

[`<home-manager/modules/programs/senpai.nix>`](#)

`programs.senpai.config.addr`

The address (host[:port]) of the IRC server. senpai uses TLS connections by default unless you specify no-tls option. TLS connections default to port 6697, plain-text use port 6667.

Type: string

Declared by:

[`<home-manager/modules/programs/senpai.nix>`](#)

`programs.senpai.config.nick`

Your nickname, sent with a NICK IRC message. It mustn't contain spaces or colons (:).

Type: string

Declared by:

[`<home-manager/modules/programs/senpai.nix>`](#)

`programs.senpai.config.no-tls`

Disables TLS encryption.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/programs/senpai.nix>`](#)

`programs.senpai.config.password`

Your password, used for SASL authentication. Note that it will reside world-readable in the Nix store.

Type: null or string

Default: null

Declared by:

[home-manager/modules/programs/senpai.nix](#)programs.sftpman.enable

Whether to enable sftpman, an application that handles sshfs/sftp file systems mounting.

Type: boolean

Default: false

Example: true

Declared by:

[home-manager/modules/programs/sftpman.nix](#)programs.sftpman.package

The sftpman package to use.

Type: package

Default: pkgs.sftpman

Declared by:

[home-manager/modules/programs/sftpman.nix](#)programs.sftpman.defaultSshKey

Path to the SSH key to be used by default. Can be overridden per host.

Type: null or string

Default: null

Declared by:

[home-manager/modules/programs/sftpman.nix](#)programs.sftpman.mounts

The sshfs mount configurations written to \$XDG_CONFIG_HOME/sftpman/mounts/.

Type: attribute set of (submodule)

Default: { }

Declared by:

[home-manager/modules/programs/sftpman.nix](#)

[programs.sftpman.mounts.<name>.authType](#)

The authentication method to use.

Type: one of “password”, “publickey”, “hostbased”, “keyboard-interactive”, “gssapi-with-mic”

Default: “publickey”

Declared by:

[<home-manager/modules/programs/sftpman.nix>](#)

[programs.sftpman.mounts.<name>.beforeMount](#)

Command to run before mounting.

Type: string

Default: “true”

Declared by:

[<home-manager/modules/programs/sftpman.nix>](#)

[programs.sftpman.mounts.<name>.host](#)

The host to connect to.

Type: string

Declared by:

[<home-manager/modules/programs/sftpman.nix>](#)

[programs.sftpman.mounts.<name>.mountOptions](#)

Options to pass to sshfs.

Type: list of string

Default: []

Declared by:

[<home-manager/modules/programs/sftpman.nix>](#)

[programs.sftpman.mounts.<name>.mountPoint](#)

The remote path to mount.

Type: string

Declared by:

[`<home-manager/modules/programs/sftpman.nix>`](#)

`programs.sftpman.mounts.<name>.port`

The port to connect to.

Type: 16 bit unsigned integer; between 0 and 65535 (both inclusive)

Default: 22

Declared by:

[`<home-manager/modules/programs/sftpman.nix>`](#)

`programs.sftpman.mounts.<name>.sshKey`

Path to the SSH key to use for authentication. Only applies if authMethod is publickey.

Type: null or string

Default: config.programs.sftpman.defaultSshKey

Declared by:

[`<home-manager/modules/programs/sftpman.nix>`](#)

`programs.sftpman.mounts.<name>.user`

The username to authenticate with.

Type: string

Declared by:

[`<home-manager/modules/programs/sftpman.nix>`](#)

`programs.sioyek.enable`

Whether to enable Sioyek, a PDF viewer designed for reading research papers and technical books.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/sioyek.nix>`](#)[programs.sioyek.package](#)

Package providing the sioyek binary

Type: package

Default: pkgs.sioyek

Declared by:

[`<home-manager/modules/programs/sioyek.nix>`](#)[programs.sioyek.bindings](#)

Input configuration written to \$XDG_CONFIG_HOME/sioyek/keys_user.config. See https://github.com/ahrm/sioyek/blob/main/pdf_viewer/keys.config.

Each attribute could also accept a list of strings to set multiple bindings of the same command.

Type: attribute set of (string or list of string)

Default: { }

Example:

```
{  
  "move_up" = "k";  
  "move_down" = "j";  
  "move_left" = "h";  
  "move_right" = "l";  
  "screen_down" = [ "d" "<C-d>" ];  
  "screen_up" = [ "u" "<C-u>" ];  
}
```

Declared by:

[`<home-manager/modules/programs/sioyek.nix>`](#)[programs.sioyek.config](#)

Input configuration written to \$XDG_CONFIG_HOME/sioyek/prefs_user.config. See https://github.com/ahrm/sioyek/blob/main/pdf_viewer/prefs.config.

Type: attribute set of string

Default: { }

Example:

```
{  
  "background_color" = "1.0 1.0 1.0";  
  "text_highlight_color" = "1.0 0.0 0.0";  
}
```

Declared by:

[<home-manager/modules/programs/sioyek.nix>](#)

programs.skim.enable

Whether to enable skim - a command-line fuzzy finder.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/skim.nix>](#)

programs.skim.enableBashIntegration

Whether to enable Bash integration.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/skim.nix>](#)

programs.skim.enableFishIntegration

Whether to enable Fish integration.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/skim.nix>`](#)

`programs.skim.enableZshIntegration`

Whether to enable Zsh integration.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/skim.nix>`](#)

`programs.skim.package`

Package providing the `skim` tool.

Type: package

Default: pkgs.skim

Declared by:

[`<home-manager/modules/programs/skim.nix>`](#)

`programs.skim.changeDirWidgetCommand`

The command that gets executed as the source for skim for the ALT-C keybinding.

Type: null or string

Default: null

Example: "fd --type d"

Declared by:

[`<home-manager/modules/programs/skim.nix>`](#)

`programs.skim.changeDirWidgetOptions`

Command line options for the ALT-C keybinding.

Type: list of string

Default: []

Example:

```
[  
  "--preview 'tree -C {} | head -200'"  
]
```

Declared by:

[<home-manager/modules/programs/skim.nix>](#)

programs.skim.defaultCommand

The command that gets executed as the default source for skim when running.

Type: null or string

Default: null

Example: "fd --type f"

Declared by:

[<home-manager/modules/programs/skim.nix>](#)

programs.skim.defaultOptions

Extra command line options given to skim by default.

Type: list of string

Default: []

Example:

```
[  
  "--height 40%"  
  "--prompt »"  
]
```

Declared by:

[<home-manager/modules/programs/skim.nix>](#)

programs.skim.fileWidgetCommand

The command that gets executed as the source for skim for the CTRL-T keybinding.

Type: null or string

Default: null

Example: "fd --type f"

Declared by:

[<home-manager/modules/programs/skim.nix>](#)

programs.skim.fileWidgetOptions

Command line options for the CTRL-T keybinding.

Type: list of string

Default: []

Example:

```
[  
  "--preview 'head {}'"  
]
```

Declared by:

[<home-manager/modules/programs/skim.nix>](#)

programs.skim.historyWidgetOptions

Command line options for the CTRL-R keybinding.

Type: list of string

Default: []

Example:

```
[  
  "--tac"  
  "--exact"  
]
```

Declared by:

[`<home-manager/modules/programs/skim.nix>`](#)[`programs.sm64ex.enable`](#)

Whether to enable sm64ex.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/sm64ex.nix>`](#)[`programs.sm64ex.package`](#)

The sm64ex package to use.

Type: package

Default: <derivation sm64ex-unstable-2022-12-19>

Declared by:

[`<home-manager/modules/programs/sm64ex.nix>`](#)[`programs.sm64ex.baserom`](#)

The path to the Super Mario 64 baserom to extract assets from.

Type: null or path

Default: null

Example: /home/foo/baserom.us.z64

Declared by:

[`<home-manager/modules/programs/sm64ex.nix>`](#)[`programs.sm64ex.extraCompileFlags`](#)

Extra flags to pass to the compiler. See <https://github.com/sm64pc/sm64ex/wiki/Build-options> for more information.

Type: null or (list of string)

Default: null

Example:

```
[  
  "BETTERCAMERA=1"  
  "NODRAWINGDISTANCE=1"  
];
```

Declared by:

[<home-manager/modules/programs/sm64ex.nix>](#)

programs.sm64ex.region

Your baserom's region. Note that only "us", "eu", and "jp" are supported.

Type: null or one of "us", "eu", "jp"

Default: us

Example: jp

Declared by:

[<home-manager/modules/programs/sm64ex.nix>](#)

programs.sm64ex.settings

Settings for sm64ex's \$XDG_DATA_HOME/sm64pc/sm64config.txt file.

Type: null or (attribute set of (string or signed integer or boolean or list of string))

Default: null

Example:

```
{  
  fullscreen = false;  
  window_x = 0;  
  window_y = 0;  
  window_w = 1920;  
  window_h = 1080;  
  vsync = 1;  
  texture_filtering = 1;  
  master_volume = 127;  
  music_volume = 127;  
  sfx_volume = 127;
```

```
env_volume = 127;
key_a = [ "0026" "1000" "1103" ];
key_b = [ "0033" "1002" "1101" ];
key_start = [ "0039" "1006" "fffff" ];
key_l = [ "0034" "1007" "1104" ];
key_r = [ "0036" "100a" "1105" ];
key_z = [ "0025" "1009" "1102" ];
key_cup = [ "100b" "fffff" "fffff" ];
key_cdown = [ "100c" "fffff" "fffff" ];
key_cleft = [ "100d" "fffff" "fffff" ];
key_cright = [ "100e" "fffff" "fffff" ];
key_stickup = [ "0011" "fffff" "fffff" ];
key_stickdown = [ "001f" "fffff" "fffff" ];
key_stickleft = [ "001e" "fffff" "fffff" ];
key_stickright = [ "0020" "fffff" "fffff" ];
stick_deadzone = 16;
rumble_strength = 10;
skip_intro = 1;
};
```

Declared by:

[<home-manager/modules/programs/sm64ex.nix>](#)

programs.sqls.enable

Whether to enable sqls, a SQL language server written in Go.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/sqls.nix>](#)

programs.sqls.settings

Configuration written to \$XDG_CONFIG_HOME/sqls/config.yml. See <https://github.com/lighttiger2505/sqls#db-configuration> for supported values.

Type: YAML value

Default: { }

Example:

```
{  
    lowercaseKeywords = true;  
    connections = [  
        {  
            driver = "mysql";  
            dataSourceName = "root:root@tcp(127.0.0.1:13306)/world";  
        }  
    ];  
}
```

Declared by:

[<home-manager/modules/programs/sqls.nix>](#)

programs.ssh.enable

Whether to enable SSH client configuration.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/ssh.nix>](#)

programs.ssh.package

The openssh package to use. By default, the client provided by your system is used.

Type: null or package

Default: null

Declared by:

[<home-manager/modules/programs/ssh.nix>](#)

programs.ssh.addKeysToAgent

When enabled, a private key that is used during authentication will be added to ssh-agent if it is running (with confirmation enabled if set to 'confirm'). The argument must be 'no' (the default),

'yes', 'confirm' (optionally followed by a time interval), 'ask' or a time interval (e.g. '1h').

Type: string

Default: "no"

Declared by:

[<home-manager/modules/programs/ssh.nix>](#)

programs.ssh.compression

Specifies whether to use compression.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/programs/ssh.nix>](#)

programs.ssh.controlMaster

Configure sharing of multiple sessions over a single network connection.

Type: one of "yes", "no", "ask", "auto", "autoask"

Default: "no"

Declared by:

[<home-manager/modules/programs/ssh.nix>](#)

programs.ssh.controlPath

Specify path to the control socket used for connection sharing.

Type: string

Default: "~/.ssh/master-%r@%n:%p"

Declared by:

[<home-manager/modules/programs/ssh.nix>](#)

programs.ssh.controlPersist

Whether control socket should remain open in the background.

Type: string

Default: "no"

Example: "10m"

Declared by:

[`<home-manager/modules/programs/ssh.nix>`](#)

[programs.ssh.extraConfig](#)

Extra configuration.

Type: strings concatenated with "\n"

Default: ""

Declared by:

[`<home-manager/modules/programs/ssh.nix>`](#)

[programs.ssh.extraOptionOverrides](#)

Extra SSH configuration options that take precedence over any host specific configuration.

Type: attribute set of string

Default: {}

Declared by:

[`<home-manager/modules/programs/ssh.nix>`](#)

[programs.ssh.forwardAgent](#)

Whether the connection to the authentication agent (if any) will be forwarded to the remote machine.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/programs/ssh.nix>`](#)

[programs.ssh.hashKnownHosts](#)

Indicates that ssh(1) should hash host names and addresses when they are added to the known hosts file.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/programs/ssh.nix>](#)

programs.ssh.includes

File globs of ssh config files that should be included via the `Include` directive.

See `ssh_config(5)` for more information.

Type: list of string

Default: []

Declared by:

[<home-manager/modules/programs/ssh.nix>](#)

programs.ssh.matchBlocks

Specify per-host settings. Note, if the order of rules matter then use the DAG functions to express the dependencies as shown in the example.

See `ssh_config(5)` for more information.

Type: DAG of submodule

Default: { }

Example:

```
{  
    "john.example.com" = {  
        hostname = "example.com";  
        user = "john";  
    };  
    foo = lib.hm.dag.entryBefore ["john.example.com"] {  
        hostname = "example.com";  
        identityFile = "/home/john/.ssh/foo_rsa";  
    };  
};
```

Declared by:

[`<home-manager/modules/programs/ssh.nix>`](#)[`programs.ssh.matchBlocks.<name>.addressFamily`](#)

Specifies which address family to use when connecting.

Type: null or one of “any”, “inet”, “inet6”

Default: null

Declared by:

[`<home-manager/modules/programs/ssh.nix>`](#)[`programs.ssh.matchBlocks.<name>.certificateFile`](#)

Specifies files from which the user certificate is read.

Type: (list of string) or null or string

Default: []

Declared by:

[`<home-manager/modules/programs/ssh.nix>`](#)[`programs.ssh.matchBlocks.<name>.checkHostIP`](#)

Check the host IP address in the known_hosts file.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/ssh.nix>`](#)[`programs.ssh.matchBlocks.<name>.compression`](#)

Specifies whether to use compression. Omitted from the host block when null.

Type: null or boolean

Default: null

Declared by:

[`<home-manager/modules/programs/ssh.nix>`](#)[`programs.ssh.matchBlocks.<name>.dynamicForwards`](#)

Specify dynamic port forwardings. See `ssh_config(5)` for `DynamicForward`.

Type: list of (submodule)

Default: []

Example:

```
[ { port = 8080; } ];
```

Declared by:

[`<home-manager/modules/programs/ssh.nix>`](#)

[`programs.ssh.matchBlocks.<name>.dynamicForwards.*.address`](#)

The address where to bind the port.

Type: string

Default: "localhost"

Example: "example.org"

Declared by:

[`<home-manager/modules/programs/ssh.nix>`](#)

[`programs.ssh.matchBlocks.<name>.dynamicForwards.*.port`](#)

Specifies port number to bind on bind address.

Type: null or 16 bit unsigned integer; between 0 and 65535 (both inclusive)

Default: null

Example: 8080

Declared by:

[`<home-manager/modules/programs/ssh.nix>`](#)

[`programs.ssh.matchBlocks.<name>.extraOptions`](#)

Extra configuration options for the host.

Type: attribute set of string

Default: { }

Declared by:

[<home-manager/modules/programs/ssh.nix>](#)

[programs.ssh.matchBlocks.<name>.forwardAgent](#)

Whether the connection to the authentication agent (if any) will be forwarded to the remote machine.

Type: null or boolean

Default: null

Declared by:

[<home-manager/modules/programs/ssh.nix>](#)

[programs.ssh.matchBlocks.<name>.forwardX11](#)

Specifies whether X11 connections will be automatically redirected over the secure channel and DISPLAY set.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/programs/ssh.nix>](#)

[programs.ssh.matchBlocks.<name>.forwardX11Trusted](#)

Specifies whether remote X11 clients will have full access to the original X11 display.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/programs/ssh.nix>](#)

[programs.ssh.matchBlocks.<name>.host](#)

Host pattern used by this conditional block. See `ssh_config(5)` for Host block details. This option is ignored if `ssh.matchBlocks.*.match` is defined.

Type: null or string

Default: null

Example: "*.`example.org`"

Declared by:

[`<home-manager/modules/programs/ssh.nix>`](#)

`programs.ssh.matchBlocks.<name>.hostname`

Specifies the real host name to log into.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/programs/ssh.nix>`](#)

`programs.ssh.matchBlocks.<name>.identitiesOnly`

Specifies that ssh should only use the authentication identity explicitly configured in the `~/.ssh/config` files or passed on the ssh command-line, even if **ssh-agent** offers more identities.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/programs/ssh.nix>`](#)

`programs.ssh.matchBlocks.<name>.identityFile`

Specifies files from which the user identity is read. Identities will be tried in the given order.

Type: (list of string) or null or string

Default: []

Declared by:

[`<home-manager/modules/programs/ssh.nix>`](#)

`programs.ssh.matchBlocks.<name>.localForwards`

Specify local port forwardings. See `ssh_config(5)` for `LocalForward`.

Type: list of (submodule)

Default: []

Example:

```
[  
 {  
   bind.port = 8080;  
   host.address = "10.0.0.13";  
   host.port = 80;  
 }  
];
```

Declared by:

[<home-manager/modules/programs/ssh.nix>](#)

programs.ssh.matchBlocks.<name>.localForwards.*.bind.address

The address where to bind the port.

Type: string

Default: "localhost"

Example: "example.org"

Declared by:

[<home-manager/modules/programs/ssh.nix>](#)

programs.ssh.matchBlocks.<name>.localForwards.*.bind.port

Specifies port number to bind on bind address.

Type: null or 16 bit unsigned integer; between 0 and 65535 (both inclusive)

Default: null

Example: 8080

Declared by:

[<home-manager/modules/programs/ssh.nix>](#)

programs.ssh.matchBlocks.<name>.localForwards.*.host.address

The address where to forward the traffic to.

Type: null or string

Default: null

Example: "example.org"

Declared by:

[<home-manager/modules/programs/ssh.nix>](#)

programs. ssh.matchBlocks.<name>.localForwards.*.host.port

Specifies port number to forward the traffic to.

Type: null or 16 bit unsigned integer; between 0 and 65535 (both inclusive)

Default: null

Example: 80

Declared by:

[<home-manager/modules/programs/ssh.nix>](#)

programs. ssh.matchBlocks.<name>.match

Match block conditions used by this block. See `ssh_config(5)` for Match block details. This option takes precedence over `ssh.matchBlocks.*.host` if defined.

Type: null or string

Default: null

Example:

```
'''
host <hostname> canonical
host <hostname> exec "ping -c1 -q 192.168.17.1'''
```

Declared by:

[<home-manager/modules/programs/ssh.nix>](#)

programs. ssh.matchBlocks.<name>.port

Specifies port number to connect on remote host.

Type: null or 16 bit unsigned integer; between 0 and 65535 (both inclusive)

Default: null

Declared by:

[<home-manager/modules/programs/ssh.nix>](#)

[programs.ssh.matchBlocks.<name>.proxyCommand](#)

The command to use to connect to the server.

Type: null or string

Default: null

Declared by:

[<home-manager/modules/programs/ssh.nix>](#)

[programs.ssh.matchBlocks.<name>.proxyJump](#)

The proxy host to use to connect to the server.

Type: null or string

Default: null

Declared by:

[<home-manager/modules/programs/ssh.nix>](#)

[programs.ssh.matchBlocks.<name>.remoteForwards](#)

Specify remote port forwardings. See `ssh_config(5)` for `RemoteForward`.

Type: list of (submodule)

Default: []

Example:

```
[  
 {  
   bind.port = 8080;  
   host.address = "10.0.0.13";  
   host.port = 80;  
 }  
];
```

Declared by:

[`<home-manager/modules/programs/ssh.nix>`](#)

`programs.ssh.matchBlocks.<name>.remoteForwards.*.bind.address`

The address where to bind the port.

Type: string

Default: "localhost"

Example: "example.org"

Declared by:

[`<home-manager/modules/programs/ssh.nix>`](#)

`programs.ssh.matchBlocks.<name>.remoteForwards.*.bind.port`

Specifies port number to bind on bind address.

Type: null or 16 bit unsigned integer; between 0 and 65535 (both inclusive)

Default: null

Example: 8080

Declared by:

[`<home-manager/modules/programs/ssh.nix>`](#)

`programs.ssh.matchBlocks.<name>.remoteForwards.*.host.address`

The address where to forward the traffic to.

Type: null or string

Default: null

Example: "example.org"

Declared by:

[`<home-manager/modules/programs/ssh.nix>`](#)

`programs.ssh.matchBlocks.<name>.remoteForwards.*.host.port`

Specifies port number to forward the traffic to.

Type: null or 16 bit unsigned integer; between 0 and 65535 (both inclusive)

Default: null

Example: 80

Declared by:

[`<home-manager/modules/programs/ssh.nix>`](#)

`programs.ssh.matchBlocks.<name>.sendEnv`

Environment variables to send from the local host to the server.

Type: list of string

Default: []

Declared by:

[`<home-manager/modules/programs/ssh.nix>`](#)

`programs.ssh.matchBlocks.<name>.serverAliveCountMax`

Sets the number of server alive messages which may be sent without SSH receiving any messages back from the server.

Type: positive integer, meaning >0

Default: 3

Declared by:

[`<home-manager/modules/programs/ssh.nix>`](#)

`programs.ssh.matchBlocks.<name>.serverAliveInterval`

Set timeout in seconds after which response will be requested.

Type: signed integer

Default: 0

Declared by:

[`<home-manager/modules/programs/ssh.nix>`](#)

`programs.ssh.matchBlocks.<name>.setEnv`

Environment variables and their value to send to the server.

Type: attribute set of (string or path or signed integer or floating point number)

Default: { }

Declared by:

[`<home-manager/modules/programs/ssh.nix>`](#)

`programs.ssh.matchBlocks.<name>.user`

Specifies the user to log in as.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/programs/ssh.nix>`](#)

`programs.ssh.serverAliveCountMax`

Sets the default number of server alive messages which may be sent without SSH receiving any messages back from the server.

Type: positive integer, meaning >0

Default: 3

Declared by:

[`<home-manager/modules/programs/ssh.nix>`](#)

`programs.ssh.serverAliveInterval`

Set default timeout in seconds after which response will be requested.

Type: signed integer

Default: 0

Declared by:

[`<home-manager/modules/programs/ssh.nix>`](#)

`programs.ssh.userKnownHostsFile`

Specifies one or more files to use for the user host key database, separated by whitespace. The default is `~/ .ssh/known_hosts`.

Type: string

Default: `"~/ .ssh/known_hosts"`

Declared by:

[`<home-manager/modules/programs/ssh.nix>`](#)[`programs.starship.enable`](#)

Whether to enable starship.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/starship.nix>`](#)[`programs.starship.enableBashIntegration`](#)

Whether to enable Bash integration.

Type: boolean

Default: true

Example: true

Declared by:

[`<home-manager/modules/programs/starship.nix>`](#)[`programs.starship.enableFishIntegration`](#)

Whether to enable Fish integration.

Type: boolean

Default: true

Example: true

Declared by:

[`<home-manager/modules/programs/starship.nix>`](#)[`programs.starship.enableIonIntegration`](#)

Whether to enable Ion integration.

Type: boolean

Default: true

Example: true

Declared by:

[<home-manager/modules/programs/starship.nix>](#)

programs.starship.enableNushellIntegration

Whether to enable Nushell integration.

Type: boolean

Default: true

Example: true

Declared by:

[<home-manager/modules/programs/starship.nix>](#)

programs.starship.enableTransience

The TransientPrompt feature of Starship replaces previous prompts with a custom string. This is only a valid option for the Fish shell.

For documentation on how to change the default replacement string and for more information visit <https://starship.rs/advanced-config/#transientprompt-and-transientrightprompt-in-cmd>

Type: boolean

Default: false

Declared by:

[<home-manager/modules/programs/starship.nix>](#)

programs.starship.enableZshIntegration

Whether to enable Zsh integration.

Type: boolean

Default: true

Example: true

Declared by:

[<home-manager/modules/programs/starship.nix>](#)

programs.starship.package

The package to use for the starship binary.

Type: package

Default: pkgs.starship

Declared by:

[<home-manager/modules/programs/starship.nix>](#)

programs.starship.settings

Configuration written to `$XDG_CONFIG_HOME/starship.toml`.

See <https://starship.rs/config/> for the full list of options.

Type: Starship configuration

Default: { }

Example:

```
{  
    add_newline = false;  
    format = lib.concatStrings [  
        "$line_break"  
        "$package"  
        "$line_break"  
        "$character"  
    ];  
    scan_timeout = 10;  
    character = {  
        success_symbol = "→";  
        error_symbol = "→";  
    };  
}
```

Declared by:

[<home-manager/modules/programs/starship.nix>](#)

programs.swaylock.enable

Whether to enable swaylock.

Note that PAM must be configured to enable swaylock to perform authentication. The package installed through home-manager will *not* be able to unlock the session without this configuration.

On NixOS, this is by default enabled with the sway module, but for other compositors it can currently be enabled using:

```
security.pam.services.swaylock = {};
```

Type: boolean

Default:

```
true  if state version < 23.05 and settings ≠ { },
false otherwise
```

Example: true

Declared by:

[<home-manager/modules/programs/swaylock.nix>](#)

programs.swaylock.package

The swaylock package to use.

Type: package

Default: pkgs.swaylock

Declared by:

[<home-manager/modules/programs/swaylock.nix>](#)

programs.swaylock.settings

Default arguments to **swaylock**. An empty set disables configuration generation.

Type: attribute set of (boolean or floating point number or signed integer or string)

Default: { }

Example:

```
{  
    color = "808080";  
    font-size = 24;  
    indicator-idle-visible = false;  
    indicator-radius = 100;  
    line-color = "ffffff";  
    show-failed-attempts = true;  
}
```

Declared by:

[<home-manager/modules/programs/swaylock.nix>](#)

programs.swayr.enable

Whether to enable the swayr service.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/swayr.nix>](#)

programs.swayr.package

swayr package to use.

Type: package

Default: pkgs.swayr

Declared by:

[<home-manager/modules/programs/swayr.nix>](#)

programs.swayr.extraConfig

Extra configuration lines to append to the swayr configuration file.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[home-manager/modules/programs/swayr.nix](#)[programs.swayr.settings](#)

Configuration included in config.toml. For available options see <https://git.sr.ht/~tsdh/swayr#swayr-configuration>

Type: null or TOML value

Default: { }

Example:

```
menu = {
    executable = "${pkgs.wofi}/bin/wofi";
    args = [
        "--show=dmenu"
        "--allow-markup"
        "--allow-images"
        "--insensitive"
        "--cache-file=/dev/null"
        "--parse-search"
        "--height=40%"
        "--prompt={prompt}"
    ];
};

format = {
    output_format = "{indent}<b>Output {name}</b>      <span alpha=\"20000\">({id})</s
    workspace_format = "{indent}<b>Workspace {name} [{layout}]</b> on output {output}
    container_format = "{indent}<b>Container [{layout}]</b> <i>{marks}</i> on worksp
    window_format = "img:{app_icon}:text:{indent}<i>{app_name}</i> - {urgency_start}-
    indent = "      ";
    urgency_start = "<span background=\"darkred\" foreground=\"yellow\">";
    urgency_end = "</span>";
    html_escape = true;
};

layout = {
    auto_tile = false;
    auto_tile_min_window_width_per_output_width = [
        [ 800 400 ]
        [ 1024 500 ]
        [ 1280 600 ]
    ]
};
```

```
[ 1400 680 ]
[ 1440 700 ]
[ 1600 780 ]
[ 1680 780 ]
[ 1920 920 ]
[ 2048 980 ]
[ 2560 1000 ]
[ 3440 1200 ]
[ 3840 1280 ]
[ 4096 1400 ]
[ 4480 1600 ]
[ 7680 2400 ]
];
};

focus = {
  lockin_delay = 750;
};

misc = {
  seq_inhibit = false;
};
```

Declared by:

[<home-manager/modules/programs/swayr.nix>](#)

[programs.swayr.systemd.enable](#)

Whether to enable swayr systemd integration.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/swayr.nix>](#)

[programs.swayr.systemd.target](#)

Systemd target to bind to.

Type: string

Default: "graphical-session.target"

Declared by:

[`<home-manager/modules/programs/swayr.nix>`](#)

[`programs.taskwarrior.enable`](#)

Whether to enable Task Warrior.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/taskwarrior.nix>`](#)

[`programs.taskwarrior.package`](#)

The taskwarrior package to use.

Type: package

Default: pkgs.taskwarrior

Declared by:

[`<home-manager/modules/programs/taskwarrior.nix>`](#)

[`programs.taskwarrior.colorTheme`](#)

Either one of the default provided theme as string, or a path to a theme configuration file.

Type: null or string or path

Default: null

Example: "dark-blue-256"

Declared by:

[`<home-manager/modules/programs/taskwarrior.nix>`](#)

[`programs.taskwarrior.config`](#)

Key-value configuration written to \$XDG_CONFIG_HOME/task/taskrc.

Type: attribute set of anything

Default: { }

Example:

```
{  
    confirmation = false;  
    report.minimal.filter = "status:pending";  
    report.active.columns = [ "id" "start" "entry.age" "priority" "project" "due" "d  
    report.active.labels  = [ "ID" "Started" "Age" "Priority" "Project" "Due" "Descr  
    taskd = {  
        certificate = "/path/to/cert";  
        key = "/path/to/key";  
        ca = "/path/to/ca";  
        server = "host.domain:53589";  
        credentials = "Org/First Last/cf31f287-ee9e-43a8-843e-e8bbd5de4294";  
    };  
}
```

Declared by:

[<home-manager/modules/programs/taskwarrior.nix>](#)

[programs.taskwarrior.dataLocation](#)

Location where Task Warrior will store its data.

Home Manager will attempt to create this directory.

Type: string

Default: "\$XDG_DATA_HOME/task"

Declared by:

[<home-manager/modules/programs/taskwarrior.nix>](#)

[programs.taskwarrior.extraConfig](#)

Additional content written at the end of \$XDG_CONFIG_HOME/task/taskrc.

Type: strings concatenated with “\n”

Default: ""

Declared by:

[`<home-manager/modules/programs/taskwarrior.nix>`](#)

[`programs.tealdeer.enable`](#)

Whether to enable Tealdeer.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/tealdeer.nix>`](#)

[`programs.tealdeer.settings`](#)

Configuration written to `$XDG_CONFIG_HOME/tealdeer/config.toml` on Linux or `$HOME/Library/Application Support/tealdeer/config.toml` on Darwin. See <https://dbrgn.github.io/tealdeer/config.html> for more information.

Type: TOML value

Default: { }

Example:

```
{  
    display = {  
        compact = false;  
        use_pager = true;  
    };  
    updates = {  
        auto_update = false;  
    };  
};
```

Declared by:

[`<home-manager/modules/programs/tealdeer.nix>`](#)

[`programs.tealdeer.updateOnActivation`](#)

Whether to update tealdeer's cache on activation.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/tealdeer.nix>](#)

programs.terminator.enable

Whether to enable terminator, a tiling terminal emulator.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/terminator.nix>](#)

programs.terminator.package

terminator package to install.

Type: package

Default: <derivation terminator-2.1.3>

Example: pkgs.terminator

Declared by:

[<home-manager/modules/programs/terminator.nix>](#)

programs.terminator.config

configuration for terminator.

For a list of all possible options refer to the terminator_config(5) man page.

Type: attribute set of anything

Default: { }

Example:

```
{  
    global_config.borderless = true;  
    profiles.default.background_color = "#002b36";  
}
```

Declared by:

[`<home-manager/modules/programs/terminator.nix>`](#)

`programs.termite.enable`

Whether to enable Termite VTE-based terminal.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/termite.nix>`](#)

`programs.termite.enableVteIntegration`

Whether to enable Shell VTE integration.

Type: boolean

Default: true

Example: true

Declared by:

[`<home-manager/modules/programs/termite.nix>`](#)

`programs.termite.allowBold`

Allow the output of bold characters when the bold escape sequence appears.

Type: null or boolean

Default: null

Declared by:

[`<home-manager/modules/programs/termite.nix>`](#)

[programs.termite.audibleBell](#)

Have the terminal beep on the terminal bell.

Type: null or boolean

Default: null

Declared by:

[`<home-manager/modules/programs/termite.nix>`](#)

[programs.termite.backgroundColor](#)

Background color value.

Type: null or string

Default: null

Example: "rgba(63, 63, 63, 0.8)"

Declared by:

[`<home-manager/modules/programs/termite.nix>`](#)

[programs.termite.browser](#)

Set the default browser for opening links. If its not set, \$BROWSER is read. If that's not set, url hints will be disabled.

Type: null or string

Default: null

Example: "\\${pkgs.xdg-utils}/xdg-open"

Declared by:

[`<home-manager/modules/programs/termite.nix>`](#)

[programs.termite.clickableUrl](#)

Auto-detected URLs can be clicked on to open them in your browser. Only enabled if a browser is configured or detected.

Type: null or boolean

Default: null

Declared by:

[`<home-manager/modules/programs/termite.nix>`](#)[`programs.termite.colorsExtra`](#)

Extra colors options that should be added to [colors] section.

Type: strings concatenated with “\n”

Default: “ ”

Example:

```
color0 = #3f3f3f
color1 = #705050
color2 = #60b48a
```

Declared by:

[`<home-manager/modules/programs/termite.nix>`](#)[`programs.termite.cursorBlink`](#)

Specify the how the terminal’s cursor should behave. Accepts system to respect the gtk global configuration, on and off to explicitly enable or disable them.

Type: null or one of “system”, “on”, “off”

Default: null

Example: “system”

Declared by:

[`<home-manager/modules/programs/termite.nix>`](#)[`programs.termite.cursorColor`](#)

Cursor color value.

Type: null or string

Default: null

Example: “#dcdccc”

Declared by:

[`<home-manager/modules/programs/termite.nix>`](#)[`programs.termite.cursorForegroundColor`](#)

Cursor foreground color value.

Type: null or string

Default: null

Example: "#dcdccc"

Declared by:

[`<home-manager/modules/programs/termite.nix>`](#)[`programs.termite.cursorShape`](#)

Specify how the cursor should look. Accepts block, ibeam and underline.

Type: null or one of "block", "underline", "ibeam"

Default: null

Example: "block"

Declared by:

[`<home-manager/modules/programs/termite.nix>`](#)[`programs.termite.dynamicTitle`](#)

Settings dynamic title allows the terminal and the shell to update the terminal's title.

Type: null or boolean

Default: null

Declared by:

[`<home-manager/modules/programs/termite.nix>`](#)[`programs.termite.filterUnmatchedUrls`](#)

Whether to hide url hints not matching input in url hints mode.

Type: null or boolean

Default: null

Declared by:

[`<home-manager/modules/programs/termite.nix>`](#)[`programs.termite.font`](#)

The font description for the terminal's font.

Type: null or string

Default: null

Example: "Monospace 12"

Declared by:

[`<home-manager/modules/programs/termite.nix>`](#)[`programs.termite.foregroundBoldColor`](#)

Foreground bold color value.

Type: null or string

Default: null

Example: "#ffffff"

Declared by:

[`<home-manager/modules/programs/termite.nix>`](#)[`programs.termite.foregroundColor`](#)

Foreground color value.

Type: null or string

Default: null

Example: "#dcdccc"

Declared by:

[`<home-manager/modules/programs/termite.nix>`](#)[`programs.termite.fullscreen`](#)

Enables entering fullscreen mode by pressing F11.

Type: null or boolean

Default: null

Declared by:

[`<home-manager/modules/programs/termite.nix>`](#)

[`programs.termite.geometry`](#)

The default window geometry for new terminal windows.

Type: null or string

Default: null

Example: "640x480"

Declared by:

[`<home-manager/modules/programs/termite.nix>`](#)

[`programs.termite.highlightColor`](#)

highlight color value.

Type: null or string

Default: null

Example: "#2f2f2f"

Declared by:

[`<home-manager/modules/programs/termite.nix>`](#)

[`programs.termite.hintsActiveBackgroundColor`](#)

Hints active background color value.

Type: null or string

Default: null

Example: "#3f3f3f"

Declared by:

[`<home-manager/modules/programs/termite.nix>`](#)

[`programs.termite.hintsActiveForegroundColor`](#)

Hints active foreground color value.

Type: null or string

Default: null

Example: "#e68080"

Declared by:

[`<home-manager/modules/programs/termite.nix>`](#)

`programs.termite.hintsBackgroundColor`

Hints background color value.

Type: null or string

Default: null

Example: "#3f3f3f"

Declared by:

[`<home-manager/modules/programs/termite.nix>`](#)

`programs.termite.hintsBorderColor`

Hints border color value.

Type: null or string

Default: null

Example: "#3f3f3f"

Declared by:

[`<home-manager/modules/programs/termite.nix>`](#)

`programs.termite.hintsBorderWidth`

Hints border width.

Type: null or string

Default: null

Example: "0.5"

Declared by:

[`<home-manager/modules/programs/termite.nix>`](#)

`programs.termite.hintsExtra`

Extra hints options that should be added to [hints] section.

Type: strings concatenated with “\n”

Default: “ ”

Example: "border = #3f3f3f"

Declared by:

[<home-manager/modules/programs/termite.nix>](#)

programs.termite.hintsFont

The font description for the hints font.

Type: null or string

Default: null

Example: "Monospace 12"

Declared by:

[<home-manager/modules/programs/termite.nix>](#)

programs.termite.hintsForegroundColor

Hints foreground color value.

Type: null or string

Default: null

Example: "#dcdccc"

Declared by:

[<home-manager/modules/programs/termite.nix>](#)

programs.termite.hintsPadding

Hints padding.

Type: null or signed integer

Default: null

Example: 2

Declared by:

[`<home-manager/modules/programs/termite.nix>`](#)[`programs.termite.hintsRoundness`](#)

Hints roundness.

Type: null or string

Default: null

Example: "0.2"

Declared by:

[`<home-manager/modules/programs/termite.nix>`](#)[`programs.termite.iconName`](#)

The name of the icon to be used for the terminal process.

Type: null or string

Default: null

Example: "terminal"

Declared by:

[`<home-manager/modules/programs/termite.nix>`](#)[`programs.termite.modifyOtherKeys`](#)

Emit escape sequences for extra keys, like the modifyOtherKeys resource for xterm(1).

Type: null or boolean

Default: null

Declared by:

[`<home-manager/modules/programs/termite.nix>`](#)[`programs.termite.mouseAutohide`](#)

Automatically hide the mouse pointer when you start typing.

Type: null or boolean

Default: null

Declared by:

[`<home-manager/modules/programs/termite.nix>`](#)[`programs.termite.optionsExtra`](#)

Extra options that should be added to [options] section.

Type: strings concatenated with “\n”

Default: “ ”

Example: “fullscreen = true”

Declared by:

[`<home-manager/modules/programs/termite.nix>`](#)[`programs.termite.scrollOnKeystroke`](#)

Scroll to the bottom automatically when a key is pressed.

Type: null or boolean

Default: null

Declared by:

[`<home-manager/modules/programs/termite.nix>`](#)[`programs.termite.scrollOnOutput`](#)

Scroll to the bottom when the shell generates output.

Type: null or boolean

Default: null

Declared by:

[`<home-manager/modules/programs/termite.nix>`](#)[`programs.termite.scrollbackLines`](#)

Set the number of lines to limit the terminal’s scrollback.

Type: null or signed integer

Default: null

Example: 10000

Declared by:

[<home-manager/modules/programs/termite.nix>](#)[programs.termite.scrollbar](#)

Scrollbar position.

Type: null or one of “off”, “left”, “right”

Default: null

Declared by:

[<home-manager/modules/programs/termite.nix>](#)[programs.termite.searchWrap](#)

Search from top again when you hit the bottom.

Type: null or boolean

Default: null

Declared by:

[<home-manager/modules/programs/termite.nix>](#)[programs.termite.sizeHints](#)

Enable size hints. Locks the terminal resizing to increments of the terminal’s cell size. Requires a window manager that respects scroll hints.

Type: null or boolean

Default: null

Declared by:

[<home-manager/modules/programs/termite.nix>](#)[programs.termite.urgentOnBell](#)

Sets the window as urgent on the terminal bell.

Type: null or boolean

Default: null

Declared by:

[<home-manager/modules/programs/termite.nix>](#)

[programs.texlive.enable](#)

Whether to enable TeX Live.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/texlive.nix>](#)

[programs.texlive.package](#)

Resulting customized TeX Live package.

Type: package (*read only*)

Declared by:

[<home-manager/modules/programs/texlive.nix>](#)

[programs.texlive.packageSet](#)

TeX Live package set to use.

Type: unspecified value

Default: pkgs.texlive

Declared by:

[<home-manager/modules/programs/texlive.nix>](#)

[programs.texlive.extraPackages](#)

Extra packages available to TeX Live.

Type: unspecified value

Default: "tpkgs: { inherit (tpkgs) collection-basic; }"

Example:

```
tpkgs: { inherit (tpkgs) collection-fontsrecommended algorithms; }
```

Declared by:

[`<home-manager/modules/programs/texlive.nix>`](#)

`programs.thefuck.enable`

Whether to enable thefuck - magnificent app that corrects your previous console command.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/thefuck.nix>`](#)

`programs.thefuck.enableBashIntegration`

Whether to enable Bash integration.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/thefuck.nix>`](#)

`programs.thefuck.enableFishIntegration`

Whether to enable Fish integration.

Type: boolean

Default: true

Example: true

Declared by:

[`<home-manager/modules/programs/thefuck.nix>`](#)

`programs.thefuck.enableInstantMode`

Whether to enable thefuck's experimental instant mode.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/thefuck.nix>](#)

programs.thefuck.enableZshIntegration

Whether to enable Zsh integration.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/thefuck.nix>](#)

programs.thefuck.package

The thefuck package to use.

Type: package

Default: pkgs.thefuck

Declared by:

[<home-manager/modules/programs/thefuck.nix>](#)

programs.thunderbird.enable

Whether to enable Thunderbird.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/thunderbird.nix>](#)

programs.thunderbird.package

The Thunderbird package to use.

Type: package

Default: pkgs.thunderbird

Example: pkgs.thunderbird-91

Declared by:

[<home-manager/modules/programs/thunderbird.nix>](#)

programs.thunderbird.profiles

Attribute set of Thunderbird profiles.

Type: attribute set of (submodule)

Declared by:

[<home-manager/modules/programs/thunderbird.nix>](#)

programs.thunderbird.profiles.<name>.extraConfig

Extra preferences to add to user.js.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[<home-manager/modules/programs/thunderbird.nix>](#)

programs.thunderbird.profiles.<name>.isDefault

Whether this is a default profile. There must be exactly one default profile.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/thunderbird.nix>](#)

programs.thunderbird.profiles.<name>.name

This profile’s name.

Type: string (*read only*)

Default: “<name>”

Declared by:

[`<home-manager/modules/programs/thunderbird.nix>`](#)[`programs.thunderbird.profiles.<name>.settings`](#)

Preferences to add to this profile's `user.js`.

Type: attribute set of (boolean or signed integer or string)

Default: { }

Example:

```
{  
    "mail.spellcheck.inline" = false;  
}
```

Declared by:

[`<home-manager/modules/programs/thunderbird.nix>`](#)[`programs.thunderbird.profiles.<name>.userChrome`](#)

Custom Thunderbird user chrome CSS.

Type: strings concatenated with “\n”

Default: ""

Example:

```
/* Hide tab bar in Thunderbird */  
#tabs-toolbar {  
    visibility: collapse !important;  
}  
/*
```

Declared by:

[`<home-manager/modules/programs/thunderbird.nix>`](#)[`programs.thunderbird.profiles.<name>.userContent`](#)

Custom Thunderbird user content CSS.

Type: strings concatenated with “\n”

Default: “ ”

Example:

```
/* Hide scrollbar on Thunderbird pages */
*{scrollbar-width:none !important}
```

Declared by:

[<home-manager/modules/programs/thunderbird.nix>](#)

programs.thunderbird.profiles.<name>.withExternalGnupg

Allow using external GPG keys with GPGME.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/thunderbird.nix>](#)

programs.thunderbird.settings

Attribute set of Thunderbird preferences to be added to all profiles.

Type: attribute set of (boolean or signed integer or string)

Default: { }

Example:

```
{  
  "general.useragent.override" = "";  
  "privacy.donottrackheader.enabled" = true;  
}
```

Declared by:

[<home-manager/modules/programs/thunderbird.nix>](#)

programs.timidity.enable

Whether to enable timidity, a software MIDI renderer.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/timidity.nix>](#)

programs.timidity.package

The timidity package to use.

Type: package

Default: pkgs.timidity

Declared by:

[<home-manager/modules/programs/timidity.nix>](#)

programs.timidity.extraConfig

Extra configuration.

Type: strings concatenated with “\n”

Default: “ ”

Example:

..

```
soundfont ${pkgs.soundfont-fluid}/share/soundfonts/FluidR3_GM2-2.sf2
```

Declared by:

[<home-manager/modules/programs/timidity.nix>](#)

[programs.timidity.finalPackage](#)

Resulting package.

Type: package (*read only*)

Declared by:

[<home-manager/modules/programs/timidity.nix>](#)

[programs.tint2.enable](#)

Whether to enable tint2, a simple, unobtrusive and light panel for Xorg.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/tint2.nix>](#)

[programs.tint2.package](#)

Tint2 package to install.

Type: package

Default: pkgs.tint2

Declared by:

[<home-manager/modules/programs/tint2.nix>](#)

[programs.tint2.extraConfig](#)

Commands for tint2 that will be add to the tint2rc file.

Type: strings concatenated with “\n”

Default: ""

Declared by:

[<home-manager/modules/programs/tint2.nix>](#)

programs.tiny.enable

Whether to enable tiny, a TUI IRC client written in Rust.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/tiny.nix>](#)

programs.tiny.package

The **tiny** package to install.

Type: package

Default: pkgs.tiny

Declared by:

[<home-manager/modules/programs/tiny.nix>](#)

programs.tiny.settings

Configuration written to \$XDG_CONFIG_HOME/tiny/config.yml. See <https://github.com/osa1/tiny/blob/master/crates/tiny/config.yml> for the default configuration.

Type: YAML value

Default: { }

Example:

```
{  
    servers = [  
        {  
            addr = "irc.libera.chat";  
            port = 6697;  
            tls = true;
```

```
    realname = "John Doe";
    nicks = [ "tinyuser" ];
}
];
defaults = {
  nicks = [ "tinyuser" ];
  realname = "John Doe";
  join = [];
  tls = true;
};
};
```

Declared by:

[<home-manager/modules/programs/tiny.nix>](#)

programs.tmate.enable

Whether to enable tmate.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/tmate.nix>](#)

programs.tmate.package

The tmate package to install.

Type: package

Default: pkgs.tmate

Example: pkgs.tmate

Declared by:

[<home-manager/modules/programs/tmate.nix>](#)

programs.tmate.dsaFingerprint

Tmate server EdDSA key fingerprint.

Type: null or string

Default: null

Declared by:

<home-manager/modules/programs/tmate.nix>

programs.tmate.extraConfig

Additional content written at the end of `~/.tmate.conf`.

Type: strings concatenated with “\n”

Default: ""

Declared by:

<home-manager/modules/programs/tmate.nix>

programs.tmate.host

Tmate server address.

Type: null or string

Default: null

Example: tmate.io

Declared by:

```
<home-manager/modules/programs/tmate.nix>
```

programs.tmate.port

Tmate server port.

Type: null or 16 bit unsigned integer; between 0 and 65535 (both inclusive)

Default: null

Example: 2222

Declared by:

```
<home-manager/modules/programs/tmate.nix>
```

`programs.tmate.rsaFingerprint`

Tmate server RSA key fingerprint.

Type: null or string

Default: null

Declared by:

<home-manager/modules/programs/tmate.nix>

programs.tmux.enable

Whether to enable tmux.

Type: boolean

Default: false

Example: true

Declared by:

```
<home-manager/modules/programs/tmux.nix>
```

programs.tmx.package

The tmux package to install

Type: package

Default: pkgs.tmux

Example: pkgs.tmux

Declared by:

```
<home-manager/modules/programs/tmux.nix>
```

programs.tmux.aggressiveResize

Resize the window to the size of the smallest session for which it is the current window.

Type: boolean

Default: false

Declared by:

```
<home-manager/modules/programs/tmux.nix>
```

programs.tmux.baseIndex

Base index for windows and panes.

Type: unsigned integer, meaning >=0

Default: 0

Example: 1

Declared by:

[<home-manager/modules/programs/tmux.nix>](#)

programs.tmux.clock24

Use 24 hour clock.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/programs/tmux.nix>](#)

programs.tmux.customPaneNavigationAndResize

Override the hjkl and HJKL bindings for pane navigation and resizing in VI mode.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/programs/tmux.nix>](#)

programs.tmux.disableConfirmationPrompt

Disable confirmation prompt before killing a pane or window

Type: boolean

Default: false

Declared by:

[<home-manager/modules/programs/tmux.nix>](#)

programs.tmux.escapeTime

Time in milliseconds for which tmux waits after an escape is input.

Type: unsigned integer, meaning ≥ 0

Default: 500

Example: 0

Declared by:

[<home-manager/modules/programs/tmux.nix>](#)

programs.tmux.extraConfig

Additional configuration to add to `tmux.conf`.

Type: strings concatenated with “`\n`”

Default: “ ”

Declared by:

[<home-manager/modules/programs/tmux.nix>](#)

programs.tmux.historyLimit

Maximum number of lines held in window history.

Type: positive integer, meaning > 0

Default: 2000

Example: 5000

Declared by:

[<home-manager/modules/programs/tmux.nix>](#)

programs.tmux.keyMode

VI or Emacs style shortcuts.

Type: one of “emacs”, “vi”

Default: “emacs”

Example: “vi”

Declared by:

[<home-manager/modules/programs/tmux.nix>](#)

programs.tmux.mouse

Whether to enable mouse support.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/tmux.nix>](#)

programs.tmux.newSession

Automatically spawn a session if trying to attach and none are running.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/programs/tmux.nix>](#)

programs.tmux.plugins

List of tmux plugins to be included at the end of your tmux configuration. The sensible plugin, however, is defaulted to run at the top of your configuration.

Type: list of plugin packages or submodules

Default: []

Example:

```
with pkgs; [
  tmuxPlugins.cpu
  {
    plugin = tmuxPlugins.resurrect;
    extraConfig = "set -g @resurrect-strategy-nvim 'session'";
  }
  {
    plugin = tmuxPlugins.continuum;
    extraConfig = ''
      set -g @continuum-restore 'on'
      set -g @continuum-save-interval '60' # minutes
  }
]
```

```
        ";
    }
]
```

Declared by:

[<home-manager/modules/programs/tmux.nix>](#)

programs.tmux.prefix

Set the prefix key. Overrules the “shortcut” option when set.

Type: null or string

Default: null

Example: "C-a"

Declared by:

[<home-manager/modules/programs/tmux.nix>](#)

programs.tmux.resizeAmount

Number of lines/columns when resizing.

Type: positive integer, meaning >0

Default: 5

Example: 10

Declared by:

[<home-manager/modules/programs/tmux.nix>](#)

programs.tmux.reverseSplit

Reverse the window split shortcuts.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/programs/tmux.nix>](#)

programs.tmux.secureSocket

Store tmux socket under / run, which is more secure than / tmp, but as a downside it doesn't survive user logout.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/tmux.nix>`](#)

[programs.tmux.sensibleOnTop](#)

Run the sensible plugin at the top of the configuration. It is possible to override the sensible settings using the `programs.tmux.extraConfig` option.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/tmux.nix>`](#)

[programs.tmux.shell](#)

Set the default-shell tmux variable.

Type: null or string

Default: null

Example: "`\${pkgs.zsh}/bin/zsh`"

Declared by:

[`<home-manager/modules/programs/tmux.nix>`](#)

[programs.tmux.shortcut](#)

CTRL following by this key is used as the main shortcut.

Type: string

Default: "b"

Example: "a"

Declared by:

[`<home-manager/modules/programs/tmux.nix>`](#)

programs.tmux.terminal

Set the \$TERM variable.

Type: string

Default: "screen"

Example: "screen-256color"

Declared by:

[<home-manager/modules/programs/tmux.nix>](#)

programs.tmux.tmuxinator.enable

Whether to enable tmuxinator.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/tmux.nix>](#)

programs.tmux.tmuxp.enable

Whether to enable tmuxp.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/tmux.nix>](#)

programs.topgrade.enable

Whether to enable topgrade.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/topgrade.nix>`](#)

[programs.topgrade.package](#)

The package to use for the topgrade binary.

Type: package

Default: `pkgs.topgrade`

Declared by:

[`<home-manager/modules/programs/topgrade.nix>`](#)

[programs.topgrade.settings](#)

Configuration written to `$XDG_CONFIG_HOME/topgrade.toml`.

See <https://github.com/r-darwish/topgrade/wiki/Step-list> for the full list of options.

Type: TOML value

Default: `{ }`

Example:

```
{
  assume_yes = true;
  disable = [
    "flutter"
    "node"
  ];
  set_title = false;
  cleanup = true;
  commands = {
    "Run garbage collection on Nix store" = "nix-collect-garbage";
  };
}
```

Declared by:

[`<home-manager/modules/programs/topgrade.nix>`](#)

programs.translate-shell.enable

Whether to enable translate-shell.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/translate-shell.nix>`](#)

programs.translate-shell.settings

Options to add to \$XDG_CONFIG_HOME/translate-shell/init.trans file. See <https://github.com/soimort/translate-shell/wiki/Configuration> for options.

Type: attribute set of (boolean or string or list of string)

Default: { }

Example:

```
{  
  hl = "en";  
  tl = [  
    "es"  
    "fr"  
  ];  
  verbose = true;  
}
```

Declared by:

[`<home-manager/modules/programs/translate-shell.nix>`](#)

programs.urxvt.enable

Whether to enable rxvt-unicode terminal emulator.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/urxvt.nix>`](#)

[programs.urxvt.package](#)

rxvt-unicode package to install.

Type: package

Default: pkgs.rxvt-unicode

Declared by:

[`<home-manager/modules/programs/urxvt.nix>`](#)

[programs.urxvt.extraConfig](#)

Additional configuration to add.

Type: attribute set of anything

Default: { }

Example:

```
{  
    shading = 15;  
}
```

Declared by:

[`<home-manager/modules/programs/urxvt.nix>`](#)

[programs.urxvt.fonts](#)

List of fonts to be used.

Type: list of string

Default: []

Example:

```
[  
    "xft:Droid Sans Mono Nerd Font:size=9"
```

]

Declared by:

[<home-manager/modules/programs/urxvt.nix>](#)

programs.urxvt.iso14755

ISO14755 support for viewing and entering unicode characters.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/urxvt.nix>](#)

programs.urxvt.keybindings

Mapping of keybindings to actions

Type: attribute set of string

Default: { }

Example:

```
{  
    "Shift-Control-C" = "eval:selection_to_clipboard";  
    "Shift-Control-V" = "eval:paste_clipboard";  
}
```

Declared by:

[<home-manager/modules/programs/urxvt.nix>](#)

programs.urxvt.scroll.bar

Scrollbar settings.

Type: submodule

Default: { }

Declared by:

[`<home-manager/modules/programs/urxvt.nix>`](#)

`programs.urxvt.scroll.bar.enable`

Whether to enable the scrollbar

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/urxvt.nix>`](#)

`programs.urxvt.scroll.bar.align`

Scrollbar alignment.

Type: one of “top”, “bottom”, “center”

Default: "center"

Declared by:

[`<home-manager/modules/programs/urxvt.nix>`](#)

`programs.urxvt.scroll.bar.floating`

Whether to display an rxvt scrollbar without a trough.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/urxvt.nix>`](#)

`programs.urxvt.scroll.bar.position`

Scrollbar position.

Type: one of “left”, “right”

Default: "right"

Declared by:

[`<home-manager/modules/programs/urxvt.nix>`](#)

programs.urxvt.scroll.bar.style

Scrollbar style.

Type: one of “rxvt”, “plain”, “next”, “xterm”

Default: “plain”

Declared by:

[<home-manager/modules/programs/urxvt.nix>](#)

programs.urxvt.scroll.keepPosition

Whether to keep a scroll position when TTY receives new lines.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/urxvt.nix>](#)

programs.urxvt.scroll.lines

Number of lines to save in the scrollback buffer.

Type: unsigned integer, meaning ≥ 0

Default: 10000

Declared by:

[<home-manager/modules/programs/urxvt.nix>](#)

programs.urxvt.scroll.scrollOnKeystroke

Whether to scroll to bottom on keyboard input.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/urxvt.nix>](#)

programs.urxvt.scroll.scrollOnOutput

Whether to scroll to bottom on TTY output.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/programs/urxvt.nix>`](#)

[`programs.urxvt.shading`](#)

Darken (0 to 99) or lighten (101 to 200) the transparent background.

Type: integer between 0 and 200 (both inclusive)

Default: 100

Declared by:

[`<home-manager/modules/programs/urxvt.nix>`](#)

[`programs.urxvt.transparent`](#)

Whether to enable pseudo-transparency.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/programs/urxvt.nix>`](#)

[`programs.vdirsyncer.enable`](#)

Whether to enable vdirsyncer.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/vdirsyncer.nix>`](#)

[`programs.vdirsyncer.package`](#)

vdirsyncer package to use.

Type: package

Default: "pkgs.vdirsyncer"

Declared by:

[<home-manager/modules/programs/vdirsyncer.nix>](#)

programs.vdirsyncer.statusPath

A directory where vdirsyncer will store some additional data for the next sync.

For more information, see the [vdirsyncer manual](#).

Type: string

Default: "\$XDG_DATA_HOME/vdirsyncer/status"

Declared by:

[<home-manager/modules/programs/vdirsyncer.nix>](#)

programs.vim.enable

Whether to enable Vim.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/vim.nix>](#)

programs.vim.package

Resulting customized vim package

Type: package (*read only*)

Declared by:

[<home-manager/modules/programs/vim.nix>](#)

programs.vim.packageConfigurable

Vim package to customize

Type: package

Default: pkgs.vim-full

Example: pkgs.vim

Declared by:

[<home-manager/modules/programs/vim.nix>](#)

[programs.vim.defaultEditor](#)

Whether to configure **vim** as the default editor using the EDITOR environment variable.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/programs/vim.nix>](#)

[programs.vim.extraConfig](#)

Custom .vimrc lines

Type: strings concatenated with “\n”

Default: “ ”

Example:

```
    ...
    set nocompatible
    set nobackup
    ...
```

Declared by:

[<home-manager/modules/programs/vim.nix>](#)

[programs.vim.plugins](#)

List of vim plugins to install. To get a list of supported plugins run: **nix-env -f '<nixpkgs>' -qaP -A vimPlugins.**

Note: String values are deprecated, please use actual packages.

Type: list of (string or package)

Default:

```
[  
  <derivation vimplugin-vim-sensible-2023-03-29>  
]
```

Example: [pkgs.vimPlugins.YankRing]

Declared by:

[<home-manager/modules/programs/vim.nix>](#)

[programs.vim.settings](#)

At attribute set of Vim settings. The attribute names and corresponding values must be among the following supported options.

background

one of “dark”, “light”

backupdir

list of string

copyindent

boolean

directory

list of string

expandtab

boolean

hidden

boolean

history

signed integer

ignorecase

boolean

modeline

boolean
mouse
one of “n”, “v”, “i”, “c”, “h”, “a”, “r”
mousefocus
boolean
mousehide
boolean
mousemodel
one of “extend”, “popup”, “popup_setpos”
number
boolean
relativenumber
boolean
shiftwidth
signed integer
smartcase
boolean
tabstop
signed integer
undodir
list of string
undofile
boolean

See the Vim documentation for detailed descriptions of these options. Use [programs.vim.extraConfig](#) to manually set any options not listed above.

Type: submodule

Default: { }

Example:

```
{  
    expandtab = true;  
    history = 1000;  
    background = "dark";  
}
```

Declared by:

[<home-manager/modules/programs/vim.nix>](#)

programs.vim-vint.enable

Whether to enable the Vint linter for Vimscript.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/vim-vint.nix>](#)

programs.vim-vint.package

The vim-vint package to use.

Type: package

Default: pkgs.vim-vint

Declared by:

[<home-manager/modules/programs/vim-vint.nix>](#)

programs.vim-vint.settings

Configuration written to \$XDG_CONFIG_HOME/.vintrc.yaml

Type: YAML value

Default: { }

Declared by:

[`<home-manager/modules/programs/vim-vint.nix>`](#)

`programs.vscode.enable`

Whether to enable Visual Studio Code.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/vscode.nix>`](#)

`programs.vscode.enableExtensionUpdateCheck`

Whether to enable update notifications for extensions.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/vscode.nix>`](#)

`programs.vscode.enableUpdateCheck`

Whether to enable update checks/notifications.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/vscode.nix>`](#)

`programs.vscode.package`

Version of Visual Studio Code to install.

Type: package

Default: pkgs.vscode

Example: pkgs.vscodium

Declared by:

[<home-manager/modules/programs/vscode.nix>](#)

programs.vscode.extensions

The extensions Visual Studio Code should be started with.

Type: list of package

Default: []

Example: [pkgs.vscode-extensions.bbenoist.nix]

Declared by:

[<home-manager/modules/programs/vscode.nix>](#)

programs.vscode.globalSnippets

Defines global user snippets.

Type: JSON value

Default: { }

Example:

```
{  
    fixme = {  
        body = [  
            "$LINE COMMENT FIXME: $0"  
        ];  
        description = "Insert a FIXME remark";  
        prefix = [  
            "fixme"  
        ];  
    };  
}
```

Declared by:

[<home-manager/modules/programs/vscode.nix>](#)

programs.vscode.haskell.enable

Whether to enable Haskell integration for Visual Studio Code.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/vscode/haskell.nix>](#)

programs.vscode.haskell.hie.enable

Whether to enable Haskell IDE engine integration.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/vscode/haskell.nix>](#)

programs.vscode.haskell.hie.executablePath

The path to the Haskell IDE Engine executable.

Because hie-nix is not packaged in Nixpkgs, you need to add it as an overlay or set this option.

Example overlay configuration:

```
nixpkgs.overlays = [
  (self: super: { hie-nix = import ~/src/hie-nix {}; })
]
```

Type: path

Default: "\${pkgs.hie-nix.hies}/bin/hie-wrapper"

Example:

```
(import ~/src/haskell-ide-engine {}).hies + "/bin/hie-wrapper";
```

Declared by:

[`<home-manager/modules/programs/vscode/haskell.nix>`](#)[`programs.vscode.keybindings`](#)

Keybindings written to Visual Studio Code's `keybindings.json`.

Type: list of (submodule)

Default: []

Example:

```
[  
 {  
   key = "ctrl+c";  
   command = "editor.action.clipboardCopyAction";  
   when = "textInputFocus";  
 }  
]
```

Declared by:

[`<home-manager/modules/programs/vscode.nix>`](#)[`programs.vscode.keybindings.*.args`](#)

Optional arguments for a command.

Type: null or JSON value

Default: null

Example:

```
{  
   direction = "up";  
 }
```

Declared by:

[`<home-manager/modules/programs/vscode.nix>`](#)

programs.vscode.keybindings.*.command

The VS Code command to execute.

Type: string

Example: "editor.action.clipboardCopyAction"

Declared by:

[<home-manager/modules/programs/vscode.nix>](#)

programs.vscode.keybindings.*.key

The key or key-combination to bind.

Type: string

Example: "ctrl+c"

Declared by:

[<home-manager/modules/programs/vscode.nix>](#)

programs.vscode.keybindings.*.when

Optional context filter.

Type: null or string

Default: null

Example: "textInputFocus"

Declared by:

[<home-manager/modules/programs/vscode.nix>](#)

programs.vscode.languageSnippets

Defines user snippets for different languages.

Type: JSON value

Default: { }

Example:

```
{  
  haskell = {
```

```
fixme = {
  body = [
    "$LINE_COMMENT FIXME: $0"
  ];
  description = "Insert a FIXME remark";
  prefix = [
    "fixme"
  ];
};
};
```

Declared by:

[<home-manager/modules/programs/vscode.nix>](#)

programs.vscode.mutableExtensionsDir

Whether extensions can be installed or updated manually or by Visual Studio Code.

Type: boolean

Default: true

Example: false

Declared by:

[<home-manager/modules/programs/vscode.nix>](#)

programs.vscode.userSettings

Configuration written to Visual Studio Code's settings.json.

Type: JSON value

Default: { }

Example:

```
{
  "files.autoSave" = "off";
  "[nix]".editor.tabSize" = 2;
}
```

Declared by:

[`<home-manager/modules/programs/vscode.nix>`](#)

[programs.vscode.userTasks](#)

Configuration written to Visual Studio Code's `tasks.json`.

Type: JSON value

Default: `{ }`

Example:

```
{
  version = "2.0.0";
  tasks = [
    {
      type = "shell";
      label = "Hello task";
      command = "hello";
    }
  ];
}
```

Declared by:

[`<home-manager/modules/programs/vscode.nix>`](#)

[programs.watson.enable](#)

Whether to enable watson, a wonderful CLI to track your time.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/watson.nix>`](#)

[programs.watson.enableBashIntegration](#)

Whether to enable watson's bash integration.

Type: boolean

Default: true

Example: true

Declared by:

[<home-manager/modules/programs/watson.nix>](#)

programs.watson.enableFishIntegration

Whether to enable watson's fish integration.

Type: boolean

Default: true

Example: true

Declared by:

[<home-manager/modules/programs/watson.nix>](#)

programs.watson.enableZshIntegration

Whether to enable watson's zsh integration.

Type: boolean

Default: true

Example: true

Declared by:

[<home-manager/modules/programs/watson.nix>](#)

programs.watson.package

Package providing the **watson**.

Type: package

Default: pkgs.watson

Declared by:

[<home-manager/modules/programs/watson.nix>](#)

programs.watson.settings

Configuration written to `$XDG_CONFIG_HOME/watson/config` on Linux or `$HOME/Library/Application Support/watson/config` on Darwin.

See <https://github.com/TailorDev/Watson/blob/master/docs/user-guide/configuration.md> for an example configuration.

Type: attribute set of attribute set of (INI atom (null, bool, int, float or string))

Default: { }

Example:

```
{  
    backend = {  
        url = "https://api.crick.fr";  
        token = "yourapitoken";  
    };  
  
    options = {  
        stop_on_start = true;  
        stop_on_restart = false;  
        date_format = "%Y.%m.%d";  
        time_format = "%H:%M:%S%z";  
        week_start = "monday";  
        log_current = false;  
        pager = true;  
        report_current = false;  
        reverse_log = true;  
    };  
}
```

Declared by:

[`<home-manager/modules/programs/watson.nix>`](#)

[programs.waybar.enable](#)

Whether to enable Waybar.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/waybar.nix>](#)

programs.waybar.package

Waybar package to use. Set to null to use the default package.

Type: package

Default: pkgs.waybar

Declared by:

[<home-manager/modules/programs/waybar.nix>](#)

programs.waybar.settings

Configuration for Waybar, see <https://github.com/Alexays/Waybar/wiki/Configuration> for supported values.

Type: (list of (JSON value)) or attribute set of (JSON value)

Default: []

Example:

```
{  
  mainBar = {  
    layer = "top";  
    position = "top";  
    height = 30;  
    output = [  
      "eDP-1"  
      "HDMI-A-1"  
    ];  
    modules-left = [ "sway/workspaces" "sway/mode" "wlr/taskbar" ];  
    modules-center = [ "sway/window" "custom/hello-from-waybar" ];  
    modules-right = [ "mpd" "custom/mymodule#with-css-id" "temperature" ];  
  
    "sway/workspaces" = {  
      disable-scroll = true;  
      all-outputs = true;  
    };  
    "custom/hello-from-waybar" = {  
      format = "hello {}";  
    };  
  };  
}
```

```
    max-length = 40;
    interval = "once";
    exec = pkgs.writeShellScript "hello-from-waybar" ''
      echo "from within waybar"
    '';
  };
};

}
```

Declared by:

[<home-manager/modules/programs/waybar.nix>](#)

[programs.waybar.style](#)

CSS style of the bar.

See <https://github.com/Alexays/Waybar/wiki/Configuration> for the documentation.

If the value is set to a path literal, then the path will be used as the css file.

Type: null or path or strings concatenated with “\n”

Default: null

Example:

```
...
*
* {
  border: none;
  border-radius: 0;
  font-family: Source Code Pro;
}
window#waybar {
  background: #16191C;
  color: #AAB2BF;
}
#workspaces button {
  padding: 0 5px;
}
...
```

Declared by:

[`<home-manager/modules/programs/waybar.nix>`](#)

[`programs.waybar.systemd.enable`](#)

Whether to enable Waybar systemd integration.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/waybar.nix>`](#)

[`programs.waybar.systemd.target`](#)

The systemd target that will automatically start the Waybar service.

When setting this value to "sway-session.target", make sure to also enable `wayland.windowManager.sway.systemd.enable`, otherwise the service may never be started.

Type: string

Default: "graphical-session.target"

Example: "sway-session.target"

Declared by:

[`<home-manager/modules/programs/waybar.nix>`](#)

[`programs.wezterm.enable`](#)

Whether to enable wezterm.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/wezterm.nix>`](#)

[`programs.wezterm.enableBashIntegration`](#)

Whether to enable WezTerm's Bash integration.

Type: boolean

Default: true

Example: true

Declared by:

[<home-manager/modules/programs/wezterm.nix>](#)

programs.wezterm.enableZshIntegration

Whether to enable WezTerm's Zsh integration.

Type: boolean

Default: true

Example: true

Declared by:

[<home-manager/modules/programs/wezterm.nix>](#)

programs.wezterm.package

The Wezterm package to install.

Type: package

Default: pkgs.wezterm

Declared by:

[<home-manager/modules/programs/wezterm.nix>](#)

programs.wezterm.colorSchemes

Attribute set of additional color schemes to be written to `$XDG_CONFIG_HOME/wezterm/colors`, where each key is taken as the name of the corresponding color scheme. See <https://wezfurlong.org/wezterm/config/appearance.html#define-a-color-scheme-in-a-separate-file> for more details of the TOML color scheme format.

Type: attribute set of (TOML value)

Default: { }

Example:

```
myCoolTheme = {
```

```
ansi = [
  "#222222" "#D14949" "#48874F" "#AFA75A"
  "#599797" "#8F6089" "#5C9FA8" "#8C8C8C"
];
brights = [
  "#444444" "#FF6D6D" "#89FF95" "#FFF484"
  "#97DDFF" "#FDAAF2" "#85F5DA" "#E9E9E9"
];
background = "#1B1B1B";
cursor_bg = "#BEAF8A";
cursor_border = "#BEAF8A";
cursor_fg = "#1B1B1B";
foreground = "#BEAF8A";
selection_bg = "#444444";
selection_fg = "#E9E9E9";
};
```

Declared by:

[<home-manager/modules/programs/wezterm.nix>](#)

[programs.wezterm.extraConfig](#)

Extra configuration written to \$XDG_CONFIG_HOME/wezterm/wezterm.lua. See <https://wezfurlong.org/wezterm/config/files.html> how to configure.

Type: strings concatenated with “\n”

Default:

```
;;
return {}
```

Example:

```
-- Your lua code / config here
local mylib = require 'mylib';
return {
  usemylib = mylib.do_fun();
```

```
font = wezterm.font("JetBrains Mono"),
font_size = 16.0,
color_scheme = "Tomorrow Night",
hide_tab_bar_if_only_one_tab = true,
default_prog = { "zsh", "--login", "-c", "tmux attach -t dev || tmux new -s dev"
keys = {
    {key="n", mods="SHIFT|CTRL", action="ToggleFullScreen"},
}
}
```

Declared by:

[<home-manager/modules/programs/wezterm.nix>](#)

programs.wlogout.enable

Whether to enable wlogout.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/wlogout.nix>](#)

programs.wlogout.package

The wlogout package to use.

Type: package

Default: pkgs.wlogout

Declared by:

[<home-manager/modules/programs/wlogout.nix>](#)

programs.wlogout.layout

Layout configuration for wlogout, see <https://github.com/ArtsyMacaw/wlogout#config> for supported values.

Type: list of (JSON value)

Default: []

Example:

```
[  
 {  
   label = "shutdown";  
   action = "systemctl poweroff";  
   text = "Shutdown";  
   keybind = "s";  
 }  
]
```

Declared by:

[<home-manager/modules/programs/wlogout.nix>](#)

programs.wlogout.layout.*.action

Command to execute when clicked.

Type: path or string

Default: ""

Example: "systemctl poweroff"

Declared by:

[<home-manager/modules/programs/wlogout.nix>](#)

programs.wlogout.layout.*.circular

Make button circular.

Type: null or boolean

Default: null

Example: true

Declared by:

[<home-manager/modules/programs/wlogout.nix>](#)

programs.wlogout.layout.*.height

Relative height of tile.

Type: null or integer or floating point number between 0 and 1 (both inclusive)

Default: null

Example: 0.5

Declared by:

[<home-manager/modules/programs/wlogout.nix>](#)

programs.wlogout.layout.*.keybind

Keyboard character to trigger this action.

Type: string

Default: ""

Example: "s"

Declared by:

[<home-manager/modules/programs/wlogout.nix>](#)

programs.wlogout.layout.*.label

CSS label of button.

Type: string

Default: ""

Example: "shutdown"

Declared by:

[<home-manager/modules/programs/wlogout.nix>](#)

programs.wlogout.layout.*.text

Text displayed on button.

Type: string

Default: ""

Example: "Shutdown"

Declared by:

[<home-manager/modules/programs/wlogout.nix>](#)

programs.wlogout.layout.*.width

Relative width of tile.

Type: null or integer or floating point number between 0 and 1 (both inclusive)

Default: null

Example: 0.5

Declared by:

[<home-manager/modules/programs/wlogout.nix>](#)

programs.wlogout.style

CSS style of the bar.

See <https://github.com/ArtsyMacaw/wlogout#style> for the documentation.

If the value is set to a path literal, then the path will be used as the css file.

Type: null or path or string

Default: null

Example:

```
...
window {
    background: #16191C;
}

button {
    color: #AAB2BF;
}
...
```

Declared by:

[<home-manager/modules/programs/wlogout.nix>](#)

programs.wofi.enable

Whether to enable wofi: a launcher/menu program for wlroots based wayland compositors such as sway.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/wofi.nix>](#)

programs.wofi.package

The wofi package to use.

Type: package

Default: pkgs.wofi

Declared by:

[<home-manager/modules/programs/wofi.nix>](#)

programs.wofi.settings

Configuration options for wofi. See wofi(5).

Type: attribute set

Default: { }

Example:

```
{  
    location = "bottom-right";  
    allow_markup = true;  
    width = 250;  
}
```

Declared by:

[<home-manager/modules/programs/wofi.nix>](#)

programs.wofi.style

CSS style for wofi to use as a stylesheet. See wofi(7).

Type: null or string

Default: null

Example:

```
        ...
        * {
            font-family: monospace;
        }

        window {
            background-color: #7c818c;
        }
    ...
}
```

Declared by:

[<home-manager/modules/programs/wofi.nix>](#)

programs.wpaperd.enable

Whether to enable wpaperd.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/wpaperd.nix>](#)

programs.wpaperd.package

The wpaperd package to use.

Type: package

Default: pkgs.wpaperd

Declared by:

[<home-manager/modules/programs/wpaperd.nix>](#)

programs.wpaperd.settings

Configuration written to \$XDG_CONFIG_HOME/wpaperd/wallpaper.toml. See <https://github.com>

[/danyspin97/wpaperd#wallpaper-configuration](https://github.com/danyspin97/wpaperd#wallpaper-configuration) for the full list of options.

Type: TOML value

Default: { }

Example:

```
{  
    eDP-1 = {  
        path = "/home/foo/Pictures/Wallpaper";  
        apply-shadow = true;  
    };  
    DP-2 = {  
        path = "/home/foo/Pictures/Anime";  
        sorting = "descending";  
    };  
}
```

Declared by:

[<home-manager/modules/programs/wpaperd.nix>](https://github.com/nix-community/home-manager/blob/main/modules/programs/wpaperd.nix)

programs.xmobar.enable

Whether to enable Xmobar, a minimalistic status bar.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/xmobar.nix>](https://github.com/nix-community/home-manager/blob/main/modules/programs/xmobar.nix)

programs.xmobar.package

Package providing the **xmobar** binary.

Type: package

Default: pkgs.haskellPackages.xmobar

Declared by:

[`<home-manager/modules/programs/xmobar.nix>`](#)[`programs.xmobar.extraConfig`](#)

Extra configuration lines to add to `$XDG_CONFIG_HOME/xmobar/.xmobarrc`. See <https://xmobar.org/#configuration> for options.

Type: strings concatenated with “\n”

Default: “ ”

Example:

Config

```
{ font      = "Fira Code"
, borderColor = "#d0d0d0"
, border      = FullB
, borderWidth = 3
, bgColor    = "#222"
, fgColor    = "grey"
, position    = TopSize C 99 30
, commands   =
  [ Run Cpu ["-t", "cpu: <fc=#4eb4fa><bar> <total>%</fc>"] 10
  , Run Network "enp3s0" ["-S", "True", "-t", "eth: <fc=#4eb4fa><rx></fc>/<fc=
  , Run Memory ["-t", "mem: <fc=#4eb4fa><usedbar> <usedratio>%</fc>"] 10
  , Run Date "date: <fc=#4eb4fa>%a %d %b %Y %H:%M:%S </fc>" "date" 10
  , Run StdinReader
  ]
, sepChar    = "%"
, alignSep   = "}{"
```

```
, template   = " %StdinReader% | %cpu% | %memory% | %enp3s0% }{ %date% "
}
```

Declared by:

[`<home-manager/modules/programs/xmobar.nix>`](#)[`programs.xplr.enable`](#)

Whether to enable xplr, terminal UI based file explorer.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/xplr.nix>](#)

programs.xplr.package

The xplr package to use.

Type: package

Default: pkgs.xplr

Declared by:

[<home-manager/modules/programs/xplr.nix>](#)

programs.xplr.extraConfig

Extra xplr configuration.

Type: strings concatenated with “\n”

Default: “ ”

Example:

```
require("wl-clipboard").setup {
    copy_command = "wl-copy -t text/uri-list",
    paste_command = "wl-paste",
    keep_selection = true,
}
```

Declared by:

[<home-manager/modules/programs/xplr.nix>](#)

programs.xplr.plugins

An attribute set of plugin paths to be added to the [package.path]<https://www.lua.org/manual/5.4/manual.html#pdf-package.path> of the ~/config/xplr/init.lua configuration file.

Must be a package or string representing the plugin directory's path. If the path string is not absolute, it will be relative to \$XDG_CONFIG_HOME/xplr/init.lua.

Type: null or (attribute set of (package or string))

Default: { }

Example:

```
{  
  wl-clipboard = fetchFromGitHub {  
    owner = "sayanarajit";  
    repo = "wl-clipboard.xplr";  
    rev = "a3ffc87460c5c7f560bffa689487ae14b36d9c3";  
    hash = "sha256-I4rh5Zks9hiXozBiPDuRdHwW5I7ppzEpQNtirY0Lcks=";  
  }  
  local-plugin = "/home/user/.config/plugins/local-plugin";  
};
```

Declared by:

[<home-manager/modules/programs/xplr.nix>](#)

[programs.yazi.enable](#)

Whether to enable yazi.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/yazi.nix>](#)

[programs.yazi.enableBashIntegration](#)

Whether to enable Bash integration.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/yazi.nix>`](#)[`programs.yazi.enableFishIntegration`](#)

Whether to enable Fish integration.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/yazi.nix>`](#)[`programs.yazi.enableNushellIntegration`](#)

Whether to enable Nushell integration.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/yazi.nix>`](#)[`programs.yazi.enableZshIntegration`](#)

Whether to enable Zsh integration.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/yazi.nix>`](#)[`programs.yazi.package`](#)

Yazi package to install.

Type: package

Default: pkgs.yazi

Declared by:

[`<home-manager/modules/programs/yazi.nix>`](#)

[`programs.yazi.keymap`](#)

Configuration written to `$XDG_CONFIG_HOME/yazi/keymap.toml`.

See <https://yazi-rs.github.io/docs/configuration/keymap> for the full list of options.

Type: TOML value

Default: { }

Example:

```
{  
    input.keymap = [  
        { exec = "close"; on = [ "<C-q>" ]; }  
        { exec = "close --submit"; on = [ "<Enter>" ]; }  
        { exec = "escape"; on = [ "<Esc>" ]; }  
        { exec = "backspace"; on = [ "<Backspace>" ]; }  
    ];  
    manager.keymap = [  
        { exec = "escape"; on = [ "<Esc>" ]; }  
        { exec = "quit"; on = [ "q" ]; }  
        { exec = "close"; on = [ "<C-q>" ]; }  
    ];  
}
```

Declared by:

[`<home-manager/modules/programs/yazi.nix>`](#)

[`programs.yazi.settings`](#)

Configuration written to `$XDG_CONFIG_HOME/yazi/yazi.toml`.

See <https://yazi-rs.github.io/docs/configuration/yazi> for the full list of options.

Type: TOML value

Default: { }

Example:

```
{  
  log = {  
    enabled = false;  
  };  
  manager = {  
    show_hidden = false;  
    sort_by = "modified";  
    sort_dir_first = true;  
    sort_reverse = true;  
  };  
}
```

Declared by:

[<home-manager/modules/programs/yazi.nix>](#)

[programs.yazi.theme](#)

Configuration written to \$XDG_CONFIG_HOME/yazi/theme.toml.

See <https://yazi-rs.github.io/docs/configuration/theme> for the full list of options

Type: TOML value

Default: { }

Example:

```
{  
  filetype = {  
    rules = [  
      { fg = "#7AD9E5"; mime = "image/*"; }  
      { fg = "#F3D398"; mime = "video/*"; }  
      { fg = "#F3D398"; mime = "audio/*"; }  
      { fg = "#CD9EFC"; mime = "application/x-bzip"; }  
    ];  
  };  
}
```

Declared by:

[home-manager/modules/programs/yazi.nix](#)[programs.yt-dlp.enable](#)

Whether to enable yt-dlp.

Type: boolean

Default: false

Example: true

Declared by:

[home-manager/modules/programs/yt-dlp.nix](#)[programs.yt-dlp.package](#)

Package providing the **yt-dlp** tool.

Type: package

Default: pkgs.yt-dlp

Declared by:

[home-manager/modules/programs/yt-dlp.nix](#)[programs.yt-dlp.extraConfig](#)

Extra configuration to add to `$XDG_CONFIG_HOME/yt-dlp/config`.

Type: strings concatenated with “\n”

Default: “ ”

Example:

```
..  
    --update  
    -F  
..
```

Declared by:

[home-manager/modules/programs/yt-dlp.nix](#)[programs.yt-dlp.settings](#)

Configuration written to `$XDG_CONFIG_HOME/yt-dlp/config`.

Options must be specified in their “long form”, for example, `update = true`; instead of `U = true`. Short options can be specified in the `extraConfig` option. See <https://github.com/yt-dlp/yt-dlp#configuration> for explanation about possible values.

Type: attribute set of (boolean or signed integer or string)

Default: { }

Example:

```
{  
    embed-thumbnail = true;  
    embed-subs = true;  
    sub-langs = "all";  
    downloader = "aria2c";  
    downloader-args = "aria2c:'-c -x8 -s8 -k1M'";  
}
```

Declared by:

[<home-manager/modules/programs/yt-dlp.nix>](#)

programs.z-lua.enable

Whether to enable z.lua.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/z-lua.nix>](#)

programs.z-lua.enableAliases

Whether to enable recommended z.lua aliases.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/programs/z-lua.nix>](#)

programs.z-lua.enableBashIntegration

Whether to enable Bash integration.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/z-lua.nix>](#)

programs.z-lua.enableFishIntegration

Whether to enable Fish integration.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/z-lua.nix>](#)

programs.z-lua.enableZshIntegration

Whether to enable Zsh integration.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/z-lua.nix>](#)

programs.z-lua.options

List of options to pass to z.lua.

Type: list of string

Default: []

Example:

```
[  
  "enhanced"  
  "once"  
  "fzf"  
]
```

Declared by:

[`<home-manager/modules/programs/z-lua.nix>`](#)

[programs.zathura.enable](#)

Whether to enable Zathura, a highly customizable and functional document viewer focused on keyboard interaction.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/zathura.nix>`](#)

[programs.zathura.package](#)

The Zathura package to use

Type: package

Default: "pkgs.zathura"

Declared by:

[`<home-manager/modules/programs/zathura.nix>`](#)

[programs.zathura.extraConfig](#)

Additional commands for zathura that will be added to the zathurarc file.

Type: strings concatenated with "\n"

Default: ""

Declared by:

[`<home-manager/modules/programs/zathura.nix>`](#)

programs.zathura.mappings

Add :map mappings to zathura and make them permanent. See zathurarc(5) for the full list of possible mappings.

You can create a mode-specific mapping by specifying the mode before the key: "[normal] <C-b>" = "scroll left";

Type: attribute set of string

Default: { }

Example:

```
{  
    "<Right>" = "navigate next";  
    D = "toggle_page_mode";  
    "[fullscreen] <C-i>" = "zoom in";  
}
```

Declared by:

[<home-manager/modules/programs/zathura.nix>](#)

programs.zathura.options

Add :set command options to zathura and make them permanent. See zathurarc(5) for the full list of options.

Type: attribute set of (string or boolean or signed integer)

Default: { }

Example:

```
{  
    default-bg = "#000000";  
    default-fg = "#FFFFFF";  
}
```

Declared by:

[<home-manager/modules/programs/zathura.nix>](#)

[programs.zellij.enable](#)

Whether to enable zellij.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/zellij.nix>](#)

[programs.zellij.enableBashIntegration](#)

Whether to enable Bash integration.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/zellij.nix>](#)

[programs.zellij.enableFishIntegration](#)

Whether to enable Fish integration.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/zellij.nix>](#)

[programs.zellij.enableZshIntegration](#)

Whether to enable Zsh integration.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/zellij.nix>`](#)

`programs.zellij.package`

The zellij package to install.

Type: package

Default: pkgs.zellij

Declared by:

[`<home-manager/modules/programs/zellij.nix>`](#)

`programs.zellij.settings`

Configuration written to `$XDG_CONFIG_HOME/zellij/config.yaml`.

See <https://zellij.dev/documentation> for the full list of options.

Type: YAML value

Default: { }

Example:

```
{  
    theme = "custom";  
    themes.custom.fg = "#ffffff";  
}
```

Declared by:

[`<home-manager/modules/programs/zellij.nix>`](#)

`programs.zoxide.enable`

Whether to enable zoxide.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/zoxide.nix>`](#)

`programs.zoxide.enableBashIntegration`

Whether to enable Bash integration.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/zoxide.nix>`](#)

`programs.zoxide.enableFishIntegration`

Whether to enable Fish integration.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/zoxide.nix>`](#)

`programs.zoxide.enableNushellIntegration`

Whether to enable Nushell integration.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/zoxide.nix>`](#)

`programs.zoxide.enableZshIntegration`

Whether to enable Zsh integration.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/zoxide.nix>`](#)

programs.zoxide.package

Zoxide package to install.

Type: package

Default: pkgs.zoxide

Declared by:

[<home-manager/modules/programs/zoxide.nix>](#)

programs.zoxide.options

List of options to pass to zoxide.

Type: list of string

Default: []

Example:

```
[  
  " --no-aliases"  
]
```

Declared by:

[<home-manager/modules/programs/zoxide.nix>](#)

programs.zsh.enable

Whether to enable Z shell (Zsh).

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/zsh.nix>](#)

programs.zsh.enableAutosuggestions

Enable zsh autosuggestions

Type: unspecified value

Default: false

Declared by:

[`<home-manager/modules/programs/zsh.nix>`](#)

[`programs.zsh.enableCompletion`](#)

Enable zsh completion. Don't forget to add

```
environment.pathsToLink = [ "/share/zsh" ];
```

to your system configuration to get completion for system packages (e.g. systemd).

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/programs/zsh.nix>`](#)

[`programs.zsh.enableVteIntegration`](#)

Whether to enable integration with terminals using the VTE library. This will let the terminal track the current working directory.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/misc/vte.nix>`](#)

[`programs.zsh.package`](#)

The zsh package to use.

Type: package

Default: pkgs.zsh

Declared by:

[<home-manager/modules/programs/zsh.nix>](#)[programs.zsh.antidote.enable](#)

Whether to enable antidote - a zsh plugin manager.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/antidote.nix>](#)[programs.zsh.antidote.package](#)

The antidote package to use.

Type: package

Default: pkgs.antidote

Declared by:

[<home-manager/modules/programs/antidote.nix>](#)[programs.zsh.antidote.plugins](#)

List of antidote plugins.

Type: list of string

Default: []

Example:

```
[  
  "zsh-users/zsh-autosuggestions"  
]
```

Declared by:

[<home-manager/modules/programs/antidote.nix>](#)[programs.zsh.antidote.useFriendlyNames](#)

Whether to enable friendly names.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/antidote.nix>`](#)

programs.zsh.autocd

Automatically enter into a directory if typed directly into shell.

Type: null or boolean

Default: null

Declared by:

[`<home-manager/modules/programs/zsh.nix>`](#)

programs.zsh.cdpath

List of paths to autocomplete calls to `cd`.

Type: list of string

Default: []

Declared by:

[`<home-manager/modules/programs/zsh.nix>`](#)

programs.zsh.completionInit

Initialization commands to run when completion is enabled.

Type: strings concatenated with “\n”

Default: "autoload -U compinit && compinit"

Declared by:

[`<home-manager/modules/programs/zsh.nix>`](#)

programs.zsh.defaultKeymap

The default base keymap to use.

Type: null or one of “emacs”, “vicmd”, “viins”

Default: null

Example: "emacs"

Declared by:

[<home-manager/modules/programs/zsh.nix>](#)

programs.zsh.dirHashes

An attribute set that adds to named directory hash table.

Type: attribute set of string

Default: { }

Example:

```
{  
  docs  = "$HOME/Documents";  
  vids  = "$HOME/Videos";  
  dl    = "$HOME/Downloads";  
}
```

Declared by:

[<home-manager/modules/programs/zsh.nix>](#)

programs.zsh.dotDir

Directory where the zsh configuration and more should be located, relative to the users home directory. The default is the home directory.

Type: null or string

Default: null

Example: ".config/zsh"

Declared by:

[<home-manager/modules/programs/zsh.nix>](#)

programs.zsh.envExtra

Extra commands that should be added to `.zshenv`.

Type: strings concatenated with “`\n`”

Default: “ ”

Declared by:

[`<home-manager/modules/programs/zsh.nix>`](#)

[programs.zsh.history](#)

Options related to commands history configuration.

Type: submodule

Default: { }

Declared by:

[`<home-manager/modules/programs/zsh.nix>`](#)

[programs.zsh.history.expireDuplicatesFirst](#)

Expire duplicates first.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/programs/zsh.nix>`](#)

[programs.zsh.history.extended](#)

Save timestamp into the history file.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/programs/zsh.nix>`](#)

[programs.zsh.history.ignoreAllDups](#)

If a new command line being added to the history list duplicates an older one, the older command is removed from the list (even if it is not the previous event).

Type: boolean

Default: false

Declared by:

[<home-manager/modules/programs/zsh.nix>](#)

programs.zsh.history.ignoreDups

Do not enter command lines into the history list if they are duplicates of the previous event.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/zsh.nix>](#)

programs.zsh.history.ignorePatterns

Do not enter command lines into the history list if they match any one of the given shell patterns.

Type: list of string

Default: []

Example: ["rm *" "pkill *"]

Declared by:

[<home-manager/modules/programs/zsh.nix>](#)

programs.zsh.history.ignoreSpace

Do not enter command lines into the history list if the first character is a space.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/zsh.nix>](#)

programs.zsh.history.path

History file location

Type: string

Default:

```
"$HOME/.zsh_history" if state version ≥ 20.03,  
"$ZDOTDIR/.zsh_history" otherwise
```

Example: "\${config.xdg.dataHome}/zsh/zsh_history"

Declared by:

[<home-manager/modules/programs/zsh.nix>](#)

[programs.zsh.history.save](#)

Number of history lines to save.

Type: signed integer

Default: 10000

Declared by:

[<home-manager/modules/programs/zsh.nix>](#)

[programs.zsh.history.share](#)

Share command history between zsh sessions.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/programs/zsh.nix>](#)

[programs.zsh.history.size](#)

Number of history lines to keep.

Type: signed integer

Default: 10000

Declared by:

[<home-manager/modules/programs/zsh.nix>](#)

[programs.zsh.historySubstringSearch](#)

Options related to zsh-history-substring-search.

Type: submodule

Default: { }

Declared by:

[<home-manager/modules/programs/zsh.nix>](#)

[programs.zsh.historySubstringSearch.enable](#)

Whether to enable history substring search.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/zsh.nix>](#)

[programs.zsh.historySubstringSearch.searchDownKey](#)

The key codes to be used when searching down. The default of ^[[B may correspond to the DOWN key – if not, try \$terminfo[kcud1].

Type: (list of string) or string

Default:

```
[  
  "^[ [B"  
]
```

Declared by:

[<home-manager/modules/programs/zsh.nix>](#)

[programs.zsh.historySubstringSearch.searchUpKey](#)

The key codes to be used when searching up. The default of ^[[A may correspond to the UP key – if not, try \$terminfo[kcuu1].

Type: (list of string) or string

Default:

```
[  
  "^[ [A"  
]
```

Declared by:

[<home-manager/modules/programs/zsh.nix>](#)

programs.zsh.initExtra

Extra commands that should be added to .zshrc.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[<home-manager/modules/programs/zsh.nix>](#)

programs.zsh.initExtraBeforeCompInit

Extra commands that should be added to .zshrc before compinit.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[<home-manager/modules/programs/zsh.nix>](#)

programs.zsh.initExtraFirst

Commands that should be added to top of .zshrc.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[<home-manager/modules/programs/zsh.nix>](#)

programs.zsh.localVariables

Extra local variables defined at the top of .zshrc.

Type: attribute set

Default: { }

Example:

```
{  
    POWERLEVEL9K_LEFT_PROMPT_ELEMENTS = [  
        "dir"  
        "vcs"  
    ];  
}
```

Declared by:

[<home-manager/modules/programs/zsh.nix>](#)

programs.zsh.loginExtra

Extra commands that should be added to .zlogin.

Type: strings concatenated with “\n”

Default: ""

Declared by:

[<home-manager/modules/programs/zsh.nix>](#)

programs.zsh.logoutExtra

Extra commands that should be added to .zlogout.

Type: strings concatenated with “\n”

Default: ""

Declared by:

[<home-manager/modules/programs/zsh.nix>](#)

programs.zsh.oh-my-zsh

Options to configure oh-my-zsh.

Type: submodule

Default: { }

Declared by:

[`<home-manager/modules/programs/zsh.nix>`](#)[`programs.zsh.oh-my-zsh.enable`](#)

Whether to enable oh-my-zsh.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/zsh.nix>`](#)[`programs.zsh.oh-my-zsh.package`](#)

The oh-my-zsh package to use.

Type: package

Default: pkgs.oh-my-zsh

Declared by:

[`<home-manager/modules/programs/zsh.nix>`](#)[`programs.zsh.oh-my-zsh.custom`](#)

Path to a custom oh-my-zsh package to override config of oh-my-zsh. See <https://github.com/robbyrussell/oh-my-zsh/wiki/Customization> for more information.

Type: string

Default: ""

Example: "\$HOME/my_customizations"

Declared by:

[`<home-manager/modules/programs/zsh.nix>`](#)[`programs.zsh.oh-my-zsh.extraConfig`](#)

Extra settings for plugins.

Type: strings concatenated with "\n"

Default: ""

Example:

```
  zstyle :omz:plugins:ssh-agent identities id_rsa id_rsa2 id_github
```

Declared by:

[<home-manager/modules/programs/zsh.nix>](#)

[programs.zsh.oh-my-zsh.plugins](#)

List of oh-my-zsh plugins

Type: list of string

Default: []

Example:

```
[  
  "git"  
  "sudo"  
]
```

Declared by:

[<home-manager/modules/programs/zsh.nix>](#)

[programs.zsh.oh-my-zsh.theme](#)

Name of the theme to be used by oh-my-zsh.

Type: string

Default: ""

Example: "robbyrussell"

Declared by:

[<home-manager/modules/programs/zsh.nix>](#)

[programs.zsh.plugins](#)

Plugins to source in .zshrc.

Type: list of (submodule)

Default: []

Example:

```
[  
 {  
   # will source zsh-autosuggestions.plugin.zsh  
   name = "zsh-autosuggestions";  
   src = pkgs.fetchFromGitHub {  
     owner = "zsh-users";  
     repo = "zsh-autosuggestions";  
     rev = "v0.4.0";  
     sha256 = "0z6i9wjjklb4lvr7zjhbpibhsyx51psv50gm07mbb0kj9058j6kc";  
   };  
 }  
 {  
   name = "enhancd";  
   file = "init.sh";  
   src = pkgs.fetchFromGitHub {  
     owner = "b4b4r07";  
     repo = "enhancd";  
     rev = "v2.2.1";  
     sha256 = "0iqa9j09fwm6nj5rpip87x3hnvbbz9w9ajgm6wkrd5fls8fn8i5g";  
   };  
 }  
 ]
```

Declared by:

[<home-manager/modules/programs/zsh.nix>](#)

programs.zsh.plugins.*.file

The plugin script to source.

Type: string

Declared by:

[<home-manager/modules/programs/zsh.nix>](#)

programs.zsh.plugins.*.name

The name of the plugin.

Don't forget to add `file` if the script name does not follow convention.

Type: string

Declared by:

[<home-manager/modules/programs/zsh.nix>](#)

programs.zsh.plugins.*.src

Path to the plugin folder.

Will be added to `fpath` and `PATH`.

Type: path

Declared by:

[<home-manager/modules/programs/zsh.nix>](#)

programs.zsh.prezto

Options to configure prezto.

Type: submodule

Default: { }

Declared by:

[<home-manager/modules/programs/zsh/prezto.nix>](#)

programs.zsh.prezto.enable

Whether to enable prezto.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/zsh/prezto.nix>](#)

programs.zsh.prezto.autosuggestions.color

Set the query found color.

Type: null or string

Default: null

Example: "fg=blue"

Declared by:

[`<home-manager/modules/programs/zsh/prezto.nix>`](#)

[programs.zsh.prezto.caseSensitive](#)

Set case-sensitivity for completion, history lookup, etc.

Type: null or boolean

Default: null

Example: true

Declared by:

[`<home-manager/modules/programs/zsh/prezto.nix>`](#)

[programs.zsh.prezto.color](#)

Color output (automatically set to false on dumb terminals).

Type: null or boolean

Default: true

Example: false

Declared by:

[`<home-manager/modules/programs/zsh/prezto.nix>`](#)

[programs.zsh.prezto.completions.ignoredHosts](#)

Set the entries to ignore in static /etc/hosts for host completion.

Type: list of string

Default: []

Example:

```
[  
  "0.0.0.0"  
  "127.0.0.1"  
]
```

Declared by:

[`<home-manager/modules/programs/zsh/prezto.nix>`](#)

[`programs.zsh.prezto.editor.dotExpansion`](#)

Automatically convert to ../../..

Type: null or boolean

Default: null

Example: true

Declared by:

[`<home-manager/modules/programs/zsh/prezto.nix>`](#)

[`programs.zsh.prezto.editor.keymap`](#)

Set the key mapping style to emacs or vi.

Type: null or one of “emacs”, “vi”

Default: "emacs"

Example: "vi"

Declared by:

[`<home-manager/modules/programs/zsh/prezto.nix>`](#)

[`programs.zsh.prezto.editor.promptContext`](#)

Allow the Zsh prompt context to be shown.

Type: null or boolean

Default: null

Example: true

Declared by:

[home-manager/modules/programs/zsh/prezto.nix](#)[programs.zsh.prezto.extraConfig](#)

Additional configuration to add to .zpreztorc.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[home-manager/modules/programs/zsh/prezto.nix](#)[programs.zsh.prezto.extraFunctions](#)

Set the Zsh functions to load (zshcontrib(1)).

Type: list of string

Default: []

Example:

```
[  
  "zargs"  
  "zmv"  
]
```

Declared by:

[home-manager/modules/programs/zsh/prezto.nix](#)[programs.zsh.prezto.extraModules](#)

Set the Zsh modules to load (zshmodules(1)).

Type: list of string

Default: []

Example:

```
[  
  "attr"  
  "stat"
```

]

Declared by:

[`<home-manager/modules/programs/zsh/prezto.nix>`](#)

[programs.zsh.prezto.git.submoduleIgnore](#)

Ignore submodules when they are dirty, untracked, all, or none.

Type: null or one of “dirty”, “untracked”, “all”, “none”

Default: null

Example: "all"

Declared by:

[`<home-manager/modules/programs/zsh/prezto.nix>`](#)

[programs.zsh.prezto.gnuUtility.prefix](#)

Set the command prefix on non-GNU systems.

Type: null or string

Default: null

Example: "g"

Declared by:

[`<home-manager/modules/programs/zsh/prezto.nix>`](#)

[programs.zsh.prezto.historySubstring.foundColor](#)

Set the query found color.

Type: null or string

Default: null

Example: "fg=blue"

Declared by:

[`<home-manager/modules/programs/zsh/prezto.nix>`](#)

[programs.zsh.prezto.historySubstring.globbingFlags](#)

Set the search globbing flags.

Type: null or string

Default: null

Declared by:

[<home-manager/modules/programs/zsh/prezto.nix>](#)

programs.zsh.prezto.historySubstring.notFoundColor

Set the query not found color.

Type: null or string

Default: null

Example: "fg=red"

Declared by:

[<home-manager/modules/programs/zsh/prezto.nix>](#)

programs.zsh.prezto.macOS.dashKeyword

Set the keyword used by **mand** to open man pages in Dash.app.

Type: null or string

Default: null

Example: "manpages"

Declared by:

[<home-manager/modules/programs/zsh/prezto.nix>](#)

programs.zsh.prezto.pmoduleDirs

Add additional directories to load prezto modules from.

Type: list of path

Default: []

Example: ["\${config.home.homeDirectory}/.zprezto-contrib"]

Declared by:

[<home-manager/modules/programs/zsh/prezto.nix>](#)

[programs.zsh.prezto.pmodules](#)

Set the Prezto modules to load (browse modules). The order matters.

Type: list of string

Default:

```
[  
  "environment"  
  "terminal"  
  "editor"  
  "history"  
  "directory"  
  "spectrum"  
  "utility"  
  "completion"  
  "prompt"  
]
```

Declared by:

[<home-manager/modules/programs/zsh/prezto.nix>](#)

[programs.zsh.prezto.prompt.pwdLength](#)

Set the working directory prompt display length. By default, it is set to `short`. Set it to `long` (without `~` expansion) for longer or `full` (with `~` expansion) for even longer prompt display.

Type: null or one of “`short`”, “`long`”, “`full`”

Default: null

Example: “`short`”

Declared by:

[<home-manager/modules/programs/zsh/prezto.nix>](#)

[programs.zsh.prezto.prompt.showRetVal](#)

Set the prompt to display the return code along with an indicator for non-zero return codes. This is not supported by all prompts.

Type: null or boolean

Default: null

Example: true

Declared by:

[<home-manager/modules/programs/zsh/prezto.nix>](#)

programs.zsh.prezto.prompt.theme

Set the prompt theme to load. Setting it to random loads a random theme. Automatically set to off on dumb terminals.

Type: null or string

Default: "sorin"

Example: "pure"

Declared by:

[<home-manager/modules/programs/zsh/prezto.nix>](#)

programs.zsh.prezto.python.virtualenvAutoSwitch

Auto switch to Python virtualenv on directory change.

Type: null or boolean

Default: null

Example: true

Declared by:

[<home-manager/modules/programs/zsh/prezto.nix>](#)

programs.zsh.prezto.python.virtualenvInitialize

Automatically initialize virtualenvwrapper if pre-requisites are met.

Type: null or boolean

Default: null

Example: true

Declared by:

[<home-manager/modules/programs/zsh/prezto.nix>](#)

programs.zsh.prezto.ruby.chrubyAutoSwitch

Auto switch the Ruby version on directory change.

Type: null or boolean

Default: null

Example: true

Declared by:

[<home-manager/modules/programs/zsh/prezto.nix>](#)

programs.zsh.prezto.screen.autoStartLocal

Auto start a session when Zsh is launched in a local terminal.

Type: null or boolean

Default: null

Example: true

Declared by:

[<home-manager/modules/programs/zsh/prezto.nix>](#)

programs.zsh.prezto.screen.autoStartRemote

Auto start a session when Zsh is launched in a SSH connection.

Type: null or boolean

Default: null

Example: true

Declared by:

[<home-manager/modules/programs/zsh/prezto.nix>](#)

programs.zsh.prezto.ssh.identities

Set the SSH identities to load into the agent.

Type: list of string

Default: []

Example:

```
[  
  "id_rsa"
```

```
"id_rsa2"  
"id_github"  
]
```

Declared by:

[<home-manager/modules/programs/zsh/prezto.nix>](#)

programs.zsh.prezto.syntaxHighlighting.highlighters

Set syntax highlighters. By default, only the main highlighter is enabled.

Type: list of string

Default: []

Example:

```
[  
  "main"  
  "brackets"  
  "pattern"  
  "line"  
  "cursor"  
  "root"  
]
```

Declared by:

[<home-manager/modules/programs/zsh/prezto.nix>](#)

programs.zsh.prezto.syntaxHighlighting.pattern

Set syntax pattern styles.

Type: attribute set of string

Default: { }

Example:

```
{  
  "rm*-rf*" = "fg=white,bold,bg=red";
```

```
}
```

Declared by:

[`<home-manager/modules/programs/zsh/prezto.nix>`](#)

[`programs.zsh.prezto.syntaxHighlighting.styles`](#)

Set syntax highlighting styles.

Type: attribute set of string

Default: { }

Example:

```
{
  builtin = "bg=blue";
  command = "bg=blue";
  function = "bg=blue";
}
```

Declared by:

[`<home-manager/modules/programs/zsh/prezto.nix>`](#)

[`programs.zsh.prezto.terminal.autoTitle`](#)

Auto set the tab and window titles.

Type: null or boolean

Default: null

Example: true

Declared by:

[`<home-manager/modules/programs/zsh/prezto.nix>`](#)

[`programs.zsh.prezto.terminal.multiplexerTitleFormat`](#)

Set the multiplexer title format.

Type: null or string

Default: null

Example: "%s"

Declared by:

[`<home-manager/modules/programs/zsh/prezto.nix>`](#)

[programs.zsh.prezto.terminal.tabTitleFormat](#)

Set the tab title format.

Type: null or string

Default: null

Example: "%m: %s"

Declared by:

[`<home-manager/modules/programs/zsh/prezto.nix>`](#)

[programs.zsh.prezto.terminal.windowTitleFormat](#)

Set the window title format.

Type: null or string

Default: null

Example: "%n@%m: %s"

Declared by:

[`<home-manager/modules/programs/zsh/prezto.nix>`](#)

[programs.zsh.prezto.tmux.autoStartLocal](#)

Auto start a session when Zsh is launched in a local terminal.

Type: null or boolean

Default: null

Example: true

Declared by:

[`<home-manager/modules/programs/zsh/prezto.nix>`](#)

[programs.zsh.prezto.tmux.autoStartRemote](#)

Auto start a session when Zsh is launched in a SSH connection.

Type: null or boolean

Default: null

Example: true

Declared by:

[`<home-manager/modules/programs/zsh/prezto.nix>`](#)

[`programs.zsh.prezto.tmux.defaultSessionName`](#)

Set the default session name.

Type: null or string

Default: null

Example: "YOUR DEFAULT SESSION NAME"

Declared by:

[`<home-manager/modules/programs/zsh/prezto.nix>`](#)

[`programs.zsh.prezto.tmux.terminalIntegration`](#)

Integrate with iTerm2.

Type: null or boolean

Default: null

Example: true

Declared by:

[`<home-manager/modules/programs/zsh/prezto.nix>`](#)

[`programs.zsh.prezto.utility.safeOps`](#)

Enabled safe options. This aliases **cp**, **ln**, **mv** and **rm** so that they prompt before deleting or overwriting files. Set to no to disable this safer behavior.

Type: null or boolean

Default: null

Example: true

Declared by:

[`<home-manager/modules/programs/zsh/prezto.nix>`](#)[`programs.zsh.profileExtra`](#)

Extra commands that should be added to .zprofile.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[`<home-manager/modules/programs/zsh.nix>`](#)[`programs.zsh.sessionVariables`](#)

Environment variables that will be set for zsh session.

Type: attribute set

Default: { }

Example:

```
{  
  MAILCHECK = 30;  
}
```

Declared by:

[`<home-manager/modules/programs/zsh.nix>`](#)[`programs.zsh.shellAliases`](#)

An attribute set that maps aliases (the top level attribute names in this option) to command strings or directly to build outputs.

Type: attribute set of string

Default: { }

Example:

```
{  
  ll = "ls -l";  
  ".." = "cd ..";
```

```
}
```

Declared by:

[`<home-manager/modules/programs/zsh.nix>`](#)

[`programs.zsh.shellGlobalAliases`](#)

Similar to [`programs.zsh.shellAliases`](#), but are substituted anywhere on a line.

Type: attribute set of string

Default: { }

Example:

```
{
  UUID = "$(uuidgen | tr -d \\n)";
  G = "| grep";
}
```

Declared by:

[`<home-manager/modules/programs/zsh.nix>`](#)

[`programs.zsh.syntaxHighlighting`](#)

Options related to zsh-syntax-highlighting.

Type: submodule

Default: { }

Declared by:

[`<home-manager/modules/programs/zsh.nix>`](#)

[`programs.zsh.syntaxHighlighting.enable`](#)

Whether to enable zsh syntax highlighting.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/zsh.nix>](#)

[programs.zsh.syntaxHighlighting.package](#)

The zsh-syntax-highlighting package to use.

Type: package

Default: pkgs.zsh-syntax-highlighting

Declared by:

[<home-manager/modules/programs/zsh.nix>](#)

[programs.zsh.syntaxHighlighting.highlighters](#)

Highlighters to enable See the list of highlighters: <https://github.com/zsh-users/zsh-syntax-highlighting/blob/master/docs/highlighters.md>

Type: list of string

Default: []

Example:

```
[  
  "brackets"  
]
```

Declared by:

[<home-manager/modules/programs/zsh.nix>](#)

[programs.zsh.syntaxHighlighting.styles](#)

Custom styles for syntax highlighting. See each highlighter's options: <https://github.com/zsh-users/zsh-syntax-highlighting/blob/master/docs/highlighters.md>

Type: attribute set of string

Default: { }

Example:

```
{  
    comment = "fg=black,bold";  
}
```

Declared by:

[<home-manager/modules/programs/zsh.nix>](#)

programs.zsh.zplug.enable

Whether to enable zplug - a zsh plugin manager.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/zplug.nix>](#)

programs.zsh.zplug.plugins

List of zplug plugins.

Type: list of (submodule)

Default: []

Declared by:

[<home-manager/modules/programs/zplug.nix>](#)

programs.zsh.zplug.plugins.*.name

The name of the plugin.

Type: string

Declared by:

[<home-manager/modules/programs/zplug.nix>](#)

programs.zsh.zplug.plugins.*.tags

The plugin tags.

Type: list of string

Default: []

Declared by:

[<home-manager/modules/programs/zplug.nix>](#)

programs.zsh.zplug.zplugHome

Path to zplug home directory.

Type: path

Default: "~/zplug"

Declared by:

[<home-manager/modules/programs/zplug.nix>](#)

programs.zsh.zprof.enable

Enable zprof in your zshrc.

Type: unspecified value

Default: false

Declared by:

[<home-manager/modules/programs/zsh.nix>](#)

programs.zsh.zsh-abbr.enable

Whether to enable zsh-abbr - zsh manager for auto-expanding abbreviations.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/zsh/zsh-abbr.nix>](#)

programs.zsh.zsh-abbr.abbreviations

An attribute set that maps aliases (the top level attribute names in this option) to abbreviations. Abbreviations are expanded with the longer phrase after they are entered.

Type: attribute set of string

Default: { }

Example:

```
{  
  gco = "git checkout";  
  l = "less";  
}
```

Declared by:

[`<home-manager/modules/programs/zsh/zsh-abbr.nix>`](#)

qt.enable

Whether to enable Qt 5 and 6 configuration.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/misc/qt.nix>`](#)

qt.platformTheme

Platform theme to use for Qt applications.

The options are

gtk

Use GTK theme with [gtstyleplugins](#)

gtk3

Use [GTK3 integration](#) for file picker dialogs, font and theme configuration

gnome

Use GNOME theme with [ggnomeplatform](#)

lxqt

Use LXQt theme style set using the [lxqt-config-appearance](#) application

qtct

Use Qt style set using [qt5ct](#) and [qt6ct](#) applications

kde

Use Qt settings from Plasma

Type: null or one of “gtk”, “gtk3”, “gnome”, “lxqt”, “qtct”, “kde”

Default: null

Example: "gnome"

Related packages:

- [pkgs.qgnomeplatform](#)
- [pkgs.qgnomeplatform-qt6](#)
- [pkgs.libsForQt5.plasma-integration](#)
- [pkgs.libsForQt5.qt5ct](#)
- [pkgs.libsForQt5.qtstyleplugins](#)
- [pkgs.libsForQt5.systemsettings](#)
- [pkgs.lxqt.lxqt-config](#)
- [pkgs.lxqt.lxqt-qtplugin](#)
- [pkgs.qt6Packages.qt6ct](#)
- [pkgs.qt6Packages.qt6gtk2](#)

Declared by:

[`<home-manager/modules/misc/qt.nix>`](#)

qt.style.package

Theme package to be used in Qt5/Qt6 applications. Auto-detected from `qt.style.name` if possible.

Type: null or package or list of package

Default: null

Example: `pkgs.adwaita-qt`

Declared by:

[`<home-manager/modules/misc/qt.nix>`](#)[`qt.style.name`](#)

Style to use for Qt5/Qt6 applications. Case-insensitive.

Some examples are

adwaita, adwaita-dark, adwaita-highcontrast, adwaita-highcontrastinverse

Use the Adwaita style from [adwaita-qt](#)

breeze

Use the Breeze style from [breeze](#)

bb10bright, bb10dark, cde, cleanlooks, gtk2, motif, plastique

Use styles from [qtstyleplugins](#)

kvantum

Use styles from [kvantum](#)

Type: null or string

Default: null

Example: "adwaita-dark"

Related packages:

- [pkgs.adwaita-qt](#)
- [pkgs.adwaita-qt6](#)
- [pkgs.libsForQt5.breeze-qt5](#)
- [pkgs.libsForQt5.qtstyleplugin-kvantum](#)
- [pkgs.libsForQt5.qtstyleplugins](#)
- [pkgs.qt6Packages.qt6gtk2](#)
- [pkgs.qt6Packages.qtstyleplugin-kvantum](#)

Declared by:

[`<home-manager/modules/misc/qt.nix>`](#)[`services.autorandr.enable`](#)

Whether to enable the Autorandr systemd service. This module is complementary to `programs.autorandr` which handles the configuration (profiles).

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/autorandr.nix>`](#)

`services.autorandr.ignoreLid`

Treat outputs as connected even if their lids are closed.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/services/autorandr.nix>`](#)

`services.avizo.enable`

Whether to enable avizo, a simple notification daemon.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/avizo.nix>`](#)

`services.avizo.package`

The avizo package to use.

Type: package

Default: `pkgs.avizo`

Example:

```
pkgs.avizo.overrideAttrs (final: prev: {
```

```
patchPhase = "cp ${./images}/*.png data/images/";  
})
```

Declared by:

[<home-manager/modules/services/avizo.nix>](#)

services.avizo.settings

The settings that will be written to the avizo configuration file.

Type: attribute set of attribute set of (INI atom (null, bool, int, float or string))

Default: { }

Example:

```
{  
  default = {  
    time = 1.0;  
    y-offset = 0.5;  
    fade-in = 0.1;  
    fade-out = 0.2;  
    padding = 10;  
  };  
}
```

Declared by:

[<home-manager/modules/services/avizo.nix>](#)

services.barrier.client.enable

Whether to enable Barrier Client daemon.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/barrier.nix>`](#)[`services.barrier.client.enableCrypto`](#)

Whether to enable crypto (SSL) plugin.

Type: boolean

Default: true

Example: true

Declared by:

[`<home-manager/modules/services/barrier.nix>`](#)[`services.barrier.client.enableDragDrop`](#)

Whether to enable file drag & drop.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/barrier.nix>`](#)[`services.barrier.client.extraFlags`](#)

Additional flags to pass to **barrierc**. See **barrierc --help**.

Type: list of string

Default: ["-f"]

Declared by:

[`<home-manager/modules/services/barrier.nix>`](#)[`services.barrier.client.name`](#)

Screen name of client. Defaults to hostname.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/services/barrier.nix>`](#)[`services.barrier.client.server`](#)

Server to connect to formatted as `<host>[:<port>]`. Port defaults to 24800.

Type: string

Declared by:

[`<home-manager/modules/services/barrier.nix>`](#)[`services.batsignal.enable`](#)

Whether to enable Batsignal Battery Daemon.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/batsignal.nix>`](#)[`services.batsignal.package`](#)

The batsignal package to use.

Type: package

Default: pkgs.batsignal

Declared by:

[`<home-manager/modules/services/batsignal.nix>`](#)[`services.batsignal.extraArgs`](#)

Extra arguments to be passed to the batsignal executable.

Type: list of string

Default: []

Declared by:

[`<home-manager/modules/services/batsignal.nix>`](#)[`services.betterlockscreen.enable`](#)

Whether to enable betterlockscreen, a screen-locker module.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/betterlockscreen.nix>`](#)

`services.betterlockscreen.package`

Package providing **betterlockscreen**.

Type: package

Default: pkgs.betterlockscreen

Declared by:

[`<home-manager/modules/services/betterlockscreen.nix>`](#)

`services.betterlockscreen.arguments`

List of arguments appended to `./betterlockscreen --lock [args]`

Type: list of string

Default: []

Declared by:

[`<home-manager/modules/services/betterlockscreen.nix>`](#)

`services.betterlockscreen.inactiveInterval`

Value used for `services.screen-locker.inactiveInterval`.

Type: signed integer

Default: 10

Declared by:

[`<home-manager/modules/services/betterlockscreen.nix>`](#)

`services.blueman-applet.enable`

Whether to enable the Blueman applet.

Note that for the applet to work, the `blueman` service should be enabled system-wide. You can enable it in the system configuration using

```
services.blueman.enable = true;
```

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/blueman-applet.nix>`](#)

`services.borgmatic.enable`

Whether to enable Borgmatic service.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/borgmatic.nix>`](#)

`services.borgmatic.frequency`

How often to run borgmatic when `services.borgmatic.enable = true`. This value is passed to the systemd timer configuration as the `onCalendar` option. See [systemd.time\(7\)](#) for more information about the format.

Type: string

Default: "hourly"

Declared by:

[`<home-manager/modules/services/borgmatic.nix>`](#)

`services.cachix-agent.enable`

Whether to enable Cachix Deploy Agent: <https://docs.cachix.org/deploy/>.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/cachix-agent.nix>`](#)

[`services.cachix-agent.package`](#)

The cachix package to use.

Type: package

Default: pkgs.cachix

Declared by:

[`<home-manager/modules/services/cachix-agent.nix>`](#)

[`services.cachix-agent.credentialsFile`](#)

Required file that needs to contain CACHIX_AGENT_TOKEN=....

Type: path

Default: "\${config.xdg.configHome}/cachix-agent.token"

Declared by:

[`<home-manager/modules/services/cachix-agent.nix>`](#)

[`services.cachix-agent.host`](#)

Cachix URI to use.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/services/cachix-agent.nix>`](#)

[`services.cachix-agent.name`](#)

The unique agent name.

Type: string

Declared by:

[`<home-manager/modules/services/cachix-agent.nix>`](#)[`services.cachix-agent.profile`](#)

The Nix profile name.

Type: string

Default: "home-manager"

Declared by:

[`<home-manager/modules/services/cachix-agent.nix>`](#)[`services.cachix-agent.verbose`](#)

Whether to enable verbose output.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/cachix-agent.nix>`](#)[`services.caffeine.enable`](#)

Whether to enable Caffeine service.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/caffeine.nix>`](#)[`services.cbatticon.enable`](#)

Whether to enable cbatticon.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/cbatticon.nix>](#)

services.cbatticon.batteryId

ID of the battery to monitor. List with **cbatticon -p**. Defaults to the first entry in the list.

Type: null or string

Default: null

Declared by:

[<home-manager/modules/services/cbatticon.nix>](#)

services.cbatticon.commandCriticalLevel

Command to execute when the critical battery level is reached.

Type: null or strings concatenated with “\n”

Default: null

Example:

```
  """
    notify-send "battery critical!"
  """
```

Declared by:

[<home-manager/modules/services/cbatticon.nix>](#)

services.cbatticon.commandLeftClick

Command to execute when left clicking on the tray icon.

Type: null or strings concatenated with “\n”

Default: null

Declared by:

[<home-manager/modules/services/cbatticon.nix>](#)

services.cbatticon.criticalLevelPercent

Critical level percentage of the battery in percent (without the percent symbol).

Type: null or integer between 0 and 100 (both inclusive)

Default: null

Example: 5

Declared by:

[<home-manager/modules/services/cbatticon.nix>](#)

services.cbatticon.hideNotification

Hide the notification popups.

Type: null or boolean

Default: null

Declared by:

[<home-manager/modules/services/cbatticon.nix>](#)

services.cbatticon.iconType

Icon type to display in the system tray.

Type: null or one of "standard", "notification", "symbolic"

Default: null

Example: "symbolic"

Declared by:

[<home-manager/modules/services/cbatticon.nix>](#)

services.cbatticon.lowLevelPercent

Low level percentage of the battery in percent (without the percent symbol).

Type: null or integer between 0 and 100 (both inclusive)

Default: null

Example: 20

Declared by:

[<home-manager/modules/services/cbatticon.nix>](#)

[services.cbatticon.updateIntervalSeconds](#)

Number of seconds between updates of the battery information.

Type: null or (positive integer, meaning >0)

Default: null

Example: 5

Declared by:

[<home-manager/modules/services/cbatticon.nix>](#)

[services.cliphist.enable](#)

Whether to enable cliphist, a clipboard history “manager” for wayland.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/cliphist.nix>](#)

[services.cliphist.package](#)

The cliphist package to use.

Type: package

Default: pkgs.cliphist

Declared by:

[<home-manager/modules/services/cliphist.nix>](#)

[services.cliphist.systemdTarget](#)

The systemd target that will automatically start the cliphist service.

When setting this value to "sway-session.target", make sure to also enable wayland.windowManager.sway.systemd.enable, otherwise the service may never be started.

Type: string

Default: "graphical-session.target"

Example: "sway-session.target"

Declared by:

[`<home-manager/modules/services/cliphist.nix>`](#)

`services.clipman.enable`

Whether to enable clipman, a simple clipboard manager for Wayland.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/clipman.nix>`](#)

`services.clipman.package`

The clipman package to use.

Type: package

Default: pkgs.clipman

Declared by:

[`<home-manager/modules/services/clipman.nix>`](#)

`services.clipman.systemdTarget`

The systemd target that will automatically start the clipman service.

When setting this value to "sway-session.target", make sure to also enable `wayland.windowManager.sway.systemd.enable`, otherwise the service may never be started.

Type: string

Default: "graphical-session.target"

Example: "sway-session.target"

Declared by:

[`<home-manager/modules/services/clipman.nix>`](#)

`services.clipmenu.enable`

Whether to enable clipmenu, the clipboard management daemon.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/clipmenu.nix>`](#)

`services.clipmenu.package`

clipmenu derivation to use.

Type: package

Default: "pkgs.clipmenu"

Declared by:

[`<home-manager/modules/services/clipmenu.nix>`](#)

`services.clipmenu.launcher`

Launcher command, if not set, **dmenu** will be used by default.

Type: null or string

Default: null

Example: "rofi"

Declared by:

[`<home-manager/modules/services/clipmenu.nix>`](#)

`services.comodoro.enable`

Whether to enable Comodoro server.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/comodoro.nix>`](#)

`services.comodoro.package`

The comodoro package to use.

Type: package

Default: pkgs.comodoro

Declared by:

[`<home-manager/modules/services/comodoro.nix>`](#)

[services.comodoro.environment](#)

Extra environment variables to be exported in the service.

Type: attribute set of string

Default: { }

Example:

```
{  
    "PASSWORD_STORE_DIR" = "~/password-store";  
}
```

Declared by:

[`<home-manager/modules/services/comodoro.nix>`](#)

[services.comodoro.preset](#)

Use configuration from the given preset as defined in the configuration file.

Type: non-empty string

Declared by:

[`<home-manager/modules/services/comodoro.nix>`](#)

[services.comodoro.protocols](#)

Define protocols the server should use to accept requests.

Type: non-empty (list of non-empty string)

Declared by:

[`<home-manager/modules/services/comodoro.nix>`](#)

[services.copyq.enable](#)

Whether to enable CopyQ, a clipboard manager with advanced features.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/copyq.nix>`](#)

`services.copyq.package`

The copyq package to use.

Type: package

Default: pkgs.copyq

Declared by:

[`<home-manager/modules/services/copyq.nix>`](#)

`services.copyq.systemdTarget`

The systemd target that will automatically start the CopyQ service.

When setting this value to "sway-session.target", make sure to also enable wayland.windowManager.sway.systemd.enable, otherwise the service may never be started.

Type: string

Default: "graphical-session.target"

Example: "sway-session.target"

Declared by:

[`<home-manager/modules/services/copyq.nix>`](#)

`services.darkman.enable`

Whether to enable darkman, a tool that automatically switches dark-mode on and off based on the time of the day.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/darkman.nix>](#)

services.darkman.package

The darkman package to use.

Type: package

Default: pkgs.darkman

Declared by:

[<home-manager/modules/services/darkman.nix>](#)

services.darkman.darkModeScripts

Scripts to run when switching to “dark mode”.

Multiline strings are interpreted as Bash shell scripts and a shebang is not required.

Type: attribute set of (path or strings concatenated with “\n”)

Default: { }

Example:

```
{  
  gtk-theme = ''  
    ${pkgs.dconf}/bin/dconf write \  
      /org/gnome/desktop/interface/color-scheme "'prefer-dark'"  
    '';  
  my-python-script = pkgs.writers.writePython3 "my-python-script" { } ''  
    print('Do something!')  
  '';  
}
```

Declared by:

[<home-manager/modules/services/darkman.nix>](#)

services.darkman.lightModeScripts

Scripts to run when switching to “light mode”.

Multiline strings are interpreted as Bash shell scripts and a shebang is not required.

Type: attribute set of (path or strings concatenated with “\n”)

Default: { }

Example:

```
{  
  gtk-theme = ''  
    ${pkgs.dconf}/bin/dconf write \  
      /org/gnome/desktop/interface/color-scheme "prefer-light"  
  '';  
  my-python-script = pkgs.writers.writePython3 "my-python-script" { } ''  
    print('Do something!')  
  '';  
}
```

Declared by:

[<home-manager/modules/services/darkman.nix>](#)

services.darkman.settings

Settings for the **darkman** command. See <https://darkman.whynothugo.nl/#CONFIGURATION> for details.

Type: YAML value

Example:

```
{  
  lat = 52.3;  
  lng = 4.8;  
  usegeoclue = true;  
}
```

Declared by:

[<home-manager/modules/services/darkman.nix>](#)

[services.devilspie2.enable](#)

Whether to enable Devilspie2, a window matching utility, allowing the user to perform scripted actions on windows as they are created.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/devilspie2.nix>](#)

[services.devilspie2.config](#)

Content of file placed in the devilspie2 config directory.

Type: strings concatenated with “\n”

Default: “ ”

Example:

```
;;
if (get_window_class() == "Gnome-terminal") then
    make_always_on_top();
end
;;
```

Declared by:

[<home-manager/modules/services/devilspie2.nix>](#)

[services.dropbox.enable](#)

Whether to enable Dropbox daemon.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/dropbox.nix>](#)

[services.dropbox.path](#)

Where to put the Dropbox directory.

Type: path

Default: "\${config.home.homeDirectory}/Dropbox"

Declared by:

[<home-manager/modules/services/dropbox.nix>](#)

[services.dunst.enable](#)

Whether to enable the dunst notification daemon.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/dunst.nix>](#)

[services.dunst.package](#)

Package providing **dunst**.

Type: package

Default: pkgs.dunst

Declared by:

[<home-manager/modules/services/dunst.nix>](#)

[services.dunst.configFile](#)

Path to the configuration file read by dunst.

Note that the configuration generated by Home Manager will be written to \$XDG_CONFIG_HOME/dunst/dunstrc regardless. This allows using a mutable configuration file generated from the immutable one, useful in scenarios where live reloading is desired.

Type: string or path

Default: "\$XDG_CONFIG_HOME/dunst/dunstrc"

Declared by:

[`<home-manager/modules/services/dunst.nix>`](#)[`services.dunst.iconTheme`](#)

Set the icon theme.

Type: submodule

Default:

```
{  
    name = "hicolor";  
    package = <derivation hicolor-icon-theme-0.17>;  
    size = "32x32";  
}
```

Declared by:

[`<home-manager/modules/services/dunst.nix>`](#)[`services.dunst.iconTheme.package`](#)

Package providing the theme.

Type: package

Example: `pkgs.gnome.adwaita-icon-theme`

Declared by:

[`<home-manager/modules/services/dunst.nix>`](#)[`services.dunst.iconTheme.name`](#)

The name of the theme within the package.

Type: string

Example: "Adwaita"

Declared by:

[`<home-manager/modules/services/dunst.nix>`](#)[`services.dunst.iconTheme.size`](#)

The desired icon size.

Type: string

Default: "32x32"

Example: "16x16"

Declared by:

[<home-manager/modules/services/dunst.nix>](#)

services.dunst.settings

Configuration written to \$XDG_CONFIG_HOME/dunst/dunstrc.

Type: attribute set of attribute set of (string or boolean or signed integer or list of string)

Default: { }

Example:

```
{  
    global = {  
        width = 300;  
        height = 300;  
        offset = "30x50";  
        origin = "top-right";  
        transparency = 10;  
        frame_color = "#ecef1f";  
        font = "Droid Sans 9";  
    };  
  
    urgency_normal = {  
        background = "#37474f";  
        foreground = "#ecef1f";  
        timeout = 10;  
    };  
};
```

Declared by:

[<home-manager/modules/services/dunst.nix>](#)

services.dunst.settings.global.icon_path

Paths where dunst will look for icons.

Type: strings concatenated with ":"

Declared by:

[`<home-manager/modules/services/dunst.nix>`](#)

[services.dunst.waylandDisplay](#)

Set the service's WAYLAND_DISPLAY environment variable.

Type: string

Default: ""

Declared by:

[`<home-manager/modules/services/dunst.nix>`](#)

[services.dwm-status.enable](#)

Whether to enable dwm-status user service.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/dwm-status.nix>`](#)

[services.dwm-status.package](#)

Which dwm-status package to use.

Type: package

Default: pkgs.dwm-status

Example: "pkgs.dwm-status.override { enableAlsaUtils = false; }"

Declared by:

[`<home-manager/modules/services/dwm-status.nix>`](#)

[services.dwm-status.extraConfig](#)

Extra config of dwm-status.

Type: JSON value

Default: { }

Example:

```
{  
    separator = "#";  
  
    battery = {  
        notifier_levels = [ 2 5 10 15 20 ];  
    };  
  
    time = {  
        format = "%H:%M";  
    };  
}
```

Declared by:

[<home-manager/modules/services/dwm-status.nix>](#)

services.dwm-status.order

List of enabled features in order.

Type: list of (one of “audio”, “backlight”, “battery”, “cpu_load”, “network”, “time”)

Declared by:

[<home-manager/modules/services/dwm-status.nix>](#)

services.easyeffects.enable

Whether to enable Easyeffects daemon. Note, it is necessary to add

```
programs.dconf.enable = true;
```

to your system configuration for the daemon to work correctly.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/easyeffects.nix>`](#)

`services.easyeffects.package`

The easyeffects package to use.

Type: package

Default: pkgs.easyeffects

Declared by:

[`<home-manager/modules/services/easyeffects.nix>`](#)

`services.easyeffects.preset`

Which preset to use when starting easyeffects. Will likely need to launch easyeffects to initially create preset.

Type: string

Default: ""

Declared by:

[`<home-manager/modules/services/easyeffects.nix>`](#)

`services.emacs.enable`

Whether to enable the Emacs daemon.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/emacs.nix>`](#)

`services.emacs.package`

The Emacs package to use.

Type: package

Default:

```
if config.programs.emacs.enable then config.programs.emacs.finalPackage
else pkgs.emacs
```

Declared by:

[<home-manager/modules/services/emacs.nix>](#)

services.emacs.client.enable

Whether to enable generation of Emacs client desktop file.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/emacs.nix>](#)

services.emacs.client.arguments

Command-line arguments to pass to **emacsclient**.

Type: list of string

Default:

```
[  
  "-c"  
]
```

Declared by:

[<home-manager/modules/services/emacs.nix>](#)

services.emacs.defaultEditor

Whether to configure **emacsclient** as the default editor using the EDITOR environment variable.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/emacs.nix>](#)

services.emacs.extraOptions

Extra command-line arguments to pass to **emacs**.

Type: list of string

Default: []

Example:

```
[  
  "-f"  
  "exwm-enable"  
]
```

Declared by:

[<home-manager/modules/services/emacs.nix>](#)

services.emacs.socketActivation.enable

Whether to enable systemd socket activation for the Emacs service.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/emacs.nix>](#)

services.emacs.startWithUserSession

Whether to launch Emacs service with the systemd user session. If it is `true`, Emacs service is started by `default.target`. If it is `"graphical"`, Emacs service is started by `graphical-session.target`.

Type: boolean or value “graphical” (singular enum)

Default: !config.services.emacs.socketActivation.enable

Example: "graphical"

Declared by:

[<home-manager/modules/services/emacs.nix>](#)

services.espanso.enable

Whether to enable Espanso: cross platform text expander in Rust.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/espanso.nix>](#)

services.espanso.package

Which espanso package to use

Type: package

Default: pkgs.espanso

Declared by:

[<home-manager/modules/services/espanso.nix>](#)

services.espanso.configs

The Espanso configuration to use. See <https://espanso.org/docs/configuration/basics/> for a description of available options.

Type: YAML value

Default:

```
{  
  default = { };  
}
```

Example:

```
{  
    default = {  
        show_notifications = false;  
    };  
    vscode = {  
        filter_title = "Visual Studio Code$";  
        backend = "Clipboard";  
    };  
};
```

Declared by:

[<home-manager/modules/services/espanso.nix>](#)

services.espanso.matches

The Espanso matches to use. See <https://espanso.org/docs/matches/basics/> for a description of available options.

Type: YAML value

Default:

```
{  
    default = {  
        matches = [ ];  
    };  
}
```

Example:

```
{  
    base = {  
        matches = [  
            {  
                trigger = ":now";  
                replace = "It's {{currentdate}} {{currenttime}}";  
            };  
        ];  
    };  
}
```

```
        }
        {
            trigger = ":hello";
            replace = "line1\nline2";
        }
        {
            regex = ":hi(?:person>.*))\\.";
            replace = "Hi {{person}}!";
        }
    ];
};

global_vars = {
    global_vars = [
        {
            name = "currentdate";
            type = "date";
            params = {format = "%d/%m/%Y";};
        }
        {
            name = "currenttime";
            type = "date";
            params = {format = "%R";};
        }
    ];
};
};
```

Declared by:

[<home-manager/modules/services/espanso.nix>](#)

services.etesync-dav.enable

Whether to enable etesync-dav.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/etesync-dav.nix>](#)

[services.etesync-dav.package](#)

The etesync-dav derivation to use.

Type: package

Default: "pkgs.etesync-dav"

Declared by:

[<home-manager/modules/services/etesync-dav.nix>](#)

[services.etesync-dav.serverUrl](#)

The URL to the etesync server.

Type: string

Default: "https://api.etesync.com/"

Declared by:

[<home-manager/modules/services/etesync-dav.nix>](#)

[services.etesync-dav.settings](#)

Settings for etesync-dav, passed as environment variables.

Type: attribute set of (string or signed integer)

Default: { }

Example:

```
{  
    ETESYNC_LISTEN_ADDRESS = "localhost";  
    ETESYNC_LISTEN_PORT = 37358;  
}
```

Declared by:

[<home-manager/modules/services/etesync-dav.nix>](#)

[services.flameshot.enable](#)

Whether to enable Flameshot.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/flameshot.nix>](#)

services.flameshot.package

Package providing **flameshot**.

Type: package

Default: pkgs.flameshot

Declared by:

[<home-manager/modules/services/flameshot.nix>](#)

services.flameshot.settings

Configuration to use for Flameshot. See <https://github.com/flameshot-org/flameshot/blob/master/flameshot.example.ini> for available options.

Type: attribute set of attribute set of (INI atom (null, bool, int, float or string))

Default: { }

Example:

```
{  
    General = {  
        disabledTrayIcon = true;  
        showStartupLaunchMessage = false;  
    };  
}
```

Declared by:

[<home-manager/modules/services/flameshot.nix>](#)

services.fluidsynth.enable

Whether to enable fluidsynth midi synthesizer.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/fluidsynth.nix>`](#)

`services.fluidsynth.extraOptions`

Extra arguments, added verbatim to the fluidsynth command. See `fluidsynth.conf(1)`.

Type: list of string

Default: []

Example:

```
[  
  "--sample-rate 96000"  
]
```

Declared by:

[`<home-manager/modules/services/fluidsynth.nix>`](#)

`services.fluidsynth.soundFont`

The soundfont file to use, in SoundFont 2 format.

Type: path

Default: "\\${pkgs.soundfont-fluid}/share/soundfonts/FluidR3_GM2-2.sf2"

Declared by:

[`<home-manager/modules/services/fluidsynth.nix>`](#)

`services.fluidsynth.soundService`

The systemd sound service to depend on.

Type: one of "jack", "pipewire-pulse", "pulseaudio"

Default: "pulseaudio"

Example: "pipewire-pulse"

Declared by:

[<home-manager/modules/services/fluidsynth.nix>](#)

services.fnott.enable

Whether to enable fnott, a lightweight Wayland notification daemon for wlroots-based compositors.

.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/fnott.nix>](#)

services.fnott.package

Package providing **fnott**.

Type: package

Default: pkgs.fnott

Declared by:

[<home-manager/modules/services/fnott.nix>](#)

services.fnott.configFile

Path to the configuration file read by fnott.

Note that environment variables in the path won't be properly expanded.

The configuration specified under `services.fnott.settings` will be generated and written to `$XDG_CONFIG_HOME/fnott/fnott.ini` regardless of this option. This allows using a mutable configuration file generated from the immutable one, useful in scenarios where live reloading is desired.

Type: string or path

Default: "\$XDG_CONFIG_HOME/fnott/fnott.ini"

Declared by:

[<home-manager/modules/services/fnott.nix>](#)

services.fnott.extraFlags

Extra arguments to use for executing fnott.

Type: list of string

Default: []

Example:

```
[  
  "-s"  
]
```

Declared by:

[<home-manager/modules/services/fnott.nix>](#)

services.fnott.settings

Configuration written to \$XDG_CONFIG_HOME/fnott/fnott.ini.

See fnott.ini(5) for a list of available options and <https://codeberg.org/dnkl/fnott/src/branch/master/fnott.ini> for an example configuration.

Type: attribute set of attribute set of (INI atom (null, bool, int, float or string))

Default: { }

Example:

```
{  
  main = {  
    notification-margin = 5;  
  };  
  
  low = {  
    timeout = 5;  
    title-font = "Dina:weight:bold:slant=italic";  
    title-color = "ffffff";  
  };  
}
```

Declared by:

[<home-manager/modules/services/fnott.nix>](#)

services.fusuma.enable

Whether to enable the fusuma systemd service to automatically enable touchpad gesture.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/fusuma.nix>](#)

services.fusuma.package

Package providing **fusuma**.

Type: package

Default: pkgs.fusuma

Declared by:

[<home-manager/modules/services/fusuma.nix>](#)

services.fusuma.extraPackages

Extra packages needs to bring to the scope of fusuma service.

Type: list of package

Default: pkgs.coreutils

Example:

```
with pkgs; [ coreutils xdotool ];
```

Declared by:

[<home-manager/modules/services/fusuma.nix>](#)

services.fusuma.settings

YAML config that will override the default fusuma configuration.

Type: YAML value

Example:

```
{  
    threshold = {  
        swipe = 0.1;  
    };  
    interval = {  
        swipe = 0.7;  
    };  
    swipe = {  
        "3" = {  
            left = {  
                # GNOME: Switch to left workspace  
                command = "xdotool key ctrl+alt+Right";  
            };  
        };  
    };  
};
```

Declared by:

[<home-manager/modules/services/fusuma.nix>](#)

services.gammastep.enable

Whether to enable Gammastep.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/redshift-gammastep/gammastep.nix>](#)

services.gammastep.enableVerboseLogging

Whether to enable verbose service logging.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/redshift-gammastep/gammastep.nix>`](#)

services.gammastep.package

Gammastep derivation to use.

Type: package

Default: pkgs.gammastep

Declared by:

[`<home-manager/modules/services/redshift-gammastep/gammastep.nix>`](#)

services.gammastep.dawnTime

Set the time interval of dawn manually. The times must be specified as HH:MM in 24-hour format.

Type: null or string

Default: null

Example: "6:00-7:45"

Declared by:

[`<home-manager/modules/services/redshift-gammastep/gammastep.nix>`](#)

services.gammastep.duskTime

Set the time interval of dusk manually. The times must be specified as HH:MM in 24-hour format.

Type: null or string

Default: null

Example: "18:35-20:15"

Declared by:

[`<home-manager/modules/services/redshift-gammastep/gammastep.nix>`](#)

services.gammastep.latitude

Your current latitude, between -90.0 and 90.0. Must be provided along with longitude.

Type: null or string or floating point number

Default: null

Declared by:

[<home-manager/modules/services/redshift-gammastep/gammastep.nix>](#)

services.gammastep.longitude

Your current longitude, between -180.0 and 180.0. Must be provided along with latitude.

Type: null or string or floating point number

Default: null

Declared by:

[<home-manager/modules/services/redshift-gammastep/gammastep.nix>](#)

services.gammastep.provider

The location provider to use for determining your location. If set to manual you must also provide latitude/longitude. If set to geoclue2, you must also enable the global geoclue2 service.

Type: one of “manual”, “geoclue2”

Default: "manual"

Declared by:

[<home-manager/modules/services/redshift-gammastep/gammastep.nix>](#)

services.gammastep.settings

The configuration to pass to Gammastep. Available options for Gammastep described in gammastep(1).

Type: attribute set of attribute set of (INI atom (null, bool, int, float or string))

Default: { }

Example:

```
{  
    general = {  
        adjustment-method = "randr";
```

```
};

randr = {
  screen = 0;
};

};
```

Declared by:

[`<home-manager/modules/services/redshift-gammastep/gammastep.nix>`](#)

`services.gammastep.temperature.day`

Colour temperature to use during the day, between 1000 and 25000 K.

Type: signed integer

Default: 5500

Declared by:

[`<home-manager/modules/services/redshift-gammastep/gammastep.nix>`](#)

`services.gammastep.temperature.night`

Colour temperature to use at night, between 1000 and 25000 K.

Type: signed integer

Default: 3700

Declared by:

[`<home-manager/modules/services/redshift-gammastep/gammastep.nix>`](#)

`services.gammastep.tray`

Start the gammastep-indicator tray applet.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/redshift-gammastep/gammastep.nix>`](#)

[services.getmail.enable](#)

Whether to enable the getmail systemd service to automatically retrieve mail.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/getmail.nix>](#)

[services.getmail.frequency](#)

The refresh frequency. Check `man systemd.time` for more information on the syntax. If you use a gpg-agent in combination with the `passwordCommand`, keep the poll frequency below the `cache-ttl` value (as set by the default) to avoid pinentry asking permanently for a password.

Type: string

Default: "*:0/5"

Example: "hourly"

Declared by:

[<home-manager/modules/services/getmail.nix>](#)

[services.git-sync.enable](#)

Whether to enable git-sync services.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/git-sync.nix>](#)

[services.git-sync.package](#)

Package containing the `git-sync` program.

Type: package

Default: pkgs.git-sync

Declared by:

[`<home-manager/modules/services/git-sync.nix>`](#)

[services.git-sync.repositories](#)

The repositories that should be synchronized.

Type: attribute set of (submodule)

Declared by:

[`<home-manager/modules/services/git-sync.nix>`](#)

[services.git-sync.repositories.<name>.interval](#)

The interval, specified in seconds, at which the synchronization will be triggered even without filesystem changes.

Type: signed integer

Default: 500

Declared by:

[`<home-manager/modules/services/git-sync.nix>`](#)

[services.git-sync.repositories.<name>.path](#)

The path at which to sync the repository

Type: path

Declared by:

[`<home-manager/modules/services/git-sync.nix>`](#)

[services.git-sync.repositories.<name>.uri](#)

The URI of the remote to be synchronized. This is only used in the event that the directory does not already exist. See https://git-scm.com/docs/git-clone#_git_urls for the supported URIs.

This option is not supported on Darwin.

Type: string

Example: "git+ssh://user@example.com:~/[user]/path/to/repo.git"

Declared by:

[`<home-manager/modules/services/git-sync.nix>`](#)

[services.gnome-keyring.enable](#)

Whether to enable GNOME Keyring.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/gnome-keyring.nix>](#)

[services.gnome-keyring.components](#)

The GNOME keyring components to start. If empty then the default set of components will be started.

Type: list of (one of “pkcs11”, “secrets”, “ssh”)

Default: []

Declared by:

[<home-manager/modules/services/gnome-keyring.nix>](#)

[services.gpg-agent.enable](#)

Whether to enable GnuPG private key agent.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/gpg-agent.nix>](#)

[services.gpg-agent.enableBashIntegration](#)

Whether to enable Bash integration.

Type: boolean

Default: true

Example: true

Declared by:

[`<home-manager/modules/services/gpg-agent.nix>`](#)[`services.gpg-agent.enableExtraSocket`](#)

Whether to enable extra socket of the GnuPG key agent (useful for GPG Agent forwarding).

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/services/gpg-agent.nix>`](#)[`services.gpg-agent.enableFishIntegration`](#)

Whether to enable Fish integration.

Type: boolean

Default: true

Example: true

Declared by:

[`<home-manager/modules/services/gpg-agent.nix>`](#)[`services.gpg-agent.enableNushellIntegration`](#)

Whether to enable Nushell integration.

Type: boolean

Default: true

Example: true

Declared by:

[`<home-manager/modules/services/gpg-agent.nix>`](#)[`services.gpg-agent.enableScDaemon`](#)

Make use of the scdaemon tool. This option has the effect of enabling the ability to do smartcard operations. When disabled, this option passes disable-scdaemon setting to gpg-agent.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/services/gpg-agent.nix>`](#)[`services.gpg-agent.enableSshSupport`](#)

Whether to use the GnuPG key agent for SSH keys.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/services/gpg-agent.nix>`](#)[`services.gpg-agent.enableZshIntegration`](#)

Whether to enable Zsh integration.

Type: boolean

Default: true

Example: true

Declared by:

[`<home-manager/modules/services/gpg-agent.nix>`](#)[`services.gpg-agent.defaultCacheTtl`](#)

Set the time a cache entry is valid to the given number of seconds.

Type: null or signed integer

Default: null

Declared by:

[`<home-manager/modules/services/gpg-agent.nix>`](#)[`services.gpg-agent.defaultCacheTtlSsh`](#)

Set the time a cache entry used for SSH keys is valid to the given number of seconds.

Type: null or signed integer

Default: null

Declared by:

[`<home-manager/modules/services/gpg-agent.nix>`](#)

services.gpg-agent.extraConfig

Extra configuration lines to append to the gpg-agent configuration file.

Type: strings concatenated with “\n”

Default: “ ”

Example:

```
  allow-  
    emacs-pinentry  
  allow-loopback-pinentry
```

Declared by:

[<home-manager/modules/services/gpg-agent.nix>](#)

services.gpg-agent.grabKeyboardAndMouse

Tell the pinentry to grab the keyboard and mouse. This option should in general be used to avoid X-sniffing attacks. When disabled, this option passes no-grab setting to gpg-agent.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/services/gpg-agent.nix>](#)

services.gpg-agent.maxCacheTtl

Set the maximum time a cache entry is valid to n seconds. After this time a cache entry will be expired even if it has been accessed recently or has been set using gpg-preset-passphrase. The default is 2 hours (7200 seconds).

Type: null or signed integer

Default: null

Declared by:

[<home-manager/modules/services/gpg-agent.nix>](#)

services.gpg-agent.maxCacheTtlSsh

Set the maximum time a cache entry used for SSH keys is valid to n seconds. After this time a cache entry will be expired even if it has been accessed recently or has been set using gpg-preset-passphrase. The default is 2 hours (7200 seconds).

Type: null or signed integer

Default: null

Declared by:

[`<home-manager/modules/services/gpg-agent.nix>`](#)

`services.gpg-agent.pinentryFlavor`

Which pinentry interface to use. If not null, it sets pinentry-program in gpg-agent.conf.

Beware that pinentry-gnome3 may not work on non-Gnome systems. You can fix it by adding the following to your system configuration:

```
services dbus packages = [ pkgs.gcr ];
```

Type: null or one of “curses”, “tty”, “gtk2”, “emacs”, “gnome3”, “qt”

Default: null

Example: "gnome3"

Declared by:

[`<home-manager/modules/services/gpg-agent.nix>`](#)

`services.gpg-agent.sshKeys`

Which GPG keys (by keygrip) to expose as SSH keys.

Type: null or (list of string)

Default: null

Declared by:

[`<home-manager/modules/services/gpg-agent.nix>`](#)

`services.gpg-agent.verbose`

Whether to produce verbose output.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/services/gpg-agent.nix>`](#)

`services.grobi.enable`

Whether to enable the grobi display setup daemon.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/grobi.nix>`](#)

`services.grobi.executeAfter`

Commands to be run after an output configuration was changed. The Nix value declared here will be translated to JSON and written to the `execute_after` key in `$XDG_CONFIG_HOME/grobi.conf`.

Type: list of string

Default: []

Example:

```
[  
  "setxkbmap dvorak"  
]
```

Declared by:

[`<home-manager/modules/services/grobi.nix>`](#)

`services.grobi.rules`

These are the rules grobi tries to match to the current output configuration. The rules are evaluated top to bottom, the first matching rule is applied and processing stops. See <https://github.com/fd0/grobi/blob/master/doc/grobi.conf> for more information. The Nix value declared here will be translated to JSON and written to the `rules` key in `$XDG_CONFIG_HOME/grobi.conf`.

Type: list of attribute set of (string or boolean or signed integer or list of string)

Default: []

Example:

```
[  
 {  
   name = "Home";  
   outputs_connected = [ "DP-2" ];  
   configure_single = "DP-2";  
   primary = true;  
   atomic = true;  
   execute_after = [  
     "${pkgs.xorg.xrandr}/bin/xrandr --dpi 96"  
     "${pkgs.xmonad-with-packages}/bin/xmonad --restart";  
   ];  
 }  
 {  
   name = "Mobile";  
   outputs_disconnected = [ "DP-2" ];  
   configure_single = "eDP-1";  
   primary = true;  
   atomic = true;  
   execute_after = [  
     "${pkgs.xorg.xrandr}/bin/xrandr --dpi 120"  
     "${pkgs.xmonad-with-packages}/bin/xmonad --restart";  
   ];  
 }  
]
```

Declared by:

[<home-manager/modules/services/grobi.nix>](#)

[services.gromit-mpx.enable](#)

Whether to enable Gromit-MPX annotation tool.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/gromit-mpx.nix>](#)

services.gromit-mpx.package

The gromit-mpx package to use.

Type: package

Default: "pkgs.gromit-mpx"

Declared by:

[<home-manager/modules/services/gromit-mpx.nix>](#)

services.gromit-mpx.hotKey

A keysym or raw keycode that toggles the activation state of gromit-mpx. Set to null to disable the hotkey in which case you'll have to activate gromit-mpx manually using the command line.

Type: null or string or (positive integer, meaning >0)

Default: "F9"

Example: "Insert"

Declared by:

[<home-manager/modules/services/gromit-mpx.nix>](#)

services.gromit-mpx.opacity

Opacity of the drawing overlay.

Type: float between 0.0 and 1.0 (inclusive)

Default: 0.75

Example: 1.0

Declared by:

[<home-manager/modules/services/gromit-mpx.nix>](#)

services.gromit-mpx.tools

Tool definitions for gromit-mpx to use.

Type: list of (submodule)

Default:

```
[  
 {  
   color = "red";  
   device = "default";  
   size = 5;  
   type = "pen";  
 }  
 {  
   color = "blue";  
   device = "default";  
   modifiers = [  
     "SHIFT"  
   ];  
   size = 5;  
   type = "pen";  
 }  
 {  
   color = "yellow";  
   device = "default";  
   modifiers = [  
     "CONTROL"  
   ];  
   size = 5;  
   type = "pen";  
 }  
 {  
   arrowSize = 1;  
   color = "green";  
   device = "default";  
   modifiers = [  
     "2"  
   ];  
   size = 6;  
   type = "pen";  
 }  
 {  
   device = "default";  
   modifiers = [  
     "3"  
   ];  
   size = 75;
```

```
    type = "eraser";
}
]
```

Declared by:

[`<home-manager/modules/services/gromit-mpx.nix>`](#)

`services.gromit-mpx.tools.*.arrowSize`

If not null, automatically draw an arrow at the end of a stroke with the given size.

Type: null or (positive integer, meaning >0)

Default: null

Example: 2

Declared by:

[`<home-manager/modules/services/gromit-mpx.nix>`](#)

`services.gromit-mpx.tools.*.color`

The stroke (or recolor) color of the tool.

Type: string

Default: "red"

Example: "#ff00ff"

Declared by:

[`<home-manager/modules/services/gromit-mpx.nix>`](#)

`services.gromit-mpx.tools.*.device`

Use this tool with the given xinput device. The device with the name default works with any input.

Type: string

Example: "default"

Declared by:

[`<home-manager/modules/services/gromit-mpx.nix>`](#)

`services.gromit-mpx.tools.*.modifiers`

Only activate this tool if the given modifiers are also active.

Type: list of (one of “1”, “2”, “3”, “4”, “5”, “SHIFT”, “CONTROL”, “ALT”, “META”)

Default: []

Example:

```
[  
  "SHIFT"  
]
```

Declared by:

[`<home-manager/modules/services/gromit-mpx.nix>`](#)

`services.gromit-mpx.tools.*.size`

The tool size.

Type: positive integer, meaning >0

Default: 5

Example: 3

Declared by:

[`<home-manager/modules/services/gromit-mpx.nix>`](#)

`services.gromit-mpx.tools.*.type`

Which type of tool this is.

Type: one of “pen”, “eraser”, “recolor”

Default: “pen”

Example: “eraser”

Declared by:

[`<home-manager/modules/services/gromit-mpx.nix>`](#)

`services.gromit-mpx.undoKey`

A keysym or raw keycode that causes gromit-mpx to undo the last stroke. Use this key along with the shift key to redo an undone stoke. Set to null to disable the undo hotkey.

Type: null or string or (positive integer, meaning >0)

Default: "F10"

Declared by:

[<home-manager/modules/services/gromit-mpx.nix>](#)

services.himalaya-notify.enable

Whether to enable the Himalaya new emails notifier service.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/programs/himalaya.nix>](#)

services.himalaya-notify.environment

Extra environment variables to be exported in the service.

Type: attribute set of string

Default: { }

Example:

```
{  
  "PASSWORD_STORE_DIR" = "~/.password-store";  
}
```

Declared by:

[<home-manager/modules/programs/himalaya.nix>](#)

services.himalaya-notify.settings.account

Name of the account the notifier should be started for. If no account is given, the default one is used.

Type: null or string

Default: null

Example: "gmail"

Declared by:

[`<home-manager/modules/programs/himalaya.nix>`](#)

`services.himalaya-notify.settings.keepalive`

Notifier lifetime of the IDLE session (in seconds).

Type: null or signed integer

Default: null

Example: "500"

Declared by:

[`<home-manager/modules/programs/himalaya.nix>`](#)

`services.himalaya-watch.enable`

Whether to enable the Himalaya folder changes watcher service.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/programs/himalaya.nix>`](#)

`services.himalaya-watch.environment`

Extra environment variables to be exported in the service.

Type: attribute set of string

Default: { }

Example:

```
{  
  "PASSWORD_STORE_DIR" = "~/.password-store";  
}
```

Declared by:

[`<home-manager/modules/programs/himalaya.nix>`](#)

`services.himalaya-watch.settings.account`

Name of the account the watcher should be started for. If no account is given, the default one is used.

Type: null or string

Default: null

Example: "gmail"

Declared by:

[`<home-manager/modules/programs/himalaya.nix>`](#)

`services.himalaya-watch.settings.keepalive`

Watcher lifetime of the IDLE session (in seconds).

Type: null or signed integer

Default: null

Example: "500"

Declared by:

[`<home-manager/modules/programs/himalaya.nix>`](#)

`services.home-manager.autoUpgrade.enable`

Whether to enable the Home Manager upgrade service that periodically updates your Nix channels before running `home-manager switch`.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/home-manager-auto-upgrade.nix>`](#)

`services.home-manager.autoUpgrade.frequency`

The interval at which the Home Manager auto upgrade is run. This value is passed to the systemd timer configuration as the `OnCalendar` option. The format is described in [systemd.time\(7\)](#).

Type: string

Example: "weekly"

Declared by:

[`<home-manager/modules/services/home-manager-auto-upgrade.nix>`](#)

`services.hound.enable`

Whether to enable hound.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/hound.nix>`](#)

`services.hound.databasePath`

The Hound database path.

Type: path

Default: "\$XDG_DATA_HOME/hound"

Declared by:

[`<home-manager/modules/services/hound.nix>`](#)

`services.hound.listenAddress`

Listen address of the Hound daemon.

Type: string

Default: "localhost:6080"

Declared by:

[`<home-manager/modules/services/hound.nix>`](#)[`services.hound.maxConcurrentIndexers`](#)

Limit the amount of concurrent indexers.

Type: positive integer, meaning >0

Default: 2

Declared by:

[`<home-manager/modules/services/hound.nix>`](#)[`services.hound.repositories`](#)

The repository configuration.

Type: attribute set of (JSON value)

Default: { }

Example:

```
{  
  SomeGitRepo = {  
    url = "https://www.github.com/YourOrganization/RepoOne.git";  
    ms-between-poll = 10000;  
    exclude-dot-files = true;  
  };  
}
```

Declared by:

[`<home-manager/modules/services/hound.nix>`](#)[`services imapnotify.enable`](#)

Whether to enable imapnotify.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/imapnotify.nix>`](#)

`services imapnotify.package`

The `imapnotify` package to use

Type: package

Default: `pkgs.goimapnotify`

Example: `pkgs imapnotify`

Declared by:

[`<home-manager/modules/services/imapnotify.nix>`](#)

`services kanshi.enable`

Whether to enable `kanshi`, a Wayland daemon that automatically configures outputs.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/kanshi.nix>`](#)

`services kanshi.package`

`kanshi` derivation to use.

Type: package

Default: `pkgs.kanshi`

Declared by:

[`<home-manager/modules/services/kanshi.nix>`](#)

`services kanshi.extraConfig`

Extra configuration lines to append to the `kanshi` configuration file.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[`<home-manager/modules/services/kanshi.nix>`](#)

[`services.kanshi.profiles`](#)

List of profiles.

Type: attribute set of (submodule)

Default: { }

Example:

```
undocked = {
  outputs = [
    {
      criteria = "eDP-1";
    }
  ];
};

docked = {
  outputs = [
    {
      criteria = "eDP-1";
    }
    {
      criteria = "Some Company ASDF 4242";
      transform = "90";
    }
  ];
};
```

Declared by:

[`<home-manager/modules/services/kanshi.nix>`](#)

[`services.kanshi.profiles.<name>.exec`](#)

Commands executed after the profile is successfully applied. Note that if you provide multiple commands, they will be executed asynchronously with no guaranteed ordering.

Type: (list of string) or string convertible to it

Default: []

Example: "[`\\$pkg.sway`/bin/swaymsg workspace 1, move workspace to eDP-1]"

Declared by:

[`<home-manager/modules/services/kanshi.nix>`](#)

`services.kanshi.profiles.<name>.outputs`

Outputs configuration.

Type: list of (submodule)

Default: []

Declared by:

[`<home-manager/modules/services/kanshi.nix>`](#)

`services.kanshi.profiles.<name>.outputs.*.adaptiveSync`

Enables or disables adaptive synchronization (aka. Variable Refresh Rate).

Type: null or boolean

Default: null

Example: true

Declared by:

[`<home-manager/modules/services/kanshi.nix>`](#)

`services.kanshi.profiles.<name>.outputs.*.criteria`

The criteria can either be an output name, an output description or “*”. The latter can be used to match any output.

On sway(1), output names and descriptions can be obtained via swaymsg -t get_outputs.

Type: string

Declared by:

[`<home-manager/modules/services/kanshi.nix>`](#)

`services.kanshi.profiles.<name>.outputs.*.mode`

`<width>x<height>[@<rate>[Hz]]`

Configures the specified output to use the specified mode. Modes are a combination of width and

height (in pixels) and a refresh rate (in Hz) that your display can be configured to use.

Type: null or string

Default: null

Example: "1920x1080@60Hz"

Declared by:

[<home-manager/modules/services/kanshi.nix>](#)

services.kanshi.profiles.<name>.outputs.*.position

<x>,<y>

Places the output at the specified position in the global coordinates space.

Type: null or string

Default: null

Example: "1600,0"

Declared by:

[<home-manager/modules/services/kanshi.nix>](#)

services.kanshi.profiles.<name>.outputs.*.scale

Scales the output by the specified scale factor.

Type: null or floating point number

Default: null

Example: 2

Declared by:

[<home-manager/modules/services/kanshi.nix>](#)

services.kanshi.profiles.<name>.outputs.*.status

Enables or disables the specified output.

Type: null or one of “enable”, “disable”

Default: null

Declared by:

[`<home-manager/modules/services/kanshi.nix>`](#)[`services.kanshi.profiles.<name>.outputs.*.transform`](#)

Sets the output transform.

Type: null or one of “normal”, “90”, “180”, “270”, “flipped”, “flipped-90”, “flipped-180”, “flipped-270”

Default: null

Declared by:

[`<home-manager/modules/services/kanshi.nix>`](#)[`services.kanshi.systemdTarget`](#)

Systemd target to bind to.

Type: string

Default: "sway-session.target"

Declared by:

[`<home-manager/modules/services/kanshi.nix>`](#)[`services.kbfs.enable`](#)

Whether to enable Keybase File System.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/kbfs.nix>`](#)[`services.kbfs.extraFlags`](#)

Additional flags to pass to the Keybase filesystem on launch.

Type: list of string

Default: []

Example:

```
[  
  "-label kbfs"  
  "-mount-type normal"  
]
```

Declared by:

[<home-manager/modules/services/kbfs.nix>](#)

services.kbfs.mountPoint

Mount point for the Keybase filesystem, relative to HOME.

Type: string

Default: "keybase"

Declared by:

[<home-manager/modules/services/kbfs.nix>](#)

services.kdeconnect.enable

Whether to enable KDE connect.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/kdeconnect.nix>](#)

services.kdeconnect.indicator

Whether to enable kdeconnect-indicator service.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/services/kdeconnect.nix>](#)

services.keybase.enable

Whether to enable Keybase.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/keybase.nix>`](#)

`services.keynav.enable`

Whether to enable keynav.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/keynav.nix>`](#)

`services.lieer.enable`

Whether to enable lieer Gmail synchronization service.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/lieer.nix>`](#)

`services.listenbrainz-mpd.enable`

Whether to enable listenbrainz-mpd.

Type: boolean

Default: false

Example: true

Declared by:

[home-manager/modules/services/listenbrainz-mpd.nix](#)[services.listenbrainz-mpd.package](#)

The listenbrainz-mpd package to use.

Type: package

Default: pkgs.listenbrainz-mpd

Declared by:

[home-manager/modules/services/listenbrainz-mpd.nix](#)[services.listenbrainz-mpd.settings](#)

Configuration for listenbrainz-mpd written to \$XDG_CONFIG_HOME/listenbrainz-mpd/config.toml.

Type: TOML value

Default: { }

Example:

```
{  
  submission = {  
    tokenFile = "/run/secrets/listenbrainz-mpd";  
  };  
}
```

Declared by:

[home-manager/modules/services/listenbrainz-mpd.nix](#)[services.lorri.enable](#)

Whether to enable lorri build daemon.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/lorri.nix>`](#)`services.lorri.enableNotifications`

Whether to enable lorri build notifications.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/lorri.nix>`](#)`services.lorri.package`

Which lorri package to install.

Type: package

Default: pkgs.lorri

Declared by:

[`<home-manager/modules/services/lorri.nix>`](#)`services.lorri.nixPackage`

Which nix package to use.

Type: package

Default: pkgs.nix

Example: pkgs.nixVersions.unstable

Declared by:

[`<home-manager/modules/services/lorri.nix>`](#)`services.mako.enable`

Whether to enable Mako, lightweight notification daemon for Wayland .

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/mako.nix>`](#)

[`services.mako.package`](#)

The mako package to use.

Type: package

Default: pkgs.mako

Declared by:

[`<home-manager/modules/services/mako.nix>`](#)

[`services.mako.actions`](#)

Applications may request an action to be associated with activating a notification. Disabling this will cause mako to ignore these requests.

Type: null or boolean

Default: true

Declared by:

[`<home-manager/modules/services/mako.nix>`](#)

[`services.mako.anchor`](#)

Show notifications at the specified position on the output. Supported values are top-right, top-center, top-left, bottom-right, bottom-center, bottom-left, and center.

Type: null or one of “top-right”, “top-center”, “top-left”, “bottom-right”, “bottom-center”, “bottom-left”, “center”

Default: "top-right"

Declared by:

[`<home-manager/modules/services/mako.nix>`](#)

[`services.mako.backgroundColor`](#)

Set popup background color to a specific color, represented in hex color code.

Type: null or string

Default: "#285577FF"

Declared by:

[`<home-manager/modules/services/mako.nix>`](#)

[`services.mako.borderColor`](#)

Set popup border color to a specific color, represented in hex color code.

Type: null or string

Default: "#4C7899FF"

Declared by:

[`<home-manager/modules/services/mako.nix>`](#)

[`services.mako.borderRadius`](#)

Set popup corner radius to the specified number of pixels.

Type: null or signed integer

Default: 0

Declared by:

[`<home-manager/modules/services/mako.nix>`](#)

[`services.mako.borderWidth`](#)

Set popup border size to the specified number of pixels.

Type: null or signed integer

Default: 1

Declared by:

[`<home-manager/modules/services/mako.nix>`](#)

[`services.mako.defaultTimeout`](#)

Set the default timeout to timeout in milliseconds. To disable the timeout, set it to zero.

Type: null or signed integer

Default: 0

Declared by:

[`<home-manager/modules/services/mako.nix>`](#)

services.mako.extraConfig

Additional configuration.

Type: strings concatenated with “\n”

Default: “ ”

Example:

```
[urgency=low]
border-color=#b8bb26
```

Declared by:

[<home-manager/modules/services/mako.nix>](#)

services.mako.font

Font to use, in Pango format.

Type: null or string

Default: “monospace 10”

Declared by:

[<home-manager/modules/services/mako.nix>](#)

services.mako.format

Set notification format string to format. See FORMAT SPECIFIERS for more information. To change this for grouped notifications, set it within a grouped criteria.

Type: null or string

Default: “%s\n%b”

Declared by:

[<home-manager/modules/services/mako.nix>](#)

services.mako.groupBy

A comma-separated list of criteria fields that will be compared to other visible notifications to determine if this one should form a group with them. All listed criteria must be exactly equal for two notifications to group.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/services/mako.nix>`](#)

`services.mako.height`

Set maximum height of notification popups. Notifications whose text takes up less space are shrunk to fit.

Type: null or signed integer

Default: 100

Declared by:

[`<home-manager/modules/services/mako.nix>`](#)

`services.mako.iconPath`

Paths to search for icons when a notification specifies a name instead of a full path. Colon-delimited. This approximates the search algorithm used by the XDG Icon Theme Specification, but does not support any of the theme metadata. Therefore, if you want to search parent themes, you'll need to add them to the path manually.

The `/usr/share/icons/hicolor` and `/usr/share/pixmaps` directories are always searched.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/services/mako.nix>`](#)

`services.mako.icons`

Whether or not to show icons in notifications.

Type: null or boolean

Default: true

Declared by:

[`<home-manager/modules/services/mako.nix>`](#)

`services.mako.ignoreTimeout`

If set, mako will ignore the expire timeout sent by notifications and use the one provided by default-timeout instead.

Type: null or boolean

Default: false

Declared by:

[`<home-manager/modules/services/mako.nix>`](#)

[`services.mako.layer`](#)

Arrange mako at the specified layer, relative to normal windows. Supported values are background, bottom, top, and overlay. Using overlay will cause notifications to be displayed above fullscreen windows, though this may also occur at top depending on your compositor.

Type: null or one of “background”, “bottom”, “top”, “overlay”

Default: "top"

Declared by:

[`<home-manager/modules/services/mako.nix>`](#)

[`services.mako.margin`](#)

Set margin of each edge specified in pixels. Specify single value to apply margin on all sides. Two comma-separated values will set vertical and horizontal edges separately. Four comma-separated will give each edge a separate value. For example: 10,20,5 will set top margin to 10, left and right to 20 and bottom to five.

Type: null or string

Default: "10"

Declared by:

[`<home-manager/modules/services/mako.nix>`](#)

[`services.mako.markup`](#)

If 1, enable Pango markup. If 0, disable Pango markup. If enabled, Pango markup will be interpreted in your format specifier and in the body of notifications.

Type: null or boolean

Default: true

Declared by:

[`<home-manager/modules/services/mako.nix>`](#)`services.mako.maxIconSize`

Set maximum icon size to the specified number of pixels.

Type: null or signed integer

Default: 64

Declared by:

[`<home-manager/modules/services/mako.nix>`](#)`services.mako.maxVisible`

Set maximum number of visible notifications. Set -1 to show all.

Type: null or signed integer

Default: 5

Declared by:

[`<home-manager/modules/services/mako.nix>`](#)`services.mako.output`

Show notifications on the specified output. If empty, notifications will appear on the focused output. Requires the compositor to support the Wayland protocol xdg-output-unstable-v1 version 2.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/services/mako.nix>`](#)`services.mako.padding`

Set padding of each edge specified in pixels. Specify single value to apply margin on all sides.

Two comma-separated values will set vertical and horizontal edges separately. Four comma-separated will give each edge a separate value. For example: 10,20,5 will set top margin to 10, left and right to 20 and bottom to five.

Type: null or string

Default: "5"

Declared by:

[`<home-manager/modules/services/mako.nix>`](#)[`services.mako.progressColor`](#)

Set popup progress indicator color to a specific color, represented in hex color code. To draw the progress indicator on top of the background color, use the `over` attribute. To replace the background color, use the `source` attribute (this can be useful when the notification is semi-transparent).

Type: null or string

Default: "over #5588AFF"

Declared by:

[`<home-manager/modules/services/mako.nix>`](#)[`services.mako.sort`](#)

Sorts incoming notifications by time and/or priority in ascending(+) or descending(-) order.

Type: null or one of "+time", "-time", "+priority", "-priority"

Default: "-time"

Declared by:

[`<home-manager/modules/services/mako.nix>`](#)[`services.mako.textColor`](#)

Set popup text color to a specific color, represented in hex color code.

Type: null or string

Default: "#FFFFFF"

Declared by:

[`<home-manager/modules/services/mako.nix>`](#)[`services.mako.width`](#)

Set width of notification popups in specified number of pixels.

Type: null or signed integer

Default: 300

Declared by:

[<home-manager/modules/services/mako.nix>](#)[services.mbsync.enable](#)

Whether to enable mbsync.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/mbsync.nix>](#)[services.mbsync.package](#)

The package to use for the mbsync binary.

Type: package

Default: pkgs.isync

Example: pkgs.isync

Declared by:

[<home-manager/modules/services/mbsync.nix>](#)[services.mbsync.configFile](#)

Optional configuration file to link to use instead of the default file (~/.mbsyncrc).

Type: null or path

Default: null

Declared by:

[<home-manager/modules/services/mbsync.nix>](#)[services.mbsync.frequency](#)

How often to run mbsync. This value is passed to the systemd timer configuration as the onCalendar option. See [systemd.time\(7\)](#) for more information about the format.

Type: string

Default: "*:0/5"

Declared by:

[`<home-manager/modules/services/mbsync.nix>`](#)[`services.mbsync.postExec`](#)

An optional command to run after mbsync executes successfully. This is useful for running mailbox indexing tools.

Type: null or string

Default: null

Example: "`\${pkgs.mu}/bin/mu index`"

Declared by:

[`<home-manager/modules/services/mbsync.nix>`](#)[`services.mbsync.preExec`](#)

An optional command to run before mbsync executes. This is useful for creating the directories mbsync is going to use.

Type: null or string

Default: null

Example: "`mkdir -p %h/mail`"

Declared by:

[`<home-manager/modules/services/mbsync.nix>`](#)[`services.mbsync.verbose`](#)

Whether mbsync should produce verbose output.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/services/mbsync.nix>`](#)[`services.megasync.enable`](#)

Whether to enable Megasync client.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/megasync.nix>`](#)

`services.megasync.package`

The megasync package to use.

Type: package

Default: pkgs.megasync

Declared by:

[`<home-manager/modules/services/megasync.nix>`](#)

`services.mopidy.enable`

Whether to enable Mopidy music player daemon.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/mopidy.nix>`](#)

`services.mopidy.extensionPackages`

Mopidy extensions that should be loaded by the service.

Type: list of package

Default: []

Example: with pkgs; [mopidy-spotify mopidy-mpd mopidy-mpris]

Declared by:

[`<home-manager/modules/services/mopidy.nix>`](#)

`services.mopidy.extraConfigFiles`

Extra configuration files read by Mopidy when the service starts. Later files in the list override earlier configuration files and structured settings.

Type: list of path

Default: []

Declared by:

[<home-manager/modules/services/mopidy.nix>](#)

[services.mopidy.settings](#)

Configuration written to \$XDG_CONFIG_HOME/mopidy/mopidy.conf.

See <https://docs.mopidy.com/en/latest/config/> for more details.

Type: attribute set of attribute set of (Mopidy config value)

Default: { }

Example:

```
{  
    file = {  
        media_dirs = [  
            "$XDG_MUSIC_DIR|Music"  
            "~/library|Library"  
        ];  
        follow_symlinks = true;  
        excluded_file_extensions = [  
            ".html"  
            ".zip"  
            ".jpg"  
            ".jpeg"  
            ".png"  
        ];  
    };  
  
    # Please don't put your mopidy-spotify configuration in the public. :)  
    # Think of your Spotify Premium subscription!  
    spotify = {  
        client_id = "CLIENT_ID";  
        client_secret = "CLIENT_SECRET";  
    };  
}
```

Declared by:

[`<home-manager/modules/services/mopidy.nix>`](#)[`services.mpd.enable`](#)

Whether to enable MPD, the music player daemon.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/services/mpd.nix>`](#)[`services.mpd.package`](#)

The MPD package to run.

Type: package

Default: "pkgs.mpd"

Declared by:

[`<home-manager/modules/services/mpd.nix>`](#)[`services.mpd.dataDir`](#)

The directory where MPD stores its state, tag cache, playlists etc.

Type: path

Default: "\$XDG_DATA_HOME/mpd"

Declared by:

[`<home-manager/modules/services/mpd.nix>`](#)[`services.mpd.dbFile`](#)

The path to MPD's database. If set to null the parameter is omitted from the configuration.

Type: null or string

Default: "\\${dataDir}/tag_cache"

Declared by:

[`<home-manager/modules/services/mpd.nix>`](#)[`services.mpd.extraArgs`](#)

Extra command-line arguments to pass to MPD.

Type: list of string

Default: []

Example:

```
[  
  "- -verbose"  
]
```

Declared by:

[<home-manager/modules/services/mpd.nix>](#)

services.mpd.extraConfig

Extra directives added to the end of MPD's configuration file, mpd.conf. Basic configuration like file location and uid/gid is added automatically to the beginning of the file. For available options see [mpd.conf\(5\)](#).

Type: strings concatenated with "\n"

Default: ""

Declared by:

[<home-manager/modules/services/mpd.nix>](#)

services.mpd.musicDirectory

The directory where mpd reads music from.

If [xdg.userDirs.enable](#) is true then the defined XDG music directory is used. Otherwise, you must explicitly specify a value.

Type: path or string

Default:

```
 ${home.homeDirectory}/music      if state version < 22.11
 ${xdg.userDirs.music}          if xdg.userDirs.enable == true
 undefined                      otherwise
```

Declared by:

[<home-manager/modules/services/mpd.nix>](#)

services.mpd.network.listenAddress

The address for the daemon to listen on. Use any to listen on all addresses.

Type: string

Default: "127.0.0.1"

Example: "any"

Declared by:

[<home-manager/modules/services/mpd.nix>](#)

services.mpd.network.port

The TCP port on which the the daemon will listen.

Type: 16 bit unsigned integer; between 0 and 65535 (both inclusive)

Default: 6600

Declared by:

[<home-manager/modules/services/mpd.nix>](#)

services.mpd.network.startWhenNeeded

Enable systemd socket activation.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/services/mpd.nix>](#)

services.mpd.playlistDirectory

The directory where mpd stores playlists.

Type: path

Default: "\\${dataDir}/playlists"

Declared by:

[<home-manager/modules/services/mpd.nix>](#)

services.mpd-discord-rpc.enable

Whether to enable the mpd-discord-rpc service.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/mpd-discord-rpc.nix>](#)

services.mpd-discord-rpc.package

mpd-discord-rpc package to use.

Type: package

Default: pkgs.mpd-discord-rpc

Declared by:

[<home-manager/modules/services/mpd-discord-rpc.nix>](#)

services.mpd-discord-rpc.settings

Configuration included in config.toml. For available options see <https://github.com/JakeStanger/mpd-discord-rpc#configuration>

Type: TOML value

Default: { }

Example:

```
{  
    hosts = [ "localhost:6600" ];  
    format = {
```

```
    details = "$title";
    state = "On $album by $artist";
  };
}
```

Declared by:

[`<home-manager/modules/services/mpd-discord-rpc.nix>`](#)

`services.mpd-mpрис.enable`

The `enable` setting for the `mpd-mpрис` service.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/mpd-mpрис.nix>`](#)

`services.mpd-mpritis.package`

The mpd-mpritis package to use.

Type: package

Default: pkgs.mpd-mpritis

Declared by:

[`<home-manager/modules/services/mpd-mpritis.nix>`](#)

`services.mpd-mpritis.mpd.host`

The address where MPD is listening for connections.

Type: null or string

Default: null

Example: "192.168.1.1"

Declared by:

[`<home-manager/modules/services/mpd-mpritis.nix>`](#)

[services.mpd-mpрис.mpd.network](#)

The network used to dial to the MPD server. Check <https://golang.org/pkg/net/#Dial> for available values (most common are “tcp” and “unix”)

Type: null or string

Default: null

Declared by:

[<home-manager/modules/services/mpd-mpрис.nix>](#)

[services.mpd-mpritis.mpd.password](#)

The password to connect to MPD.

Type: null or string

Default: null

Declared by:

[<home-manager/modules/services/mpd-mpritis.nix>](#)

[services.mpd-mpritis.mpd.port](#)

The port number where MPD is listening for connections.

Type: null or 16 bit unsigned integer; between 0 and 65535 (both inclusive)

Default: null

Declared by:

[<home-manager/modules/services/mpd-mpritis.nix>](#)

[services.mpd-mpritis.mpd.useLocal](#)

Whether to configure for the local MPD daemon. If true the network, host, and port settings are ignored.

Type: boolean

Default: config.services.mpd.enable

Declared by:

[<home-manager/modules/services/mpd-mpritis.nix>](#)

[services.mpdris2.enable](#)

Whether to enable mpDris2 the MPD to MPRIS2 bridge.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/mpdris2.nix>`](#)

[services.mpdris2.package](#)

The mpDris2 package to use.

Type: package

Default: pkgs.mpdris2

Declared by:

[`<home-manager/modules/services/mpdris2.nix>`](#)

[services.mpdris2.mpd.host](#)

The address where MPD is listening for connections.

Type: string

Default: "config.services.mpd.network.listenAddress"

Example: "192.168.1.1"

Declared by:

[`<home-manager/modules/services/mpdris2.nix>`](#)

[services.mpdris2.mpd.musicDirectory](#)

If set, mpDris2 will use this directory to access music artwork.

Type: null or path

Default: "config.services.mpd.musicDirectory"

Declared by:

[`<home-manager/modules/services/mpdris2.nix>`](#)

[services.mpdris2.mpd.password](#)

The password to connect to MPD.

Type: null or string

Default: null

Declared by:

[<home-manager/modules/services/mpdris2.nix>](#)

services.mpdris2.mpd.port

The port number where MPD is listening for connections.

Type: 16 bit unsigned integer; between 0 and 65535 (both inclusive)

Default: "config.services.mpd.network.port"

Declared by:

[<home-manager/modules/services/mpdris2.nix>](#)

services.mpdris2.multimediaKeys

Whether to enable multimedia key support.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/mpdris2.nix>](#)

services.mpdris2.notifications

Whether to enable song change notifications.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/mpdris2.nix>](#)

services.mpris-proxy.enable

Whether to enable a proxy forwarding Bluetooth MIDI controls via MPRIS2 to control media players.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/mpрис-proxy.nix>`](#)

services.muchsync.remotes

Muchsync remotes to synchronise with.

Type: attribute set of (submodule)

Default: { }

Example:

```
{  
    server = {  
        frequency = "*:0/10";  
        remote.host = "server.tld";  
    };  
}
```

Declared by:

[`<home-manager/modules/services/muchsync.nix>`](#)

services.muchsync.remotes.<name>.frequency

How often to run **muchsync**. This value is passed to the systemd timer configuration as the OnCalendar option. See [systemd.time\(7\)](#) for more information about the format.

Type: string

Default: "*:0/5"

Declared by:

[`<home-manager/modules/services/muchsync.nix>`](#)

[services.muchsync.remotes.<name>.local.checkForModifiedFiles](#)

Check for locally modified files. Without this option, muchsync assumes that files in a maildir are never edited.

checkForModifiedFiles disables certain optimizations so as to make muchsync at least check the timestamp on every file, which will detect modified files at the cost of a longer startup time.

This option is useful if your software regularly modifies the contents of mail files (e.g., because you are running offlineimap with “synclabels = yes”).

Type: boolean

Default: false

Declared by:

[<home-manager/modules/services/muchsync.nix>](#)

[services.muchsync.remotes.<name>.local.importNew](#)

Whether to begin the synchronisation by running **notmuch new** locally.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/services/muchsync.nix>](#)

[services.muchsync.remotes.<name>.remote.checkForModifiedFiles](#)

Check for modified files on the remote side. Without this option, muchsync assumes that files in a maildir are never edited.

checkForModifiedFiles disables certain optimizations so as to make muchsync at least check the timestamp on every file, which will detect modified files at the cost of a longer startup time.

This option is useful if your software regularly modifies the contents of mail files (e.g., because you are running offlineimap with “synclabels = yes”).

Type: boolean

Default: false

Declared by:

[<home-manager/modules/services/muchsync.nix>](#)

[services.muchsync.remotes.<name>.remote.host](#)

Remote SSH host to synchronize with.

Type: string

Declared by:

[`<home-manager/modules/services/muchsync.nix>`](#)

[`services.muchsync.remotes.<name>.remote.importNew`](#)

Whether to begin the synchronisation by running `notmuch new` on the remote side.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/services/muchsync.nix>`](#)

[`services.muchsync.remotes.<name>.remote.muchsyncPath`](#)

Specifies the path to muchsync on the server. Ordinarily, muchsync should be in the default PATH on the server so this option is not required. However, this option is useful if you have to install muchsync in a non-standard place or wish to test development versions of the code.

Type: string

Default: "\$PATH/muchsync"

Declared by:

[`<home-manager/modules/services/muchsync.nix>`](#)

[`services.muchsync.remotes.<name>.sshCommand`](#)

Specifies a command line to pass to /bin/sh to execute a command on another machine.

Note that because this string is passed to the shell, special characters including spaces may need to be escaped.

Type: string

Default: "ssh -CTaxq"

Declared by:

[`<home-manager/modules/services/muchsync.nix>`](#)

[`services.muchsync.remotes.<name>.upload`](#)

Whether to propagate local changes to the remote.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/services/muchsync.nix>`](#)

`services.network-manager-applet.enable`

Whether to enable the Network Manager applet.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/network-manager-applet.nix>`](#)

`services.nextcloud-client.enable`

Whether to enable Nextcloud Client.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/nextcloud-client.nix>`](#)

`services.nextcloud-client.package`

The package to use for the nextcloud client binary.

Type: package

Default: pkgs.nextcloud-client

Declared by:

[`<home-manager/modules/services/nextcloud-client.nix>`](#)

`services.nextcloud-client.startInBackground`

Whether to start the Nextcloud client in the background.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/services/nextcloud-client.nix>`](#)

`services.notify-osd.enable`

Whether to enable notify-osd.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/notify-osd.nix>`](#)

`services.notify-osd.package`

Package containing the **notify-osd** program.

Type: package

Default: pkgs.notify-osd

Declared by:

[`<home-manager/modules/services/notify-osd.nix>`](#)

`services.opensnitch-ui.enable`

Whether to enable Opensnitch client.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/opensnitch-ui.nix>`](#)

`services.osmscout-server.enable`

Whether to enable OSM Scout Server.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/osmscout-server.nix>`](#)

`services.osmscout-server.package`

The osmscout-server package to use.

Type: package

Default: pkgs.osmscout-server

Declared by:

[`<home-manager/modules/services/osmscout-server.nix>`](#)

`services.osmscout-server.network.listenAddress`

The address for the server to listen on.

Type: string

Default: "127.0.0.1"

Declared by:

[`<home-manager/modules/services/osmscout-server.nix>`](#)

`services.osmscout-server.network.port`

The TCP port on which the server will listen.

Type: 16 bit unsigned integer; between 0 and 65535 (both inclusive)

Default: 8553

Declared by:

[`<home-manager/modules/services/osmscout-server.nix>`](#)

`services.osmscout-server.network.startWhenNeeded`

Enable systemd socket activation.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/services/osmscout-server.nix>`](#)

`services.owncloud-client.enable`

Whether to enable Owncloud Client.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/owncloud-client.nix>`](#)

`services.owncloud-client.package`

The owncloud-client package to use.

Type: package

Default: pkgs.owncloud-client

Declared by:

[`<home-manager/modules/services/owncloud-client.nix>`](#)

`services.pantalaimon.enable`

Whether to enable Pantalaimon, an E2EE aware proxy daemon for matrix clients.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/pantalaimon.nix>`](#)

`services.pantalaimon.package`

Package providing the **pantalaimon** executable to use.

Type: package

Default: pkgs.pantalaimon

Declared by:

[<home-manager/modules/services/pantalaimon.nix>](#)

[services.pantalaimon.settings](#)

Configuration written to \$XDG_CONFIG_HOME/pantalaimon/pantalaimon.conf.

See <https://github.com/matrix-org/pantalaimon/blob/master/docs/manpantalaimon.5.md> or pantalaimon(5) for options.

Type: attribute set of attribute set of (INI atom (null, bool, int, float or string))

Default: { }

Example:

```
{  
  Default = {  
    LogLevel = "Debug";  
    SSL = true;  
  };  
  local-matrix = {  
    Homeserver = "https://matrix.org";  
    ListenAddress = "127.0.0.1";  
    ListenPort = 8008;  
  };  
}
```

Declared by:

[<home-manager/modules/services/pantalaimon.nix>](#)

[services.parcellite.enable](#)

Whether to enable Parcellite.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/parcellite.nix>`](#)

`services.parcellite.package`

Parcellite derivation to use.

Type: package

Default: `pkgs.parcellite`

Example: `pkgs.clipit`

Declared by:

[`<home-manager/modules/services/parcellite.nix>`](#)

`services.parcellite.extraOptions`

Command line arguments passed to Parcellite.

Type: list of string

Default: []

Example:

```
[  
  "-no-icon"  
]
```

Declared by:

[`<home-manager/modules/services/parcellite.nix>`](#)

`services.pass-secret-service.enable`

Whether to enable Pass libsecret service.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/pass-secret-service.nix>`](#)[`services.pass-secret-service.package`](#)

The pass-secret-service package to use.

Type: package

Default: pkgs.pass-secret-service

Declared by:

[`<home-manager/modules/services/pass-secret-service.nix>`](#)[`services.pass-secret-service.storePath`](#)

Absolute path to password store. Defaults to \$HOME/.password-store if the programs.password-store module is not enabled, and programs.password-store.settings.PASSWORD_STORE_DIR if it is.

Type: null or string

Default: "\$HOME/.password-store"

Example: "/home/user/.local/share/password-store"

Declared by:

[`<home-manager/modules/services/pass-secret-service.nix>`](#)[`services.pasystray.enable`](#)

Whether to enable PulseAudio system tray.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/pasystray.nix>`](#)[`services.pasystray.extraOptions`](#)

Extra command-line arguments to pass to **pasystray**.

Type: list of string

Default: []

Declared by:

[`<home-manager/modules/services/pasystray.nix>`](#)

`services.pbgopy.enable`

The port to host the pbcopy server on.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/pbgopy.nix>`](#)

`services.pbgopy.cache.ttl`

The TTL for the cache. Use "0s" to disable it.

Type: string

Default: "24h"

Example: "10m"

Declared by:

[`<home-manager/modules/services/pbgopy.nix>`](#)

`services.pbgopy.httpAuth`

Basic HTTP authentication's username and password. Both the username and password are escaped.

Type: null or string

Default: null

Example: "user:pass"

Declared by:

[`<home-manager/modules/services/pbgopy.nix>`](#)

`services.pbgopy.port`

The port to host the pbcopy server on.

Type: 16 bit unsigned integer; between 0 and 65535 (both inclusive)

Default: 9090

Example: 8080

Declared by:

[`<home-manager/modules/services/pbgopy.nix>`](#)

`services.picom.enable`

Whether to enable Picom X11 compositor.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/picom.nix>`](#)

`services.picom.package`

Picom derivation to use.

Type: package

Default: pkgs.picom

Example: pkgs.picom

Declared by:

[`<home-manager/modules/services/picom.nix>`](#)

`services.picom.activeOpacity`

Opacity of active windows.

Type: integer or floating point number between 0 and 1 (both inclusive)

Default: 1.0

Example: 0.8

Declared by:

[`<home-manager/modules/services/picom.nix>`](#)

`services.picom.backend`

Backend to use: egl, glx, xrender or xr_glx_hybrid.

Type: one of “egl”, “glx”, “xrender”, “xr_glx_hybrid”

Default: "xrender"

Declared by:

[<home-manager/modules/services/picom.nix>](#)

services.picom.extraArgs

Extra arguments to be passed to the picom executable.

Type: list of string

Default: []

Example: [“--legacy-backends”]

Declared by:

[<home-manager/modules/services/picom.nix>](#)

services.picom.fade

Fade windows in and out.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/services/picom.nix>](#)

services.picom.fadeDelta

Time between fade animation step (in ms).

Type: positive integer, meaning >0

Default: 10

Example: 5

Declared by:

[<home-manager/modules/services/picom.nix>](#)

services.picom.fadeExclude

List of conditions of windows that should not be faded. See `picom(1)` man page for more examples.

Type: list of string

Default: []

Example:

```
[  
  "window_type *= 'menu'"  
  "name ~= 'Firefox$'"  
  "focused = 1"  
]
```

Declared by:

[<home-manager/modules/services/picom.nix>](#)

[services.picom.fadeSteps](#)

Opacity change between fade steps (in and out).

Type: pair of integer or floating point number between 0.01 and 1 (both inclusive)

Default:

```
[  
  0.028  
  0.03  
]
```

Example:

```
[  
  0.04  
  0.04  
]
```

Declared by:

[`<home-manager/modules/services/picom.nix>`](#)[`services.picom.inactiveOpacity`](#)

Opacity of inactive windows.

Type: integer or floating point number between 0.1 and 1 (both inclusive)

Default: 1.0

Example: 0.8

Declared by:

[`<home-manager/modules/services/picom.nix>`](#)[`services.picom.menuOpacity`](#)

Opacity of dropdown and popup menu.

Type: integer or floating point number between 0 and 1 (both inclusive)

Default: 1.0

Example: 0.8

Declared by:

[`<home-manager/modules/services/picom.nix>`](#)[`services.picom.opacityRules`](#)

Rules that control the opacity of windows, in format PERCENT:PATTERN.

Type: list of string

Default: []

Example:

```
[  
  "95:class_g = 'URxvt' && !_NET_WM_STATE@:32a"  
  "0:_NET_WM_STATE@:32a *= '_NET_WM_STATE_HIDDEN'"  
]
```

Declared by:

[`<home-manager/modules/services/picom.nix>`](#)

services.picom.settings

Picom settings. Use this option to configure Picom settings not exposed in a NixOS option or to bypass one. For the available options see the CONFIGURATION FILES section at `picom(1)`.

Type: libconfig configuration. The format consists of an attributes set (called a group) of settings. Each setting can be a scalar type (boolean, integer, floating point number or string), a list of scalars or a group itself

Default: { }

Example:

```
blur =  
{ method = "gaussian";  
  size = 10;  
  deviation = 5.0;  
};
```

Declared by:

[<home-manager/modules/services/picom.nix>](#)

services.picom.shadow

Draw window shadows.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/services/picom.nix>](#)

services.picom.shadowExclude

List of conditions of windows that should have no shadow. See `picom(1)` man page for more examples.

Type: list of string

Default: []

Example:

```
[  
  "window_type *= 'menu'"  
  "name ~= 'Firefox$'"  
  "focused = 1"  
]
```

Declared by:

[`<home-manager/modules/services/picom.nix>`](#)

`services.picom.shadowOffsets`

Left and right offset for shadows (in pixels).

Type: pair of signed integer

Default:

```
[  
  -15  
  -15  
]
```

Example:

```
[  
  -10  
  -15  
]
```

Declared by:

[`<home-manager/modules/services/picom.nix>`](#)

`services.picom.shadowOpacity`

Window shadows opacity.

Type: integer or floating point number between 0 and 1 (both inclusive)

Default: 0.75

Example: 0.8

Declared by:

[<home-manager/modules/services/picom.nix>](#)

services.picom.vSync

Enable vertical synchronization.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/services/picom.nix>](#)

services.picom.wintypes

Rules for specific window types.

Type: attribute set

Default:

```
{  
    popup_menu = { opacity = config.services.picom.menuOpacity; };  
    dropdown_menu = { opacity = config.services.picom.menuOpacity; };  
}
```

Example: { }

Declared by:

[<home-manager/modules/services/picom.nix>](#)

services.plan9port.fontsrv.enable

Whether to enable the Plan 9 file system access to host fonts.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/plan9port.nix>`](#)

`services.plan9port.plumber.enable`

Whether to enable the Plan 9 file system for interprocess messaging.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/plan9port.nix>`](#)

`services.playerctl.enable`

Whether to enable playerctl daemon.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/playerctl.nix>`](#)

`services.playerctl.package`

The playerctl package to use.

Type: package

Default: pkgs.playerctl

Declared by:

[`<home-manager/modules/services/playerctl.nix>`](#)

`services.plex-mpv-shim.enable`

Whether to enable Plex mpv shim.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/plex-mpv-shim.nix>](#)

services.plex-mpv-shim.package

The package to use for the Plex mpv shim.

Type: package

Default: pkgs.plex-mpv-shim

Declared by:

[<home-manager/modules/services/plex-mpv-shim.nix>](#)

services.plex-mpv-shim.settings

Configuration written to \$XDG_CONFIG_HOME/plex-mpv-shim/config.json. See <https://github.com/iwalton3/plex-mpv-shim/blob/master/README.md> for the configuration documentation.

Type: JSON value

Default: { }

Example:

```
{  
    adaptive_transcode = false;  
    allow_http = false;  
    always_transcode = false;  
    audio_ac3passthrough = false;  
    audio_dtspassthrough = false;  
    auto_play = true;  
    auto_transcode = true;  
}
```

Declared by:

[<home-manager/modules/services/plex-mpv-shim.nix>](#)

services.polybar.enable

Whether to enable Polybar status bar.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/polybar.nix>`](#)

[services.polybar.package](#)

Polybar package to install.

Type: package

Default: pkgs.polybar

Example:

```
pkgs.polybar.override {  
    i3GapsSupport = true;  
    alsaSupport = true;  
    iwSupport = true;  
    githubSupport = true;  
}
```

Declared by:

[`<home-manager/modules/services/polybar.nix>`](#)

[services.polybar.config](#)

Polybar configuration. Can be either path to a file, or set of attributes that will be used to create the final configuration. See also `services.polybar.settings` for a more nix-friendly format.

Type: (attribute set of attribute set of (string or boolean or signed integer or list of string)) or path convertible to it

Default: {}

Example:

```
{  
    "bar/top" = {  
        monitor = "\${env:MONITOR:eDP1}";  
        width = "100%";  
        height = "3%";  
        radius = 0;  
        modules-center = "date";  
    };  
  
    "module/date" = {  
        type = "internal/date";  
        internal = 5;  
        date = "%d.%m.%y";  
        time = "%H:%M";  
        label = "%time% %date%";  
    };  
}
```

Declared by:

[<home-manager/modules/services/polybar.nix>](#)

[services.polybar.extraConfig](#)

Additional configuration to add.

Type: strings concatenated with “\n”

Default: “ ”

Example:

```
'''  
[module/date]  
type = internal/date  
interval = 5  
date = "%d.%m.%y"  
time = %H:%M  
format-prefix-foreground = \'\ ${colors.foreground-alt}  
label = %time% %date%  
'''
```

Declared by:

[<home-manager/modules/services/polybar.nix>](#)

services.polybar.script

This script will be used to start the polybars. Set all necessary environment variables here and start all bars. It can be assumed that **polybar** executable is in the PATH.

Note, this script must start all bars in the background and then terminate.

Type: strings concatenated with “\n”

Example: "polybar bar &"

Declared by:

[<home-manager/modules/services/polybar.nix>](#)

services.polybar.settings

Polybar configuration. This takes a nix attrset and converts it to the strange data format that polybar uses. Each entry will be converted to a section in the output file. Several things are treated specially: nested keys are converted to dash-separated keys; the special text key is ignored as a nested key, to allow mixing different levels of nesting; and lists are converted to polybar’s foo-0, foo-1, ... format.

For example:

```
"module/volume" = {
  type = "internal/pulseaudio";
  format.volume = "<ramp-volume> <label-volume>";
  label.muted.text = "🔇";
  label.muted.foreground = "#666";
  ramp.volume = ["🔈 " "🔉 " "🔊"];
  click.right = "pavucontrol &";
}
```

becomes:

```
[module/volume]
type=internal/pulseaudio
format-volume=<ramp-volume> <label-volume>
label-muted=🔇
```

```
label-muted-foreground=#666
ramp-volume-0=🔇
ramp-volume-1=🔈
ramp-volume-2=🔊
click-right=pavucontrol &
```

Type: attribute set of attribute sets

Default: { }

Example:

```
{
  "module/volume" = {
    type = "internal/pulseaudio";
    format.volume = "<ramp-volume> <label-volume>";
    label.muted.text = "🔇";
    label.muted.foreground = "#666";
    ramp.volume = ["🔇" "🔈" "🔊"];
    click.right = "pavucontrol &";
  };
}
```

Declared by:

[<home-manager/modules/services/polybar.nix>](#)

services.poweralertd.enable

Whether to enable the Upower-powered power alertd.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/poweralertd.nix>](#)

services.pueue.enable

Whether to enable Pueue, CLI process scheduler and manager.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/pueue.nix>](#)

services.pueue.package

The pueue package to use.

Type: package

Default: pkgs.pueue

Declared by:

[<home-manager/modules/services/pueue.nix>](#)

services.pueue.settings

Configuration written to \$XDG_CONFIG_HOME/pueue/pueue.yml.

Type: YAML value

Default: { }

Example:

```
{  
  daemon = {  
    default_parallel_tasks = 2;  
  };  
}
```

Declared by:

[<home-manager/modules/services/pueue.nix>](#)

services.pulseeffects.enable

Whether to enable Pulseeffects daemon Note, it is necessary to add

```
programs.dconf.enable = true;
```

to your system configuration for the daemon to work correctly.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/pulseeffects.nix>`](#)

[services.pulseeffects.package](#)

Pulseeffects package to use.

Type: package

Default: pkgs.pulseeffects-legacy

Declared by:

[`<home-manager/modules/services/pulseeffects.nix>`](#)

[services.pulseeffects.preset](#)

Which preset to use when starting pulseeffects. Will likely need to launch pulseeffects to initially create preset.

Type: string

Default: ""

Declared by:

[`<home-manager/modules/services/pulseeffects.nix>`](#)

[services.random-background.enable](#)

Whether to enable random desktop background.

Note, if you are using NixOS and have set up a custom desktop manager session for Home Manager, then the session configuration must have the `bgSupport` option set to `true` or the background image set by this module may be overwritten.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/random-background.nix>`](#)

`services.random-background.enableXinerama`

Will place a separate image per screen when enabled, otherwise a single image will be stretched across all screens.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/services/random-background.nix>`](#)

`services.random-background.display`

Display background images according to this option.

Type: one of “center”, “fill”, “max”, “scale”, “tile”

Default: “fill”

Declared by:

[`<home-manager/modules/services/random-background.nix>`](#)

`services.random-background.imageDirectory`

The directory of images from which a background should be chosen. Should be formatted in a way understood by systemd, e.g., ‘%h’ is the home directory.

Type: string

Example: "%h/backgrounds"

Declared by:

[`<home-manager/modules/services/random-background.nix>`](#)

`services.random-background.interval`

The duration between changing background image, set to null to only set background when logging in. Should be formatted as a duration understood by systemd.

Type: null or string

Default: null

Example: "1h"

Declared by:

[<home-manager/modules/services/random-background.nix>](#)

services.recoll.enable

Whether to enable Recoll file index service.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/recoll.nix>](#)

services.recoll.package

Package providing the **recoll** binary.

Type: package

Default: pkgs.recoll

Example: (pkgs.recoll.override { withGui = false; })

Declared by:

[<home-manager/modules/services/recoll.nix>](#)

services.recoll.configDir

The directory to contain Recoll configuration files. This will be set as RECOLL_CONFDIR.

Type: string

Default: \${config.home.homeDirectory}/.recoll

Example: \${config.xdg.configHome}/recoll

Declared by:

[<home-manager/modules/services/recoll.nix>](#)

services.recoll.settings

The configuration to be written at \$RECOLL_CONFDIR/recoll.conf.

See recoll.conf(5) for more details about the configuration.

Type: attribute set of (Recoll config value)

Default: { }

Example:

```
{  
    nocjk = true;  
    loglevel = 5;  
    topdirs = [ "~/Downloads" "~/Documents" "~/projects" ];  
  
    "~/Downloads" = {  
        skippedNames+ = [ "*.iso" ];  
    };  
  
    "~/projects" = {  
        skippedNames+ = [ "node_modules" "target" "result" ];  
    };  
}
```

Declared by:

[<home-manager/modules/services/recoll.nix>](#)

services.recoll.startAt

When or how often the periodic update should run. Must be the format described from [systemd.time\(7\)](#).

Type: string

Default: "hourly"

Example: "00/2:00"

Declared by:

[<home-manager/modules/services/recoll.nix>](#)

services.redshift.enable

Whether to enable Redshift.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/redshift-gammastep/redshift.nix>](#)

services.redshift.enableVerboseLogging

Whether to enable verbose service logging.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/redshift-gammastep/redshift.nix>](#)

services.redshift.package

Redshift derivation to use.

Type: package

Default: pkgs.redshift

Declared by:

[<home-manager/modules/services/redshift-gammastep/redshift.nix>](#)

services.redshift.dawnTime

Set the time interval of dawn manually. The times must be specified as HH:MM in 24-hour format.

Type: null or string

Default: null

Example: "6:00-7:45"

Declared by:

[home-manager/modules/services/redshift-gammastep/redshift.nix](https://nix-community.github.io/home-manager/modules/services/redshift-gammastep/redshift.nix)services.redshift.duskTime

Set the time interval of dusk manually. The times must be specified as HH:MM in 24-hour format.

Type: null or string

Default: null

Example: "18:35-20:15"

Declared by:

[home-manager/modules/services/redshift-gammastep/redshift.nix](https://nix-community.github.io/home-manager/modules/services/redshift-gammastep/redshift.nix)services.redshift.latitude

Your current latitude, between -90.0 and 90.0. Must be provided along with longitude.

Type: null or string or floating point number

Default: null

Declared by:

[home-manager/modules/services/redshift-gammastep/redshift.nix](https://nix-community.github.io/home-manager/modules/services/redshift-gammastep/redshift.nix)services.redshift.longitude

Your current longitude, between -180.0 and 180.0. Must be provided along with latitude.

Type: null or string or floating point number

Default: null

Declared by:

[home-manager/modules/services/redshift-gammastep/redshift.nix](https://nix-community.github.io/home-manager/modules/services/redshift-gammastep/redshift.nix)services.redshift.provider

The location provider to use for determining your location. If set to manual you must also provide latitude/longitude. If set to geoclue2, you must also enable the global geoclue2 service.

Type: one of “manual”, “geoclue2”

Default: "manual"

Declared by:

[<home-manager/modules/services/redshift-gammastep/redshift.nix>](https://nix-community.github.io/home-manager/options/services/redshift-gammastep/redshift.nix)

services.redshift.settings

The configuration to pass to Redshift. Available options for Redshift described in redshift(1).

Type: attribute set of attribute set of (INI atom (null, bool, int, float or string))

Default: { }

Example:

```
{  
    redshift = {  
        adjustment-method = "randr";  
    };  
    randr = {  
        screen = 0;  
    };  
};
```

Declared by:

[<home-manager/modules/services/redshift-gammastep/redshift.nix>](https://nix-community.github.io/home-manager/options/services/redshift-gammastep/redshift.nix)

services.redshift.temperature.day

Colour temperature to use during the day, between 1000 and 25000 K.

Type: signed integer

Default: 5500

Declared by:

[<home-manager/modules/services/redshift-gammastep/redshift.nix>](https://nix-community.github.io/home-manager/options/services/redshift-gammastep/redshift.nix)

services.redshift.temperature.night

Colour temperature to use at night, between 1000 and 25000 K.

Type: signed integer

Default: 3700

Declared by:

[<home-manager/modules/services/redshift-gammastep/redshift.nix>](#)

services.redshift.tray

Start the redshift-gtk tray applet.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/redshift-gammastep/redshift.nix>](#)

services.rsibreak.enable

Whether to enable rsibreak.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/rsibreak.nix>](#)

services.safeeyes.enable

Whether to enable The Safe Eyes OSGI service.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/safeeyes.nix>](#)

services.safeeyes.package

The safeeyes package to use.

Type: package

Default: pkgs.safeeyes

Declared by:

[<home-manager/modules/services/safeeyes.nix>](#)

services.screen-locker.enable

Whether to enable screen locker for X session.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/screen-locker.nix>](#)

services.screen-locker.inactiveInterval

Inactive time interval in minutes after which session will be locked. The minimum is 1 minute, and the maximum is 1 hour. If `xautolock.enable` is true, it will use this setting. See <https://linux.die.net/man/1/xautolock>. Otherwise, this will be used with `xset` to configure the X server's screensaver timeout.

Type: signed integer

Default: 10

Declared by:

[<home-manager/modules/services/screen-locker.nix>](#)

services.screen-locker.lockCmd

Locker command to run.

Type: string

Example: "\\${pkgs.i3lock}/bin/i3lock -n -c 000000"

Declared by:

[<home-manager/modules/services/screen-locker.nix>](#)

services.screen-locker.xautolock.enable

Use `xautolock` for time-based locking.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/services/screen-locker.nix>](#)

services.screen-locker.xautolock.package

Package providing the **xautolock** binary.

Type: package

Default: <derivation xautolock-2.2-7-ga23dd5c>

Declared by:

[<home-manager/modules/services/screen-locker.nix>](#)

services.screen-locker.xautolock.detectSleep

Whether to reset xautolock timers when awaking from sleep. No effect if xautolock.enable is false.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/services/screen-locker.nix>](#)

services.screen-locker.xautolock.extraOptions

Extra command-line arguments to pass to **xautolock**. No effect if xautolock.enable is false.

Type: list of string

Default: []

Declared by:

[<home-manager/modules/services/screen-locker.nix>](#)

services.screen-locker.xss-lock.package

Package providing the **xss-lock** binary.

Type: package

Default: <derivation xss-lock-unstable-2018-05-31>

Declared by:

[`<home-manager/modules/services/screen-locker.nix>`](#)[`services.screen-locker.xss-lock.extraOptions`](#)

Extra command-line arguments to pass to **xss-lock**.

Type: list of string

Default: []

Declared by:

[`<home-manager/modules/services/screen-locker.nix>`](#)[`services.screen-locker.xss-lock.screensaverCycle`](#)

The X server's screensaver cycle value expressed as seconds. This will be used with **xset** to configure the cycle along with timeout.

Type: signed integer

Default: 600

Declared by:

[`<home-manager/modules/services/screen-locker.nix>`](#)[`services.sctd.enable`](#)

Whether to enable sctd.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/sctd.nix>`](#)[`services.sctd.baseTemperature`](#)

The base color temperature used by sctd, which should be between 2500 and 9000. See **sctd(1)** for more details.

Type: integer between 2500 and 9000 (both inclusive)

Default: 4500

Declared by:

[`<home-manager/modules/services/sctd.nix>`](#)[`services.signaturepdf.enable`](#)

Whether to enable signaturepdf; signing, organizing, editing metadatas or compressing PDFs.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/signaturepdf.nix>`](#)[`services.signaturepdf.package`](#)

signaturepdf derivation to use.

Type: package

Default: "pkgs.signaturepdf"

Declared by:

[`<home-manager/modules/services/signaturepdf.nix>`](#)[`services.signaturepdf.extraConfig`](#)

Additional configuration optional.

Type: attribute set of (string or signed integer or boolean or floating point number)

Default: { }

Example:

```
{  
    max_file_uploads = "201";  
    post_max_size = "24M";  
    upload_max_filesize = "24M";  
}
```

Declared by:

[`<home-manager/modules/services/signaturepdf.nix>`](#)

[services.signaturepdf.port](#)

The port on which the application runs

Type: 16 bit unsigned integer; between 0 and 65535 (both inclusive)

Default: 8080

Example: 8081

Declared by:

[<home-manager/modules/services/signaturepdf.nix>](#)

[services.spotifyd.enable](#)

Whether to enable SpotifyD connect.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/spotifyd.nix>](#)

[services.spotifyd.package](#)

The spotifyd package to use. Can be used to specify extensions.

Type: package

Default: pkgs.spotifyd

Example: (pkgs.spotifyd.override { withKeyring = true; })

Declared by:

[<home-manager/modules/services/spotifyd.nix>](#)

[services.spotifyd.settings](#)

Configuration for spotifyd

Type: TOML value

Default: { }

Example:

```
{  
  global = {  
    username = "Alex";  
    password = "foo";  
    device_name = "nix";  
  };  
}
```

Declared by:

[`<home-manager/modules/services/spotifyd.nix>`](#)

`services.ssh-agent.enable`

Whether to enable OpenSSH private key agent.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/ssh-agent.nix>`](#)

`services.stalonetray.enable`

Whether to enable Stalonetray system tray.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/stalonetray.nix>`](#)

`services.stalonetray.package`

The package to use for the Stalonetray binary.

Type: package

Default: pkgs.stalonetray

Example: pkgs.stalonetrays

Declared by:

[<home-manager/modules/services/stalonetray.nix>](#)

[services.stalonetray.config](#)

Stalonetray configuration as a set of attributes.

Type: attribute set of (null or string or boolean or signed integer)

Default: { }

Example:

```
{  
    background = "#cccccc";  
    decorations = null;  
    geometry = "3x1-600+0";  
    icon_size = 30;  
    sticky = true;  
}
```

Declared by:

[<home-manager/modules/services/stalonetray.nix>](#)

[services.stalonetray.extraConfig](#)

Additional configuration lines for stalonetrayrc.

Type: strings concatenated with “\n”

Default: ""

Example:

```
  geometry 3x1-600+0
  decorations none
  icon_size 30
  sticky true
  background "#cccccc"

```

Declared by:

[<home-manager/modules/services/stalonetray.nix>](#)

services.status-notifier-watcher.enable

Whether to enable Status Notifier Watcher.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/status-notifier-watcher.nix>](#)

services.status-notifier-watcher.package

The package to use for the status notifier watcher binary.

Type: package

Default: pkgs.haskellPackages.status-notifier-item

Example: pkgs.haskellPackages.status-notifier-item

Declared by:

[<home-manager/modules/services/status-notifier-watcher.nix>](#)

services.swayidle.enable

Whether to enable idle manager for Wayland.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/swayidle.nix>`](#)

`services.swayidle.package`

Swayidle package to install.

Type: package

Default: pkgs.swayidle

Declared by:

[`<home-manager/modules/services/swayidle.nix>`](#)

`services.swayidle.events`

Run command on occurrence of a event.

Type: list of (submodule)

Default: []

Example:

```
[  
 { event = "before-sleep"; command = "${pkgs.swaylock}/bin/swaylock -fF"; }  
 { event = "lock"; command = "lock"; }  
]
```

Declared by:

[`<home-manager/modules/services/swayidle.nix>`](#)

`services.swayidle.events.*.command`

Command to run when event occurs.

Type: string

Declared by:

[`<home-manager/modules/services/swayidle.nix>`](#)

services.swayidle.events.*.event

Event name.

Type: one of “before-sleep”, “after-resume”, “lock”, “unlock”

Declared by:

[<home-manager/modules/services/swayidle.nix>](#)

services.swayidle.extraArgs

Extra arguments to pass to swayidle.

Type: list of string

Default: []

Declared by:

[<home-manager/modules/services/swayidle.nix>](#)

services.swayidle.systemdTarget

Systemd target to bind to.

Type: string

Default: "graphical-session.target"

Example: "sway-session.target"

Declared by:

[<home-manager/modules/services/swayidle.nix>](#)

services.swayidle.timeouts

List of commands to run after idle timeout.

Type: list of (submodule)

Default: []

Example:

```
[  
  { timeout = 60; command = "${pkgs.swaylock}/bin/swaylock -fF"; }  
  { timeout = 90; command = "${pkgs.systemd}/bin/systemctl suspend"; }  
]
```

Declared by:

[`<home-manager/modules/services/swayidle.nix>`](#)

[`services.swayidle.timeouts.*.command`](#)

Command to run after timeout seconds of inactivity.

Type: string

Declared by:

[`<home-manager/modules/services/swayidle.nix>`](#)

[`services.swayidle.timeouts.*.resumeCommand`](#)

Command to run when there is activity again.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/services/swayidle.nix>`](#)

[`services.swayidle.timeouts.*.timeout`](#)

Timeout in seconds.

Type: positive integer, meaning >0

Example: 60

Declared by:

[`<home-manager/modules/services/swayidle.nix>`](#)

[`services.swayosd.enable`](#)

Whether to enable swayosd, a GTK based on screen display for keyboard shortcuts like caps-lock and volume.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/swayosd.nix>](#)

services.swayosd.package

The swayosd package to use.

Type: package

Default: pkgs.swayosd

Declared by:

[<home-manager/modules/services/swayosd.nix>](#)

services.swayosd.maxVolume

Sets the maximum volume.

Type: null or (unsigned integer, meaning ≥ 0)

Default: null

Example: 120

Declared by:

[<home-manager/modules/services/swayosd.nix>](#)

services.sxhkd.enable

Whether to enable simple X hotkey daemon.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/sxhkd.nix>](#)

services.sxhkd.package

Package containing the **sxhkd** executable.

Type: package

Default: "pkgs.sxhkd"

Declared by:

[<home-manager/modules/services/sxhkd.nix>](#)

services.sxhkd.extraConfig

Additional configuration to add.

Type: strings concatenated with “\n”

Default: “ ”

Example:

```
super + {_,shift +} {1-9,0}
i3-msg {workspace,move container to workspace} {1-10}
```

Declared by:

[<home-manager/modules/services/sxhkd.nix>](#)

services.sxhkd.extraOptions

Command line arguments to invoke **sxhkd** with.

Type: list of string

Default: []

Example: ["-m 1"]

Declared by:

[<home-manager/modules/services/sxhkd.nix>](#)

services.sxhkd.keybindings

An attribute set that assigns hotkeys to commands.

Type: attribute set of (null or string or path)

Default: { }

Example:

```
{  
    "super + shift + {r,c}" = "i3-msg {restart,reload}";  
    "super + {s,w}"          = "i3-msg {stacking,tabbed}";  
    "super + F1"             = pkgs.writeShellScript "script" "echo $USER";  
}
```

Declared by:

[<home-manager/modules/services/sxhkd.nix>](#)

services.syncthing.enable

Whether to enable Syncthing continuous file synchronization.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/syncthing.nix>](#)

services.syncthing.extraOptions

Extra command-line arguments to pass to **syncthing**.

Type: list of string

Default: []

Example:

```
[  
    "--gui-apikey=apiKey"  
]
```

Declared by:

[<home-manager/modules/services/syncthing.nix>](#)

services.syncthing.tray

Syncthing tray service configuration.

Type: boolean or (submodule)

Default:

```
{  
    enable = false;  
}
```

Declared by:

[<home-manager/modules/services/syncthing.nix>](#)

services.systembus-notify.enable

Whether to enable systembus-notify - system bus notification daemon.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/systembus-notify.nix>](#)

services.taffybar.enable

Whether to enable Taffybar.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/taffybar.nix>](#)

services.taffybar.package

The package to use for the Taffybar binary.

Type: package

Default: pkgs.taffybar

Example: pkgs.taffybar

Declared by:

[`<home-manager/modules/services/taffybar.nix>`](#)

[`services.tahoe-lafs.enable`](#)

Whether to enable Tahoe-LAFS.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/tahoe-lafs.nix>`](#)

[`services.taskwarrior-sync.enable`](#)

Whether to enable Taskwarrior periodic sync.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/taskwarrior-sync.nix>`](#)

[`services.taskwarrior-sync.frequency`](#)

How often to run `taskwarrior sync`. This value is passed to the `systemd` timer configuration as the `OnCalendar` option. See [`systemd.time\(7\)`](#) for more information about the format.

Type: string

Default: "*:0/5"

Declared by:

[`<home-manager/modules/services/taskwarrior-sync.nix>`](#)

[`services.trayer.enable`](#)

Whether to enable trayer, the lightweight GTK2+ systray for UNIX desktops.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/trayer.nix>](#)

services.trayer.package

The package to use for the trayer binary.

Type: package

Default: pkgs.trayer

Example: pkgs.trayer

Declared by:

[<home-manager/modules/services/trayer.nix>](#)

services.trayer.settings

Trayer configuration as a set of attributes. Further details can be found in [trayer's README](#).

SetDockType

boolean (default: true)

SetPartialStrut

boolean (default: true)

align

one of "left", "right", "center" (default: "center")

alpha

signed integer (default: 127)

distance

signed integer (default: 0)

distancefrom

one of "left", "right", "top", "bottom" (default: "top")

`edge`

one of “left”, “right”, “top”, “bottom”, “none” (default: “bottom”)

`expand`

boolean (default: true)

`height`

signed integer (default: 26)

`heighttype`

one of “request”, “pixel” (default: “pixel”)

`iconspacing`

signed integer (default: 0)

`margin`

signed integer (default: 0)

`monitor`

unsigned integer, meaning ≥ 0 , or value “primary” (singular enum) (default: 0)

`padding`

signed integer (default: 0)

`tint`

string (default: “0xFFFFFFFF”)

`transparent`

boolean (default: false)

`width`

signed integer (default: 100)

`widthtype`

one of “request”, “pixel”, “percent” (default: “percent”)

Type: attribute set of (null or string or boolean or signed integer)

Default: { }

Example:

```
{  
    edge = "top";  
    padding = 6;  
    SetDockType = true;  
    tint = "0x282c34";  
}
```

Declared by:

[`<home-manager/modules/services/trayer.nix>`](#)

`services.twmn.enable`

Whether to enable twmn, a tiling window manager notification daemon.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/twmn.nix>`](#)

`services.twmn.duration`

The time each notification remains visible, in milliseconds.

Type: unsigned integer, meaning ≥ 0

Default: 3000

Example: 5000

Declared by:

[`<home-manager/modules/services/twmn.nix>`](#)

`services.twmn.extraConfig`

Extra configuration options to add to the twmnd config file. See <https://github.com/sboli/twmn/blob/master/README.md> for details.

Type: attribute set

Default: { }

Example: { main.activation_command = "\\${pkgs.hello}/bin/hello"; }

Declared by:

[<home-manager/modules/services/twmn.nix>](#)

services.twmn.host

Host address to listen on for notifications.

Type: string

Default: "127.0.0.1"

Example: "laptop.lan"

Declared by:

[<home-manager/modules/services/twmn.nix>](#)

services.twmn.icons.critical

Path to the critical notifications' icon.

Type: null or path

Default: null

Declared by:

[<home-manager/modules/services/twmn.nix>](#)

services.twmn.icons.info

Path to the informative notifications' icon.

Type: null or path

Default: null

Declared by:

[<home-manager/modules/services/twmn.nix>](#)

services.twmn.icons.warning

Path to the warning notifications' icon.

Type: null or path

Default: null

Declared by:

[`<home-manager/modules/services/twmn.nix>`](#)

`services.twmn.port`

UDP port to listen on for notifications.

Type: 16 bit unsigned integer; between 0 and 65535 (both inclusive)

Default: 9797

Declared by:

[`<home-manager/modules/services/twmn.nix>`](#)

`services.twmn.screen`

Screen number to display notifications on when using a multi-head desktop.

Type: null or signed integer

Default: null

Example: 0

Declared by:

[`<home-manager/modules/services/twmn.nix>`](#)

`services.twmn.soundCommand`

Command to execute to play a notification's sound.

Type: string

Default: ""

Declared by:

[`<home-manager/modules/services/twmn.nix>`](#)

`services.twmn.text.color`

Notification's text color. RGB hex and keywords (e.g. lightgray) are supported.

Type: string

Default: "#999999"

Example: "lightgray"

Declared by:

[<home-manager/modules/services/twmn.nix>](#)

services.twmn.text.font.package

Notification text's font package. If null then the font is assumed to already be available in your profile.

Type: null or package

Default: null

Example: pkgs.dejavu_fonts

Declared by:

[<home-manager/modules/services/twmn.nix>](#)

services.twmn.text.font.family

Notification text's font family.

Type: string

Default: "Sans"

Example: "Noto Sans"

Declared by:

[<home-manager/modules/services/twmn.nix>](#)

services.twmn.text.font.size

Notification text's font size.

Type: unsigned integer, meaning >=0

Default: 13

Example: 42

Declared by:

[<home-manager/modules/services/twmn.nix>](#)

services.twmn.text.font.variant

Notification text's font variant.

Type: one of "oblique", "italic", "ultra-light", "light", "medium", "semi-bold", "bold", "ultra-bold", "heavy", "ultra-condensed", "extra-condensed", "condensed", "semi-condensed", "semi-expanded", "expanded", "extra-expanded", "ultra-expanded"

Default: "medium"

Example: "heavy"

Declared by:

[<home-manager/modules/services/twmn.nix>](#)

services.twmn.text.maxLength

Maximum length of the text before it is cut and suffixed with "...". Never cuts if null.

Type: null or (unsigned integer, meaning ≥ 0)

Default: null

Example: 80

Declared by:

[<home-manager/modules/services/twmn.nix>](#)

services.twmn.window.alwaysOnTop

Whether to enable forcing the notification window to always be on top.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/twmn.nix>](#)

services.twmn.window.animation.bounce.enable

Whether to enable notification bounce when displaying next notification directly.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/twmn.nix>](#)

[services.twmn.window.animation.bounce.duration](#)

The bounce animation duration in milliseconds.

Type: unsigned integer, meaning >=0

Default: 500

Example: 618

Declared by:

[<home-manager/modules/services/twmn.nix>](#)

[services.twmn.window.animation.easeIn](#)

Options for the notification appearance's animation.

Type: submodule

Default: { }

Example:

```
{  
    curve = 19;  
    duration = 618;  
}
```

Declared by:

[<home-manager/modules/services/twmn.nix>](#)

[services.twmn.window.animation.easeIn.curve](#)

The qt easing-curve animation to use for the animation. See [QEasingCurve documentation](#).

Type: integer between 0 and 40 (both inclusive)

Default: 38

Example: 19

Declared by:

[<home-manager/modules/services/twmn.nix>](#)

[services.twmn.window.animation.easeIn.duration](#)

The animation duration in milliseconds.

Type: unsigned integer, meaning ≥ 0

Default: 1000

Example: 618

Declared by:

[<home-manager/modules/services/twmn.nix>](#)

[services.twmn.window.animation.easeOut](#)

Options for the notification disappearance's animation.

Type: submodule

Default: { }

Example:

```
{  
    curve = 19;  
    duration = 618;  
}
```

Declared by:

[<home-manager/modules/services/twmn.nix>](#)

[services.twmn.window.animation.easeOut.curve](#)

The qt easing-curve animation to use for the animation. See [QEasingCurve documentation](#).

Type: integer between 0 and 40 (both inclusive)

Default: 38

Example: 19

Declared by:

[`<home-manager/modules/services/twmn.nix>`](#)

[`services.twmn.window.animation.ease0ut.duration`](#)

The animation duration in milliseconds.

Type: unsigned integer, meaning ≥ 0

Default: 1000

Example: 618

Declared by:

[`<home-manager/modules/services/twmn.nix>`](#)

[`services.twmn.window.color`](#)

Notification's background color. RGB hex and keywords (e.g. lightgray) are supported.

Type: string

Default: "#000000"

Example: "lightgray"

Declared by:

[`<home-manager/modules/services/twmn.nix>`](#)

[`services.twmn.window.height`](#)

Height of the slide bar. Useful to match your tiling window manager's bar.

Type: unsigned integer, meaning ≥ 0

Default: 18

Example: 42

Declared by:

[`<home-manager/modules/services/twmn.nix>`](#)

[`services.twmn.window.offset.x`](#)

Offset of the notification's slide starting point in pixels on the horizontal axis (positive is rightward).

Type: signed integer

Default: 0

Example: 50

Declared by:

[<home-manager/modules/services/twmn.nix>](#)

services.twmn.window.offset.y

Offset of the notification's slide starting point in pixels on the vertical axis (positive is upward).

Type: signed integer

Default: 0

Example: -100

Declared by:

[<home-manager/modules/services/twmn.nix>](#)

services.twmn.window.opacity

The notification window's opacity.

Type: integer between 0 and 100 (both inclusive)

Default: 100

Example: 80

Declared by:

[<home-manager/modules/services/twmn.nix>](#)

services.twmn.window.position

Position of the notification slide. The notification will slide in vertically from the border if placed in `top_center` or `bottom_center`, horizontally otherwise.

Type: one of "tr", "top_right", "tl", "top_left", "br", "bottom_right", "bl", "bottom_left", "tc", "top_center", "bc", "bottom_center", "c", "center"

Default: "top_right"

Example: "bottom_left"

Declared by:

[`<home-manager/modules/services/twmn.nix>`](#)[`services.udiskie.enable`](#)

Whether to enable the udiskie mount daemon.

Note, if you use NixOS then you must add `services.udisks2.enable = true` to your system configuration. Otherwise mounting will fail because the Udisk2 DBus service is not found.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/udiskie.nix>`](#)[`services.udiskie.automount`](#)

Whether to automatically mount new devices.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/services/udiskie.nix>`](#)[`services.udiskie.notify`](#)

Whether to show pop-up notifications.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/services/udiskie.nix>`](#)[`services.udiskie.settings`](#)

Configuration written to `$XDG_CONFIG_HOME/udiskie/config.yml`.

See <https://github.com/coldfix/udiskie/blob/master/doc/udiskie.8.txt#configuration> for the full list of options.

Type: YAML value

Default: { }

Example:

```
{  
    program_options = {  
        udisks_version = 2;  
        tray = true;  
    };  
    icon_names.media = [ "media-optical" ];  
}
```

Declared by:

[<home-manager/modules/services/udiskie.nix>](#)

services.udiskie.tray

Whether to display tray icon.

The options are

always

Always show tray icon.

auto

Show tray icon only when there is a device available.

never

Never show tray icon.

Type: one of “always”, “auto”, “never”

Default: "auto"

Declared by:

[<home-manager/modules/services/udiskie.nix>](#)

services.unclutter.enable

Whether to enable unclutter.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/unclutter.nix>](#)

services.unclutter.package

unclutter derivation to use.

Type: package

Default: pkgs.unclutter-xfixes

Declared by:

[<home-manager/modules/services/unclutter.nix>](#)

services.unclutter.extraOptions

More arguments to pass to the unclutter command.

Type: list of string

Default: []

Example:

```
[  
  "exclude-root"  
  "ignore-scrolling"  
]
```

Declared by:

[<home-manager/modules/services/unclutter.nix>](#)

services.unclutter.threshold

Minimum number of pixels considered cursor movement.

Type: signed integer

Default: 1

Declared by:

[`<home-manager/modules/services/unclutter.nix>`](#)

`services.unclutter.timeout`

Number of seconds before the cursor is marked inactive.

Type: signed integer

Default: 1

Declared by:

[`<home-manager/modules/services/unclutter.nix>`](#)

`services.unison.enable`

Whether to enable Unison synchronisation.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/unison.nix>`](#)

`services.unison.package`

The unison package to use.

Type: package

Default: pkgs.unison

Example: pkgs.unison.override { enableX11 = false; }

Declared by:

[`<home-manager/modules/services/unison.nix>`](#)

`services.unison.pairs`

Unison root pairs to keep synchronised.

Type: attribute set of (submodule)

Default: { }

Example:

```
{  
  "my-documents" = {  
    roots = [  
      "/home/user/documents"  
      "ssh://remote/documents"  
    ];  
  };  
}
```

Declared by:

[<home-manager/modules/services/unison.nix>](#)

services.unison.pairs.<name>.commandOptions

Additional command line options as a dictionary to pass to the unison program.

Use a list of strings to declare the same option multiple times.

See unison(1) for a list of available options.

Type: attribute set of (string or list of string)

Default:

```
{  
  auto = "true";  
  batch = "true";  
  log = "false";  
  repeat = "watch";  
  sshcmd = "\${pkgs.openssh}/bin/ssh";  
  ui = "text";  
}
```

Declared by:

[<home-manager/modules/services/unison.nix>](#)

services.unison.pairs.<name>.roots

Pair of roots to synchronise.

Type: list of string of length 2

Example:

```
[  
  "/home/user/documents"  
  "ssh://remote/documents"  
]
```

Declared by:

[`<home-manager/modules/services/unison.nix>`](#)

[`services.unison.pairs.<name>.stateDirectory`](#)

Unison state directory to use.

Type: path

Default: "\$XDG_DATA_HOME/unison"

Declared by:

[`<home-manager/modules/services/unison.nix>`](#)

[`services.vdirsyncer.enable`](#)

Whether to enable vdirsyncer.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/vdirsyncer.nix>`](#)

[`services.vdirsyncer.package`](#)

The package to use for the vdirsyncer binary.

Type: package

Default: "pkgs.vdirsyncer"

Example: pkgs.vdirsyncer

Declared by:

[`<home-manager/modules/services/vdirsyncer.nix>`](#)

[services.vdirsyncer.configFile](#)

Optional configuration file to link to use instead of the default file (`$XDG_CONFIG_HOME/vdirsyncer/config`).

Type: null or path

Default: null

Declared by:

[`<home-manager/modules/services/vdirsyncer.nix>`](#)

[services.vdirsyncer.frequency](#)

How often to run vdirsyncer. This value is passed to the systemd timer configuration as the `onCalendar` option. See [systemd.time\(7\)](#) for more information about the format.

Type: string

Default: "*:0/5"

Declared by:

[`<home-manager/modules/services/vdirsyncer.nix>`](#)

[services.vdirsyncer.verbosity](#)

Whether vdirsyncer should produce verbose output.

Type: null or one of "CRITICAL", "ERROR", "WARNING", "INFO", "DEBUG"

Default: null

Declared by:

[`<home-manager/modules/services/vdirsyncer.nix>`](#)

[services.volnoti.enable](#)

Whether to enable Volnoti volume HUD daemon.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/volnoti.nix>`](#)

[`services.volnoti.package`](#)

Package containing the **volnoti** program.

Type: package

Default: pkgs.volnoti

Declared by:

[`<home-manager/modules/services/volnoti.nix>`](#)

[`services.wlsunset.enable`](#)

Whether to enable wlsunset.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/wlsunset.nix>`](#)

[`services.wlsunset.package`](#)

wlsunset derivation to use.

Type: package

Default: "pkgs.wlsunset"

Declared by:

[`<home-manager/modules/services/wlsunset.nix>`](#)

[`services.wlsunset.gamma`](#)

Gamma value to use.

Type: string

Default: "1.0"

Declared by:

[<home-manager/modules/services/wlsunset.nix>](#)

services.wlsunset.latitude

Your current latitude, between -90.0 and 90.0.

Type: string

Declared by:

[<home-manager/modules/services/wlsunset.nix>](#)

services.wlsunset.longitude

Your current longitude, between -180.0 and 180.0.

Type: string

Declared by:

[<home-manager/modules/services/wlsunset.nix>](#)

services.wlsunset.systemdTarget

Systemd target to bind to.

Type: string

Default: "graphical-session.target"

Declared by:

[<home-manager/modules/services/wlsunset.nix>](#)

services.wlsunset.temperature.day

Colour temperature to use during the day, in Kelvin (K). This value must be greater than `temperature.night`.

Type: signed integer

Default: 6500

Declared by:

[<home-manager/modules/services/wlsunset.nix>](#)

[services.wlsunset.temperature.night](#)

Colour temperature to use during the night, in Kelvin (K). This value must be smaller than `temperature.day`.

Type: signed integer

Default: 4000

Declared by:

[<home-manager/modules/services/wlsunset.nix>](#)

[services.wob.enable](#)

Whether to enable wob.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/wob.nix>](#)

[services.wob.package](#)

The wob package to use.

Type: package

Default: pkgs.wob

Declared by:

[<home-manager/modules/services/wob.nix>](#)

[services.wob.settings](#)

Configuration written to `$XDG_CONFIG_HOME/wob/wob.ini`. See `wob.ini(5)` for documentation.

Type: attribute set of attribute set of (INI atom (null, bool, int, float or string))

Default: { }

Example:

{

```
"" = {  
    border_size = 10;  
    height = 50;  
};  
"output.foo".name = "DP-1";  
"style.muted".background_color = "032cfcc";  
}
```

Declared by:

[<home-manager/modules/services/wob.nix>](#)

services.wob.systemd

Whether to enable systemd service and socket for wob.

Type: boolean

Default: true

Example: true

Declared by:

[<home-manager/modules/services/wob.nix>](#)

services.xcape.enable

Whether to enable xcape.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/xcape.nix>](#)

services.xcape.mapExpression

The value has the grammar Key[|0therKey].

The list of key names is found in the header file X11/keysymdef.h (remove the XK_ prefix). Note that due to limitations of X11 shifted keys must be specified as a shift key followed by the key to be pressed rather than the actual name of the character. For example to generate "{" the expression

`Shift_L|bracketleft` could be used (assuming that you have a key with “{” above “[”).

You can also specify keys in decimal (prefix #), octal (#0), or hexadecimal (#0x). They will be interpreted as keycodes unless no corresponding key name is found.

Type: attribute set of string

Default: { }

Example:

```
{  
    Control_L = "Control_L|0";  
    Shift_L = "Escape";  
}
```

Declared by:

[<home-manager/modules/services/xcape.nix>](#)

services.xcape.timeout

If you hold a key longer than this timeout, xcape will not generate a key event. Default is 500 ms.

Type: null or signed integer

Default: null

Example: 500

Declared by:

[<home-manager/modules/services/xcape.nix>](#)

services.xembed-sni-proxy.enable

Whether to enable XEmbed SNI Proxy.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/xembed-sni-proxy.nix>](#)

[services.xembed-sni-proxy.package](#)

Package containing the **xembedsniproxy** program.

Type: package

Default: pkgs.plasma-workspace

Declared by:

[<home-manager/modules/services/xembed-sni-proxy.nix>](#)

[services.xidlehook.enable](#)

Whether to enable xidlehook systemd service.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/xidlehook.nix>](#)

[services.xidlehook.package](#)

The package to use for xidlehook.

Type: package

Default: "pkgs.xidlehook"

Declared by:

[<home-manager/modules/services/xidlehook.nix>](#)

[services.xidlehook.detect-sleep](#)

Whether to enable detecting when the system wakes up from a suspended state and resetting the idle timer.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/xidlehook.nix>](#)

[services.xidlehook.environment](#)

Extra environment variables to be exported in the script. These options are passed unescaped as `export name=value`.

Type: attribute set of string

Default: { }

Example:

```
{  
  "primary-display" = "$(xrandr | awk '/ primary/{print $1}')";  
}
```

Declared by:

[<home-manager/modules/services/xidlehook.nix>](#)

[services.xidlehook.not-when-audio](#)

Disable locking when audio is playing.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/xidlehook.nix>](#)

[services.xidlehook.not-when-fullscreen](#)

Disable locking when a fullscreen application is in use.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/xidlehook.nix>](#)

services.xidlehook.once

Whether to enable running the program once and exiting.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/xidlehook.nix>`](#)

services.xidlehook.timers

A set of commands to be executed after a specific idle timeout. The commands specified in command and canceller are passed escaped to the script. To use or re-use environment variables that are script-dependent, specify them in the environment section.

Type: list of (submodule)

Default: []

Example:

```
[  
 {  
   delay = 60;  
   command = "xrandr --output \"$PRIMARY_DISPLAY\" --brightness .1";  
   canceller = "xrandr --output \"$PRIMARY_DISPLAY\" --brightness 1";  
 }  
 {  
   delay = 120;  
   command = "${pkgs.writeShellScript "my-script" ''  
     # A complex script to run  
   ''}";  
 }  
 ]
```

Declared by:

[`<home-manager/modules/services/xidlehook.nix>`](#)

services.xidlehook.timers.*.canceller

Command executed when the user becomes active again. This is only executed if the next timer has not been reached. Path to executables are accepted. The command is automatically escaped.

Type: string

Default: ""

Example:

```
${pkgs.libnotify}/bin/notify-send "Idle" "Resuming activity"
```

Declared by:

[<home-manager/modules/services/xidlehook.nix>](#)

services.xidlehook.timers.*.command

Command executed after the idle timeout is reached. Path to executables are accepted. The command is automatically escaped.

Type: null or string

Example:

```
${pkgs.libnotify}/bin/notify-send "Idle" "Sleeping in 1 minute"
```

Declared by:

[<home-manager/modules/services/xidlehook.nix>](#)

services.xidlehook.timers.*.delay

Time before executing the command.

Type: unsigned integer, meaning ≥ 0

Example: 60

Declared by:

[<home-manager/modules/services/xidlehook.nix>](#)

services.xscreensaver.enable

Whether to enable XScreenSaver.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/xscreensaver.nix>](#)

services.xscreensaver.settings

The settings to use for XScreenSaver.

Type: attribute set of (boolean or signed integer or string)

Default: { }

Example:

```
{  
    fadeTicks = 20;  
    lock = false;  
    mode = "blank";  
}
```

Declared by:

[<home-manager/modules/services/xscreensaver.nix>](#)

services.xsettingsd.enable

Whether to enable xsettingsd.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/xsettingsd.nix>](#)

services.xsettingsd.package

Package containing the **xsettingsd** program.

Type: package

Default: pkgs.xsettingsd

Declared by:

[<home-manager/modules/services/xsettingsd.nix>](#)

services.xsettingsd.settings

Xsettingsd options for configuration file. See <https://github.com/derat/xsettingsd/wiki/Settings> for documentation on these values.

Type: attribute set of (boolean or signed integer or string)

Default: { }

Example:

```
{  
    "Net/ThemeName" = "Numix";  
    "Xft/Antialias" = true;  
    "Xft/Hinting" = true;  
    "Xft/RGBA" = "rgb";  
}
```

Declared by:

[<home-manager/modules/services/xsettingsd.nix>](#)

services.xsuspsender.enable

Whether to enable XSuspender.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/xsusponder.nix>](#)[services.xsusponder.debug](#)

Whether to enable debug output.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/services/xsusponder.nix>](#)[services.xsusponder.defaults](#)

XSuspender defaults.

Type: submodule

Default: { }

Declared by:

[<home-manager/modules/services/xsusponder.nix>](#)[services.xsusponder.defaults.autoSuspendOnBattery](#)

Whether to auto-apply rules when switching to battery power even if the window(s) didn't just lose focus.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/services/xsusponder.nix>](#)[services.xsusponder.defaults.downclockOnBattery](#)

Limit CPU consumption for this factor when on battery power. Value 1 means 50% decrease, 2 means 66%, 3 means 75% etc.

Type: signed integer

Default: 0

Declared by:

[<home-manager/modules/services/xsusponder.nix>](#)

[services.xsusponder.defaults.execResume](#)

Before resuming, execute this shell script. Resume the process regardless script failure.

Type: null or string

Default: null

Example: "echo resuming ..."

Declared by:

[<home-manager/modules/services/xsusponder.nix>](#)

[services.xsusponder.defaults.execSuspend](#)

Before suspending, execute this shell script. If it fails, abort suspension.

Type: null or string

Default: null

Example: "echo \"suspending window \$XID of process \$PID\""

Declared by:

[<home-manager/modules/services/xsusponder.nix>](#)

[services.xsusponder.defaults.matchWmClassContains](#)

Match windows that wm class contains string.

Type: null or string

Default: null

Declared by:

[<home-manager/modules/services/xsusponder.nix>](#)

[services.xsusponder.defaults.matchWmClassGroupContains](#)

Match windows where wm class group contains string.

Type: null or string

Default: null

Declared by:

[<home-manager/modules/services/xsusponder.nix>](#)

services.xsuspender.defaults.matchWmNameContains

Match windows where wm name contains string.

Type: null or string

Default: null

Declared by:

[<home-manager/modules/services/xsuspender.nix>](#)

services.xsuspender.defaults.onlyOnBattery

Whether to enable process suspend only on battery.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/services/xsuspender.nix>](#)

services.xsuspender.defaults.resumeEvery

Resume interval in seconds.

Type: signed integer

Default: 50

Declared by:

[<home-manager/modules/services/xsuspender.nix>](#)

services.xsuspender.defaults.resumeFor

Resume duration in seconds.

Type: signed integer

Default: 5

Declared by:

[<home-manager/modules/services/xsuspender.nix>](#)

services.xsuspender.defaults.sendSignals

Whether to send SIGSTOP / SIGCONT signals or not. If false just the exec scripts are run.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/services/xsusponder.nix>`](#)

`services.xsusponder.defaults.suspendDelay`

Initial suspend delay in seconds.

Type: signed integer

Default: 5

Declared by:

[`<home-manager/modules/services/xsusponder.nix>`](#)

`services.xsusponder.defaults.suspendSubtreePattern`

Also suspend descendant processes that match this regex.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/services/xsusponder.nix>`](#)

`services.xsusponder.rules`

Attribute set of XSuspender rules.

Type: attribute set of (submodule)

Default: { }

Example:

```
{  
    Chromium = {  
        matchWmClassContains = "chromium-browser";  
        suspendDelay = 10;  
        suspendSubtreePattern = "chromium";  
    };  
}
```

Declared by:

[`<home-manager/modules/services/xsuspsender.nix>`](#)

`services.xsuspsender.rules.<name>.autoSuspendOnBattery`

Whether to auto-apply rules when switching to battery power even if the window(s) didn't just lose focus.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/services/xsuspsender.nix>`](#)

`services.xsuspsender.rules.<name>.downclockOnBattery`

Limit CPU consumption for this factor when on battery power. Value 1 means 50% decrease, 2 means 66%, 3 means 75% etc.

Type: signed integer

Default: 0

Declared by:

[`<home-manager/modules/services/xsuspsender.nix>`](#)

`services.xsuspsender.rules.<name>.execResume`

Before resuming, execute this shell script. Resume the process regardless script failure.

Type: null or string

Default: null

Example: "echo resuming . . ."

Declared by:

[`<home-manager/modules/services/xsusponder.nix>`](#)

`services.xsusponder.rules.<name>.execSuspend`

Before suspending, execute this shell script. If it fails, abort suspension.

Type: null or string

Default: null

Example: "echo \"suspending window \$XID of process \$PID\""

Declared by:

[`<home-manager/modules/services/xsusponder.nix>`](#)

`services.xsusponder.rules.<name>.matchWmClassContains`

Match windows that wm class contains string.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/services/xsusponder.nix>`](#)

`services.xsusponder.rules.<name>.matchWmClassGroupContains`

Match windows where wm class group contains string.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/services/xsusponder.nix>`](#)

`services.xsusponder.rules.<name>.matchWmNameContains`

Match windows where wm name contains string.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/services/xsusponder.nix>`](#)[`services.xsusponder.rules.<name>.onlyOnBattery`](#)

Whether to enable process suspend only on battery.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/services/xsusponder.nix>`](#)[`services.xsusponder.rules.<name>.resumeEvery`](#)

Resume interval in seconds.

Type: signed integer

Default: 50

Declared by:

[`<home-manager/modules/services/xsusponder.nix>`](#)[`services.xsusponder.rules.<name>.resumeFor`](#)

Resume duration in seconds.

Type: signed integer

Default: 5

Declared by:

[`<home-manager/modules/services/xsusponder.nix>`](#)[`services.xsusponder.rules.<name>.sendSignals`](#)

Whether to send SIGSTOP / SIGCONT signals or not. If false just the exec scripts are run.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/services/xsusponder.nix>`](#)[`services.xsusponder.rules.<name>.suspendDelay`](#)

Initial suspend delay in seconds.

Type: signed integer

Default: 5

Declared by:

[<home-manager/modules/services/xsusender.nix>](#)

services.xsusender.rules.<name>.suspendSubtreePattern

Also suspend descendant processes that match this regex.

Type: null or string

Default: null

Declared by:

[<home-manager/modules/services/xsusender.nix>](#)

specialisation

A set of named specialized configurations. These can be used to extend your base configuration with additional settings. For example, you can have specialisations named “light” and “dark” that apply light and dark color theme configurations.

This is an experimental option for now and you therefore have to activate the specialisation by looking up and running the activation script yourself. Running the activation script will create a new Home Manager generation.

For example, to activate the “dark” specialisation, you can first look up your current Home Manager generation by running

```
$ home-manager generations | head -1  
2022-05-02 22:49 : id 1758 -> /nix/store/jy...ac-home-manager-generation
```

then run

```
$ /nix/store/jy...ac-home-manager-generation/specialisation/dark/activate  
Starting Home Manager activation
```

...

Since this option is experimental, the activation process may change in backwards incompatible ways.

Type: attribute set of (submodule)

Default: { }

Declared by:

[<home-manager/modules/misc/specialisation.nix>](#)

[specialisation.<name>.configuration](#)

Arbitrary Home Manager configuration settings.

Type: submodule

Default: { }

Declared by:

[<home-manager/modules/misc/specialisation.nix>](#)

[systemd.user.automounts](#)

Definition of systemd per-user automount units. Attributes are merged recursively.

Note that the attributes follow the capitalization and naming used by systemd. More details can be found in [systemd.automount\(5\)](#).

Type: systemd automount unit configuration

Default: { }

Example:

```
{  
  automount-name = {  
    Unit = {  
      Description = "Example description";  
      Documentation = [ "man:example(1)" "man:example(5)" ];  
    };  
};
```

```
Automount = {  
    ...  
};  
};  
};
```

Declared by:

[<home-manager/modules/systemd.nix>](#)

systemd.user.mounts

Definition of systemd per-user mount units. Attributes are merged recursively.

Note that the attributes follow the capitalization and naming used by systemd. More details can be found in [systemd.mount\(5\)](#).

Type: systemd mount unit configuration

Default: { }

Example:

```
{  
    mount-name = {  
        Unit = {  
            Description = "Example description";  
            Documentation = [ "man:example(1)" "man:example(5)" ];  
        };  
  
        Mount = {  
            ...  
        };  
    };  
};
```

Declared by:

[<home-manager/modules/systemd.nix>](#)

systemd.user.paths

Definition of systemd per-user path units. Attributes are merged recursively.

Note that the attributes follow the capitalization and naming used by systemd. More details can be found in [systemd.path\(5\)](#).

Type: systemd path unit configuration

Default: { }

Example:

```
{  
    path-name = {  
        Unit = {  
            Description = "Example description";  
            Documentation = [ "man:example(1)" "man:example(5)" ];  
        };  
  
        Path = {  
            ...  
        };  
    };  
};
```

Declared by:

[`<home-manager/modules/systemd.nix>`](#)

[systemd.user.services](#)

Definition of systemd per-user service units. Attributes are merged recursively.

Note that the attributes follow the capitalization and naming used by systemd. More details can be found in [systemd.service\(5\)](#).

Type: systemd service unit configuration

Default: { }

Example:

```
{  
    service-name = {
```

```
Unit = {  
    Description = "Example description";  
    Documentation = [ "man:example(1)" "man:example(5)" ];  
};  
  
Service = {  
    ...  
};  
};  
};
```

Declared by:

[<home-manager/modules/systemd.nix>](#)

systemd.user.servicesStartTimeoutMs

How long to wait for started services to fail until their start is considered successful. The value 0 indicates no timeout.

Type: unsigned integer, meaning ≥ 0

Default: 0

Declared by:

[<home-manager/modules/systemd.nix>](#)

systemd.user.sessionVariables

Environment variables that will be set for the user session. The variable values must be as described in environment.d(5).

Type: attribute set of (signed integer or string)

Default: {}

Example:

```
{  
    EDITOR = "vim";  
}
```

Declared by:

<home-manager/modules/systemd.nix>systemd.user.settings

Extra config options for user session service manager. See [systemd-user.conf\(5\)](#) for available options.

Type: attribute set of attribute set of (INI atom (null, bool, int, float or string) or a list of them for duplicate keys)

Default: { }

Example:

```
{  
  Manager.DefaultCPUAccounting = true;  
}
```

Declared by:

<home-manager/modules/systemd.nix>systemd.user.settings.Manager.DefaultEnvironment

Configures environment variables passed to all executed processes.

Type: attribute set of (null or string or path or package)

Default: { }

Example:

```
{  
  PATH = "%u/bin:%u/.cargo/bin";  
}
```

Declared by:

<home-manager/modules/systemd.nix>systemd.user.settings.Manager.Environment

Sets environment variables just for the manager process itself.

Type: attribute set of (null or string or path or package)

Default: { }

Example:

```
{  
  PATH = "%u/bin:%u/.cargo/bin";  
}
```

Declared by:

[<home-manager/modules/systemd.nix>](#)

systemd.user.slices

Definition of systemd per-user slice units. Attributes are merged recursively.

Note that the attributes follow the capitalization and naming used by systemd. More details can be found in [systemd.slice\(5\)](#).

Type: systemd slice unit configuration

Default: { }

Example:

```
{  
  slice-name = {  
    Unit = {  
      Description = "Example description";  
      Documentation = [ "man:example(1)" "man:example(5)" ];  
    };  
  
    Slice = {  
      ...  
    };  
  };  
};
```

Declared by:

[`<home-manager/modules/systemd.nix>`](#)

`systemd.user.sockets`

Definition of systemd per-user socket units. Attributes are merged recursively.

Note that the attributes follow the capitalization and naming used by systemd. More details can be found in [`systemd.socket\(5\)`](#).

Type: systemd socket unit configuration

Default: { }

Example:

```
{  
    socket-name = {  
        Unit = {  
            Description = "Example description";  
            Documentation = [ "man:example(1)" "man:example(5)" ];  
        };  
  
        Socket = {  
            ...  
        };  
    };  
};
```

Declared by:

[`<home-manager/modules/systemd.nix>`](#)

`systemd.user.startServices`

Whether new or changed services that are wanted by active targets should be started. Additionally, stop obsolete services from the previous generation.

The alternatives are

suggest (or false)

Use a very simple shell script to print suggested `systemctl` commands to run. You will have to manually run those commands after the switch.

legacy (or true)

Use a Ruby script to, in a more robust fashion, determine the necessary changes and automatically run the `systemctl` commands.

sd-switch

Use sd-switch, a third party application, to perform the service updates. This tool offers more features while having a small closure size. Note, it requires a fully functional user D-Bus session. Once tested and deemed sufficiently robust, this will become the default.

Type: boolean or one of “suggest”, “legacy”, “sd-switch”

Default: "suggest"

Declared by:

[<home-manager/modules/systemd.nix>](#)

systemd.user.systemctlPath

Absolute path to the `systemctl` tool. This option may need to be set if running Home Manager on a non-NixOS distribution.

Type: string

Default: "\${pkgs.systemd}/bin/systemctl"

Declared by:

[<home-manager/modules/systemd.nix>](#)

systemd.user.targets

Definition of systemd per-user target units. Attributes are merged recursively.

Note that the attributes follow the capitalization and naming used by systemd. More details can be found in `systemd.target(5)`.

Type: systemd target unit configuration

Default: { }

Example:

```
{  
    target-name = {  
        Unit = {  
            Description = "Example description";  
        };  
    };  
};
```

```
Documentation = [ "man:example(1)" "man:example(5)" ];  
};  
  
Target = {  
    ...  
};  
};  
};
```

Declared by:

<home-manager/modules/systemd.nix>

systemd.user.timers

Definition of systemd per-user timer units. Attributes are merged recursively.

Note that the attributes follow the capitalization and naming used by systemd. More details can be found in [systemd.timer\(5\)](#).

Type: systemd timer unit configuration

Default: { }

Example:

```
{  
    timer-name = {  
        Unit = {  
            Description = "Example description";  
            Documentation = [ "man:example(1)" "man:example(5)" ];  
        };  
  
        Timer = {  
            ...  
        };  
    };  
};
```

Declared by:

[home-manager/modules/systemd.nix](#)

systemd.user.tmpfiles.rules

Rules for creating and cleaning up temporary files automatically. See [tmpfiles.d\(5\)](#) for the exact format.

Type: list of string

Default: []

Example:

```
[  
  "L /home/user/Documents - - - - /mnt/data/Documents"  
]
```

Declared by:

[home-manager/modules/misc/tmpfiles.nix](#)

targets.darwin.currentHostDefaults

Set macOS user defaults. Unlike `targets.darwin.defaults`, the preferences will only be applied to the currently logged-in host. This distinction is important for networked accounts.

Values set to `null` are ignored.

Some settings might require a re-login to take effect.

Type: attribute set of attribute set of anything

Default: { }

Example:

```
{  
  "com.apple.controlcenter" = {  
    BatteryShowPercentage = true;  
  };  
}
```

Declared by:

[`<home-manager/modules/targets/darwin/user-defaults>`](#)

[`targets.darwin.currentHostDefaults."com.apple.controlcenter".BatteryShowPercentage`](#)

Whether to show battery percentage in the menu bar.

Type: null or boolean

Default: null

Example: true

Declared by:

[`<home-manager/modules/targets/darwin/user-defaults/opts-currenthost.nix>`](#)

[`targets.darwin.defaults`](#)

Set macOS user defaults. Values set to null are ignored.

Some settings might require a re-login to take effect.

Some settings are only read from `targets.darwin.currentHostDefaults`.

Type: attribute set of attribute set of anything

Default: { }

Example:

```
{  
    "com.apple.desktopservices" = {  
        DS DontWriteNetworkStores = true;  
        DS DontWriteUSBStores = true;  
    };  
}
```

Declared by:

[`<home-manager/modules/targets/darwin/user-defaults>`](#)

targets.darwin.defaults.NSGlobalDomain.AppleLanguages

Sets the language to use in the preferred order.

Type: null or (list of string)

Default: null

Example:

```
[  
    "en"  
]
```

Declared by:

[<home-manager/modules/targets/darwin/user-defaults/opts-allhosts.nix>](#)

targets.darwin.defaults.NSGlobalDomain.AppleLocale

Configures the user locale.

Type: null or string

Default: null

Example: "en_US"

Declared by:

[<home-manager/modules/targets/darwin/user-defaults/opts-allhosts.nix>](#)

targets.darwin.defaults.NSGlobalDomain.AppleMeasurementUnits

Sets the measurement unit.

Type: null or one of "Centimeters", "Inches"

Default: null

Example: "Centimeters"

Declared by:

[<home-manager/modules/targets/darwin/user-defaults/opts-allhosts.nix>](#)

targets.darwin.defaults.NSGlobalDomain.AppleMetricUnits

Whether to enable the metric system.

Type: null or boolean

Default: null

Example: true

Declared by:

[`<home-manager/modules/targets/darwin/user-defaults/opts-allhosts.nix>`](#)

`targets.darwin.defaults.NSGlobalDomain.AppleTemperatureUnit`

Sets the temperature unit.

Type: null or one of “Celsius”, “Fahrenheit”

Default: null

Example: "Celsius"

Declared by:

[`<home-manager/modules/targets/darwin/user-defaults/opts-allhosts.nix>`](#)

`targets.darwin.defaults.NSGlobalDomain.NSAutomaticCapitalizationEnabled`

Whether to enable automatic capitalization.

Type: null or boolean

Default: null

Example: true

Declared by:

[`<home-manager/modules/targets/darwin/user-defaults/opts-allhosts.nix>`](#)

`targets.darwin.defaults.NSGlobalDomain.NSAutomaticDashSubstitutionEnabled`

Whether to enable smart dashes.

Type: null or boolean

Default: null

Example: true

Declared by:

[<home-manager/modules/targets/darwin/user-defaults/opts-allhosts.nix>](#)

targets.darwin.defaults.NSGlobalDomain.NSAutomaticPeriodSubstitutionEnabled

Whether to enable period with double space.

Type: null or boolean

Default: null

Example: true

Declared by:

[<home-manager/modules/targets/darwin/user-defaults/opts-allhosts.nix>](#)

targets.darwin.defaults.NSGlobalDomain.NSAutomaticQuoteSubstitutionEnabled

Whether to enable smart quotes.

Type: null or boolean

Default: null

Example: true

Declared by:

[<home-manager/modules/targets/darwin/user-defaults/opts-allhosts.nix>](#)

targets.darwin.defaults.NSGlobalDomain.NSAutomaticSpellingCorrectionEnabled

Whether to enable spelling correction.

Type: null or boolean

Default: null

Example: true

Declared by:

[<home-manager/modules/targets/darwin/user-defaults/opts-allhosts.nix>](#)

targets.darwin.defaults."com.apple.Safari".AutoFillCreditCardData

Whether to enable autofill of credit card numbers.

Type: null or boolean

Default: null

Example: true

Declared by:

[`<home-manager/modules/targets/darwin/user-defaults/opts-allhosts.nix>`](#)

[`targets.darwin.defaults."com.apple.Safari".AutoFillPasswords`](#)

Whether to enable autofill of usernames and passwords.

Type: null or boolean

Default: null

Example: true

Declared by:

[`<home-manager/modules/targets/darwin/user-defaults/opts-allhosts.nix>`](#)

[`targets.darwin.defaults."com.apple.Safari".AutoOpenSafeDownloads`](#)

Whether to enable opening of downloaded files.

Type: null or boolean

Default: null

Example: true

Declared by:

[`<home-manager/modules/targets/darwin/user-defaults/opts-allhosts.nix>`](#)

[`targets.darwin.defaults."com.apple.Safari".IncludeDevelopMenu`](#)

Whether to enable “Develop” menu in the menu bar.

Type: null or boolean

Default: null

Example: true

Declared by:

[`<home-manager/modules/targets/darwin/user-defaults/opts-allhosts.nix>`](#)

[`targets.darwin.defaults."com.apple.Safari".ShowOverlayStatusBar`](#)

Whether to enable status bar.

Type: null or boolean

Default: null

Example: true

Declared by:

[`<home-manager/modules/targets/darwin/user-defaults/opts-allhosts.nix>`](#)

[`targets.darwin.defaults."com.apple.Safari".WebKitDeveloperExtrasEnabledPreferenceKey`](#)

Configures the web inspector.

Instead of setting this option directly, set `IncludeDevelopMenu` instead.

Type: null or boolean

Default: null

Declared by:

[`<home-manager/modules/targets/darwin/user-defaults/opts-allhosts.nix>`](#)

[`targets.darwin.defaults."com.apple.Safari"."WebKitPreferences.developerExtrasEnabled"`](#)

Configures the web inspector.

Instead of setting this option directly, set `IncludeDevelopMenu` instead.

Type: null or boolean

Default: null

Declared by:

[`<home-manager/modules/targets/darwin/user-defaults/opts-allhosts.nix>`](#)

[`targets.darwin.defaults."com.apple.Safari.SandboxBroker".ShowDevelopMenu`](#)

Show the “Develop” menu in Safari’s menubar.

*Instead of setting this option directly, set
"com.apple.Safari".`IncludeDevelopMenu` instead.*

Type: null or boolean

Default: null

Declared by:

[`<home-manager/modules/targets/darwin/user-defaults/opts-allhosts.nix>`](#)

`targets.darwin.defaults."com.apple.desktopservices".DSDontWriteNetworkStores`

Disable use of .DS_Store files on network shares. See [the official article](#) for more info.

Type: null or boolean

Default: null

Example: false

Declared by:

[`<home-manager/modules/targets/darwin/user-defaults/opts-allhosts.nix>`](#)

`targets.darwin.defaults."com.apple.desktopservices".DSDontWriteUSBStores`

Disable use of .DS_Store files on thumb drives.

Type: null or boolean

Default: null

Example: false

Declared by:

[`<home-manager/modules/targets/darwin/user-defaults/opts-allhosts.nix>`](#)

`targets.darwin.defaults."com.apple.dock".expose-group-apps`

Whether to enable grouping of windows by application in Mission Control.

Type: null or boolean

Default: null

Example: true

Declared by:

[`<home-manager/modules/targets/darwin/user-defaults/opts-allhosts.nix>`](#)

`targets.darwin.defaults."com.apple.dock".size-immutable`

Whether to enable locking of the dock size.

Type: null or boolean

Default: null

Example: true

Declared by:

[`<home-manager/modules/targets/darwin/user-defaults/opts-allhosts.nix>`](#)

`targets.darwin.defaults."com.apple.dock".tilesize`

Sets the size of the dock.

Type: null or signed integer

Default: null

Example: 64

Declared by:

[`<home-manager/modules/targets/darwin/user-defaults/opts-allhosts.nix>`](#)

`targets.darwin.defaults."com.apple.menuextra.battery".ShowPercent`

This option no longer works on macOS 11 and later. Instead, use
`targets.darwin.currentHostDefaults.\\"com.apple.controlcenter\\\".BatteryShowPercentage`.

Whether to show battery percentage in the menu bar.

Type: null or one of “YES”, “NO”

Default: null

Example: "NO"

Declared by:

[`<home-manager/modules/targets/darwin/user-defaults/opts-allhosts.nix>`](#)

`targets.darwin.defaults."com.googlecode.iterm2".AddNewTabAtEndOfTabs`

Whether to enable placement of new tabs at the end of the tab bar.

Type: null or boolean

Default: null

Example: true

Declared by:

[`<home-manager/modules/targets/darwin/user-defaults/opts-allhosts.nix>`](#)

[`targets.darwin.defaults."com.googlecode.iterm2".AlternateMouseScroll`](#)

Whether to enable arrow keys when scrolling in alternate screen mode.

Type: null or boolean

Default: null

Example: true

Declared by:

[`<home-manager/modules/targets/darwin/user-defaults/opts-allhosts.nix>`](#)

[`targets.darwin.defaults."com.googlecode.iterm2".CopySelection`](#)

Whether to enable copy to clipboard upon selecting text.

Type: null or boolean

Default: null

Example: true

Declared by:

[`<home-manager/modules/targets/darwin/user-defaults/opts-allhosts.nix>`](#)

[`targets.darwin.defaults."com.googlecode.iterm2".ExperimentalKeyHandling`](#)

Whether to enable experimental key handling for AquaSKK compatibility.

Type: null or boolean

Default: null

Example: true

Declared by:

[`<home-manager/modules/targets/darwin/user-defaults/opts-allhosts.nix>`](#)

[`targets.darwin.defaults."com.googlecode.iterm2".OpenTmuxWindowsIn`](#)

Configures how to restore tmux windows when attaching to a session.

Possible Values

0

Native windows

1

Native tabs in a new window

2

Tabs in the attaching window

Type: null or signed integer

Default: null

Example: 2

Declared by:

[<home-manager/modules/targets/darwin/user-defaults/opts-allhosts.nix>](#)

targets.darwin.keybindings

This will configure the default keybindings for text fields in macOS applications. See [Apple's documentation](#) for more details.

Existing keybinding configuration will be wiped when using this option.

Type: attribute set of anything

Default: { }

Example:

```
{  
  "⌃u" = "deleteToBeginningOfLine:";  
  "⌃w" = "deleteWordBackward:";  
}
```

Declared by:

[<home-manager/modules/targets/darwin/keybindings.nix>](#)

targets.darwin.search

Type: Default search engine.

Type: null or one of “Bing”, “DuckDuckGo”, “Ecosia”, “Google”, “Yahoo”

Default: null

Declared by:

[<home-manager/modules/targets/darwin/search.nix>](#)

targets.genericLinux.enable

Whether to enable settings that make Home Manager work better on GNU/Linux distributions other than NixOS.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/targets/generic-linux.nix>](#)

uninstall

Whether to set up a minimal configuration that will remove all managed files and packages.

Use this with extreme care since running the generated activation script will remove all Home Manager state from your user environment. This includes removing all your historic Home Manager generations.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/misc/uninstall.nix>](#)

wayland.windowManager.hyprland.enable

Whether to enable Hyprland wayland compositor.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/window-managers/hyprland.nix>](#)

wayland.windowManager.hyprland.enableNvidiaPatches

Whether to enable patching wlroots for better Nvidia support.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/window-managers/hyprland.nix>](#)

wayland.windowManager.hyprland.package

The hyprland package to use.

Type: package

Default: pkgs.hyprland

Declared by:

[<home-manager/modules/services/window-managers/hyprland.nix>](#)

wayland.windowManager.hyprland.extraConfig

Extra configuration lines to add to `~/.config/hypr/hyprland.conf`.

Type: strings concatenated with “\n”

Default: “ ”

Example:

```
;;
# window resize
bind = $mod, S, submap, resize

submap = resize
binde = , right, resizeactive, 10 0
binde = , left, resizeactive, -10 0
binde = , up, resizeactive, 0 -10
binde = , down, resizeactive, 0 10
```

```
bind = , escape, submap, reset
submap = reset
"
```

Declared by:

[`<home-manager/modules/services/window-managers/hyprland.nix>`](#)

`wayland.windowManager.hyprland.finalPackage`

The Hyprland package after applying configuration.

Type: package (*read only*)

Default: `wayland.windowManager.hyprland.package` with applied configuration

Declared by:

[`<home-manager/modules/services/window-managers/hyprland.nix>`](#)

`wayland.windowManager.hyprland.plugins`

List of Hyprland plugins to use. Can either be packages or absolute plugin paths.

Type: list of (package or path)

Default: []

Declared by:

[`<home-manager/modules/services/window-managers/hyprland.nix>`](#)

`wayland.windowManager.hyprland.settings`

Hyprland configuration written in Nix. Entries with the same key should be written as lists. Variables' and colors' names should be quoted. See <https://wiki.hyprland.org> for more examples.

Use the `wayland.windowManager.hyprland.plugins` option to declare plugins.

Type: Hyprland configuration value

Default: { }

Example:

```
{  
    decoration = {  
        shadow_offset = "0 5";  
        "col.shadow" = "rgba(000000099)";  
    };  
  
    "$mod" = "SUPER";  
  
    bindm = [  
        # mouse movements  
        "$mod, mouse:272, movewindow"  
        "$mod, mouse:273, resizewindow"  
        "$mod ALT, mouse:272, resizewindow"  
    ];  
}
```

Declared by:

[<home-manager/modules/services/window-managers/hyprland.nix>](#)

[wayland.windowManager.hyprland.sourceFirst](#)

Whether to enable putting source entries at the top of the configuration .

Type: boolean

Default: true

Example: true

Declared by:

[<home-manager/modules/services/window-managers/hyprland.nix>](#)

[wayland.windowManager.hyprland.systemd.enable](#)

Whether to enable hyprland-session.target on hyprland startup. This links to graphical-session.target. Some important environment variables will be imported to systemd and D-Bus user environment before reaching the target, including

- DISPLAY
- HYPRLAND_INSTANCE_SIGNATURE
- WAYLAND_DISPLAY

- XDG_CURRENT_DESKTOP

Type: boolean

Default: true

Example: true

Declared by:

[`<home-manager/modules/services/window-managers/hyprland.nix>`](#)

`wayland.windowManager.hyprland.systemd.extraCommands`

Extra commands to be run after D-Bus activation.

Type: list of string

Default:

```
[  
  "systemctl --user stop hyprland-session.target"  
  "systemctl --user start hyprland-session.target"  
]
```

Declared by:

[`<home-manager/modules/services/window-managers/hyprland.nix>`](#)

`wayland.windowManager.hyprland.systemd.variables`

Environment variables to be imported in the systemd & D-Bus user environment.

Type: list of string

Default:

```
[  
  "DISPLAY"  
  "HYPRLAND_INSTANCE_SIGNATURE"  
  "WAYLAND_DISPLAY"  
  "XDG_CURRENT_DESKTOP"  
]
```

Example:

```
[  
  "-all"  
]
```

Declared by:

[`<home-manager/modules/services/window-managers/hyprland.nix>`](#)

`wayland.windowManager.hyprland.xwayland.enable`

Whether to enable XWayland.

Type: boolean

Default: true

Example: true

Declared by:

[`<home-manager/modules/services/window-managers/hyprland.nix>`](#)

`wayland.windowManager.sway.enable`

Whether to enable sway wayland compositor.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

`wayland.windowManager.sway.package`

Sway package to use. Will override the options ‘wrapperFeatures’, ‘extraSessionCommands’, and ‘extraOptions’. Set to null to not add any Sway package to your path. This should be done if you want to use the NixOS Sway module to install Sway.

Type: null or package

Default: \${pkgs.sway}

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

`wayland.windowManager.sway.config`

Sway configuration options.

Type: null or (submodule)

Default: { }

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

`wayland.windowManager.sway.config.assigns`

An attribute set that assigns applications to workspaces based on criteria.

Type: attribute set of list of attribute set of (string or boolean)

Default: { }

Example:

```
{  
  "1: web" = [{ class = "^Firefox$"; }];  
  "0: extra" = [{ class = "^Firefox$"; window_role = "About"; }];  
}
```

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

`wayland.windowManager.sway.config.bars`

Sway bars settings blocks. Set to empty list to remove bars completely.

Type: list of (submodule)

Default: see code

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

[wayland.windowManager.sway.config.bars.*.colors](#)

Bar color settings. All color classes can be specified using submodules with ‘border’, ‘background’, ‘text’, fields and RGB color hex-codes as values. See default values for the reference. Note that ‘background’, ‘status’, and ‘separator’ parameters take a single RGB value.

See https://i3wm.org/docs/userguide.html#_colors.

Type: submodule

Default: { }

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

[wayland.windowManager.sway.config.bars.*.colors.activeWorkspace](#)

Border, background and text color for a workspace button when the workspace is active.

Type: null or (submodule)

Default:

null for state version \geq 20.09, as example otherwise

Example:

```
{  
    background = "#5f676a";  
    border = "#333333";  
    text = "#ffffff";  
}
```

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

[wayland.windowManager.sway.config.bars.*.colors.background](#)

Background color of the bar.

Type: null or string

Default:

```
null for state version ≥ 20.09, as example otherwise
```

Example: "#000000"

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

[wayland.windowManager.sway.config.bars.*.colors.bindingMode](#)

Border, background and text color for the binding mode indicator

Type: null or (submodule)

Default:

```
null for state version ≥ 20.09, as example otherwise
```

Example:

```
{
  background = "#900000";
  border = "#2f343a";
  text = "#ffffff";
}
```

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

[wayland.windowManager.sway.config.bars.*.colors.focusedBackground](#)

Background color of the bar on the currently focused monitor output.

Type: null or string

Default: null

Example: "#000000"

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

wayland.windowManager.sway.config.bars.*.colors.focusedSeparator

Text color to be used for the separator on the currently focused monitor output.

Type: null or string

Default: null

Example: "#666666"

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

wayland.windowManager.sway.config.bars.*.colors.focusedStatusline

Text color to be used for the statusline on the currently focused monitor output.

Type: null or string

Default: null

Example: "#ffffff"

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

wayland.windowManager.sway.config.bars.*.colors.focusedWorkspace

Border, background and text color for a workspace button when the workspace has focus.

Type: null or (submodule)

Default:

`null` for state version ≥ 20.09 , as example otherwise

Example:

```
{  
    background = "#285577";  
    border = "#4c7899";  
    text = "#ffffff";  
}
```

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

[wayland.windowManager.sway.config.bars.*.colors.inactiveWorkspace](#)

Border, background and text color for a workspace button when the workspace does not have focus and is not active.

Type: null or (submodule)

Default:

```
null for state version ≥ 20.09, as example otherwise
```

Example:

```
{  
    background = "#222222";  
    border = "#333333";  
    text = "#888888";  
}
```

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

[wayland.windowManager.sway.config.bars.*.colors.separator](#)

Text color to be used for the separator.

Type: null or string

Default:

null for state version ≥ 20.09 , as example otherwise

Example: "#666666"

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

[`wayland.windowManager.sway.config.bars.*.colors.statusline`](#)

Text color to be used for the statusline.

Type: null or string

Default:

null for state version ≥ 20.09 , as example otherwise

Example: "#ffffff"

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

[`wayland.windowManager.sway.config.bars.*.colors.urgentWorkspace`](#)

Border, background and text color for a workspace button when the workspace contains a window with the urgency hint set.

Type: null or (submodule)

Default:

null for state version ≥ 20.09 , as example otherwise

Example:

```
{  
    background = "#900000";  
    border = "#2f343a";  
    text = "#ffffff";  
}
```

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

wayland.windowManager.sway.config.bars.*.command

Command that will be used to start a bar.

Type: string

Default: "i3bar"

Example: "\\${pkgs.waybar}/bin/waybar"

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

wayland.windowManager.sway.config.bars.*.extraConfig

Extra configuration lines for this bar.

Type: strings concatenated with "\n"

Default: ""

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

wayland.windowManager.sway.config.bars.*.fonts

Font configuration for this bar.

Type: (list of string) or (submodule)

Default: { }

Example:

```
{
```

```
names = [ "DejaVu Sans Mono" "FontAwesome5Free" ];
style = "Bold Semi-Condensed";
size = 11.0;
}
```

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

[`wayland.windowManager.sway.config.bars.*.hiddenState`](#)

The default bar mode when 'bar.mode' == 'hide'.

Type: null or one of "hide", "show"

Default:

```
null for state version ≥ 20.09, as example otherwise
```

Example: "hide"

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

[`wayland.windowManager.sway.config.bars.*.id`](#)

Specifies the bar ID for the configured bar instance. If this option is missing, the ID is set to bar-x, where x corresponds to the position of the embedding bar block in the config file.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

[`wayland.windowManager.sway.config.bars.*.mode`](#)

Bar visibility mode.

Type: null or one of "dock", "hide", "invisible"

Default:

`null` for state version ≥ 20.09 , as example otherwise

Example: "dock"

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

`wayland.windowManager.sway.config.bars.*.position`

The edge of the screen swaybar should show up.

Type: null or one of "top", "bottom"

Default:

`null` for state version ≥ 20.09 , as example otherwise

Example: "bottom"

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

`wayland.windowManager.sway.config.bars.*.statusCommand`

Command that will be used to get status lines.

Type: null or string

Default:

`null` for state version ≥ 20.09 , as example otherwise

Example: "\\${pkgs.i3status}/bin/i3status"

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

`wayland.windowManager.sway.config.bars.*.trayOutput`

Where to output tray.

Type: null or string

Default:

`null` for state version ≥ 20.09 , as example otherwise

Example: `"*"`

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

`wayland.windowManager.sway.config.bars.*.trayPadding`

Sets the pixel padding of the system tray. This padding will surround the tray on all sides and between each item.

Type: null or signed integer

Default:

`null` for state version ≥ 20.09 , as example otherwise

Example: `null`

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

`wayland.windowManager.sway.config.bars.*.workspaceButtons`

Whether workspace buttons should be shown or not.

Type: null or boolean

Default:

`null` for state version ≥ 20.09 , as example otherwise

Example: true

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

[`wayland.windowManager.sway.config.bars.*.workspaceNumbers`](#)

Whether workspace numbers should be displayed within the workspace buttons.

Type: null or boolean

Default:

`null` for state version ≥ 20.09 , as example otherwise

Example: true

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

[`wayland.windowManager.sway.config.bindkeysToCode`](#)

Whether to make use of --to-code in keybindings.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

[`wayland.windowManager.sway.config.colors`](#)

Color settings. All color classes can be specified using submodules with ‘border’, ‘background’,

'text', 'indicator' and 'childBorder' fields and RGB color hex-codes as values. See default values for the reference. Note that 'sway.config.colors.background' parameter takes a single RGB value.

See https://i3wm.org/docs/userguide.html#_changing_colors.

Type: submodule

Default: { }

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](https://github.com/nix-community/home-manager/blob/main/modules/services/window-managers/i3-sway/sway.nix)

wayland.windowManager.sway.config.colors.background

Background color of the window. Only applications which do not cover the whole area expose the color.

Type: string

Default: "#ffffff"

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](https://github.com/nix-community/home-manager/blob/main/modules/services/window-managers/i3-sway/sway.nix)

wayland.windowManager.sway.config.colors.focused

A window which currently has the focus.

Type: submodule

Default:

```
{  
    background = "#285577";  
    border = "#4c7899";  
    childBorder = "#285577";  
    indicator = "#2e9ef4";  
    text = "#ffffff";  
}
```

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](https://github.com/nix-community/home-manager/blob/main/modules/services/window-managers/i3-sway/sway.nix)

wayland.windowManager.sway.config.colors.focusedInactive

A window which is the focused one of its container, but it does not have the focus at the moment.

Type: submodule

Default:

```
{  
    background = "#5f676a";  
    border = "#333333";  
    childBorder = "#5f676a";  
    indicator = "#484e50";  
    text = "#ffffff";  
}
```

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

[wayland.windowManager.sway.config.colors.placeholder](#)

Background and text color are used to draw placeholder window contents (when restoring layouts). Border and indicator are ignored.

Type: submodule

Default:

```
{  
    background = "#0c0c0c";  
    border = "#000000";  
    childBorder = "#0c0c0c";  
    indicator = "#000000";  
    text = "#ffffff";  
}
```

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

[wayland.windowManager.sway.config.colors.unfocused](#)

A window which is not focused.

Type: submodule

Default:

```
{  
    background = "#222222";  
    border = "#333333";  
    childBorder = "#222222";  
    indicator = "#292d2e";  
    text = "#888888";  
}
```

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

[wayland.windowManager.sway.config.colors.urgent](#)

A window which has its urgency hint activated.

Type: submodule

Default:

```
{  
    background = "#900000";  
    border = "#2f343a";  
    childBorder = "#900000";  
    indicator = "#900000";  
    text = "#ffffff";  
}
```

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

[wayland.windowManager.sway.config.defaultWorkspace](#)

The default workspace to show when sway is launched. This must correspond to the value of the keybinding of the default workspace.

Type: null or string

Default: null

Example: "workspace number 9"

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

[wayland.windowManager.sway.config.down](#)

Home row direction key for moving down.

Type: string

Default: "j"

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

[wayland.windowManager.sway.config.floating](#)

Floating window settings.

Type: submodule

Default: { }

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

[wayland.windowManager.sway.config.floating.border](#)

Floating windows border width.

Type: signed integer

Default: 2

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

[wayland.windowManager.sway.config.floating.criteria](#)

List of criteria for windows that should be opened in a floating mode.

Type: list of attribute set of (string or boolean)

Default: []

Example:

```
[  
 {  
   title = "Steam - Update News";  
 }  
 {  
   class = "Pavucontrol";  
 }  
]
```

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

wayland.windowManager.sway.config.floating.modifier

Modifier key or keys that can be used to drag floating windows.

Type: string

Default: "sway.config.modifier"

Example: "Mod4"

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

wayland.windowManager.sway.config.floating.titlebar

Whether to show floating window titlebars.

Type: boolean

Default:

```
..  
  true for state version ≥ 23.05  
  false for state version < 23.05  
..
```

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

wayland.windowManager.sway.config.focus

Focus related settings.

Type: submodule

Default: { }

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

wayland.windowManager.sway.config.focus.followMouse

Whether focus should follow the mouse.

Type: one of “yes”, “no”, “always” or boolean

Default: "yes"

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

wayland.windowManager.sway.config.focus.forceWrapping

Whether to force focus wrapping in tabbed or stacked containers.

This option is deprecated, use `focus.wrapping` instead.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

wayland.windowManager.sway.config.focus.mouseWarping

Whether mouse cursor should be warped to the center of the window when switching focus to a window on a different output.

Type: boolean or one of “container”, “output”

Default: true

Declared by:

<home-manager/modules/services/window-managers/i3-sway/sway.nix>wayland.windowManager.sway.config.focus.newWindow

This option modifies focus behavior on new window activation.

See https://i3wm.org/docs/userguide.html#focus_on_window_activation

Type: one of "smart", "urgent", "focus", "none"

Default: "smart"

Example: "none"

Declared by:

<home-manager/modules/services/window-managers/i3-sway/sway.nix>wayland.windowManager.sway.config.focus.wrapping

Whether the window focus commands automatically wrap around the edge of containers.

See https://i3wm.org/docs/userguide.html#_focus_wrapping

Type: one of "yes", "no", "force", "workspace"

Default: "no"

Declared by:

<home-manager/modules/services/window-managers/i3-sway/sway.nix>wayland.windowManager.sway.config.fonts

Font configuration for window titles, nagbar...

Type: (list of string) or (submodule)

Default: { }

Example:

```
{  
    names = [ "DejaVu Sans Mono" "FontAwesome5Free" ];  
    style = "Bold Semi-Condensed";  
    size = 11.0;  
}
```

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

`wayland.windowManager.sway.config.gaps`

Gaps related settings.

Type: null or (submodule)

Default: null

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

`wayland.windowManager.sway.config.gaps.bottom`

Bottom gaps value.

Type: null or signed integer

Default: null

Example: 5

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

`wayland.windowManager.sway.config.gaps.horizontal`

Horizontal gaps value.

Type: null or signed integer

Default: null

Example: 5

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

`wayland.windowManager.sway.config.gaps.inner`

Inner gaps value.

Type: null or signed integer

Default: null

Example: 12

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

`wayland.windowManager.sway.config.gaps.left`

Left gaps value.

Type: null or signed integer

Default: null

Example: 5

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

`wayland.windowManager.sway.config.gaps.outer`

Outer gaps value.

Type: null or signed integer

Default: null

Example: 5

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

`wayland.windowManager.sway.config.gaps.right`

Right gaps value.

Type: null or signed integer

Default: null

Example: 5

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

`wayland.windowManager.sway.config.gaps.smartBorders`

This option controls whether to disable container borders on workspace with a single container.

Type: one of “on”, “off”, “no_gaps”

Default: “off”

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

[wayland.windowManager.sway.config.gaps.smartGaps](#)

This option controls whether to disable all gaps (outer and inner) on workspace with a single container.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

[wayland.windowManager.sway.config.gaps.top](#)

Top gaps value.

Type: null or signed integer

Default: null

Example: 5

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

[wayland.windowManager.sway.config.gaps.vertical](#)

Vertical gaps value.

Type: null or signed integer

Default: null

Example: 5

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

[wayland.windowManager.sway.config.input](#)

An attribute set that defines input modules. See `sway-input(5)` for options.

Type: attribute set of attribute set of string

Default: { }

Example:

```
{  
  "*" = {  
    xkb_variant = "dvorak";  
  };  
}
```

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

[wayland.windowManager.sway.config.keybindings](#)

An attribute set that assigns a key press to an action using a key symbol. See <https://i3wm.org/docs/userguide.html#keybindings>.

Consider to use `lib.mkOptionDefault` function to extend or override default keybindings instead of specifying all of them from scratch.

Type: attribute set of (null or string)

Default: "Default sway keybindings."

Example:

```
let  
  modifier = config.wayland.windowManager.sway.config.modifier;  
in lib.mkOptionDefault {  
  "${modifier}+Return" = "exec ${pkgs.foot}/bin/foot";  
  "${modifier}+Shift+q" = "kill";  
  "${modifier}+d" = "exec ${pkgs.dmenu}/bin/dmenu_path | ${pkgs.dmenu}/bin/dmenu"  
}
```

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

wayland.windowManager.sway.config.keyCodebindings

An attribute set that assigns keypress to an action using key code. See <https://i3wm.org/docs/userguide.html#keybindings>.

Type: attribute set of (null or string)

Default: { }

Example:

```
{  
  "214" = "exec /bin/script.sh";  
}
```

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

wayland.windowManager.sway.config.left

Home row direction key for moving left.

Type: string

Default: "h"

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

wayland.windowManager.sway.config.menu

Default launcher to use.

Type: string

Default: "\${pkgs.dmenu}/bin/dmenu_path | \${pkgs.dmenu}/bin/dmenu | \${pkgs.findutils}/bin/xargs swaymsg exec --"

Example: "bemenu-run"

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

[wayland.windowManager.sway.config.modes](#)

An attribute set that defines binding modes and keybindings inside them

Only basic keybinding is supported (bindsym keycomb action), for more advanced setup use 'sway.extraConfig'.

Type: attribute set of attribute set of string

Default:

```
{  
    resize = {  
        Down = "resize grow height 10 px";  
        Escape = "mode default";  
        Left = "resize shrink width 10 px";  
        Return = "mode default";  
        Right = "resize grow width 10 px";  
        Up = "resize shrink height 10 px";  
        h = "resize shrink width 10 px";  
        j = "resize grow height 10 px";  
        k = "resize shrink height 10 px";  
        l = "resize grow width 10 px";  
    };  
}
```

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

[wayland.windowManager.sway.config.modifier](#)

Modifier key that is used for all default keybindings.

Type: one of "Shift", "Control", "Mod1", "Mod2", "Mod3", "Mod4", "Mod5"

Default: "Mod1"

Example: "Mod4"

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

[wayland.windowManager.sway.config.output](#)

An attribute set that defines output modules. See `sway-output(5)` for options.

Type: attribute set of attribute set of string

Default: { }

Example:

```
{  
    HDMI-A-2 = {  
        bg = "~/path/to/background.png fill";  
    };  
}
```

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

wayland.windowManager.sway.config.right

Home row direction key for moving right.

Type: string

Default: "l"

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

wayland.windowManager.sway.config.seat

An attribute set that defines seat modules. See `sway-input(5)` for options.

Type: attribute set of attribute set of string

Default: { }

Example:

```
{  
  "*" = {  
    hide_cursor = "when-typing enable";  
  };  
}
```

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

`wayland.windowManager.sway.config.startup`

Commands that should be executed at startup.

See https://i3wm.org/docs/userguide.html#_automatically_starting_applications_on_i3_startup.

Type: list of (submodule)

Default: []

Example:

```
[  
{ command = "systemctl --user restart waybar"; always = true; }  
{ command = "dropbox start"; }  
{ command = "firefox"; }  
]
```

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

`wayland.windowManager.sway.config.startup.*.always`

Whether to run command on each sway restart.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

[wayland.windowManager.sway.config.startup.*.command](#)

Command that will be executed on startup.

Type: string

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

[wayland.windowManager.sway.config.terminal](#)

Default terminal to run.

Type: string

Default: "\\${pkgs.foot}/bin/foot"

Example: "alacritty"

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

[wayland.windowManager.sway.config.up](#)

Home row direction key for moving up.

Type: string

Default: "k"

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

[wayland.windowManager.sway.config.window](#)

Window titlebar and border settings.

Type: submodule

Default: { }

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

[wayland.windowManager.sway.config.window.border](#)

Window border width.

Type: signed integer

Default: 2

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

[wayland.windowManager.sway.config.window.commands](#)

List of commands that should be executed on specific windows. See `for_window swaywm` option documentation.

Type: list of (submodule)

Default: []

Example:

```
[  
 {  
   command = "border pixel 1";  
   criteria = {  
     class = "XTerm";  
   };  
 }  
]
```

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

[wayland.windowManager.sway.config.window.commands.*.command](#)

Swaywm command to execute.

Type: string

Example: "border pixel 1"

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

[wayland.windowManager.sway.config.window.commands.*.criteria](#)

Criteria of the windows on which command should be executed.

A value of `true` is equivalent to using an empty criteria (which is different from an empty string criteria).

Type: attribute set of (string or boolean)

Example:

```
{  
  title = "x200: ~/work";  
  floating = true;  
};
```

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

[wayland.windowManager.sway.config.window.hideEdgeBorders](#)

Hide window borders adjacent to the screen edges.

Type: one of “none”, “vertical”, “horizontal”, “both”, “smart”

Default: “none”

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

[wayland.windowManager.sway.config.window.titlebar](#)

Whether to show window titlebars.

Type: boolean

Default:

```
..  
  true for state version ≥ 23.05  
  false for state version < 23.05  
..
```

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)[`wayland.windowManager.sway.config.workspaceAutoBackAndForth`](#)

Assume you are on workspace “1: www” and switch to “2: IM” using mod+2 because somebody sent you a message. You don’t need to remember where you came from now, you can just press \$mod+2 again to switch back to “1: www”.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)[`wayland.windowManager.sway.config.workspaceLayout`](#)

The mode in which new containers on workspace level will start.

Type: one of “default”, “stacking”, “tabbed”

Default: "default"

Example: "tabbed"

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)[`wayland.windowManager.sway.config.workspaceOutputAssign`](#)

Assign workspaces to outputs.

Type: list of (submodule)

Default: []

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)[`wayland.windowManager.sway.config.workspaceOutputAssign.*.output`](#)

Name(s) of the output(s) from `swaymsg -t get_outputs`.

Type: string or list of string

Default: " "

Example: "eDP"

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

`wayland.windowManager.sway.config.workspaceOutputAssign.*.workspace`

Name of the workspace to assign.

Type: string

Default: ""

Example: "Web"

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

`wayland.windowManager.sway.extraConfig`

Extra configuration lines to add to `~/.config/sway/config`.

Type: strings concatenated with "\n"

Default: ""

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

`wayland.windowManager.sway.extraConfigEarly`

Like `extraConfig`, except lines are added to `~/.config/sway/config` before all other configuration.

Type: strings concatenated with "\n"

Default: ""

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

`wayland.windowManager.sway.extraOptions`

Command line arguments passed to launch Sway. Please DO NOT report issues if you use an unsupported GPU (proprietary drivers).

Type: list of string

Default: []

Example:

```
[  
  "--verbose"  
  "--debug"  
  "--unsupported-gpu"  
  "--my-next-gpu-wont-be-nvidia"  
]
```

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

`wayland.windowManager.sway.extraSessionCommands`

Shell commands executed just before Sway is started.

Type: strings concatenated with “\n”

Default: “ ”

Example:

```
''''''  
  
  export SDL_VIDEODRIVER=wayland  
  # needs qt5.qtwayland in systemPackages  
  export QT_QPA_PLATFORM=wayland  
  export QT_WAYLAND_DISABLE_WINDOWDECORATION="1"  
  # Fix for some Java AWT applications (e.g. Android Studio),  
  # use this if they aren't displayed properly:  
  export _JAVA_AWT_WM_NONREPARENTING=1  
''''''
```

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)

`wayland.windowManager.swaynag.enable`

Whether to enable configuration of swaynag, a lightweight error bar for sway.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/swaynag.nix>`](#)

`wayland.windowManager.sway.swaynag.settings`

Configuration written to `$XDG_CONFIG_HOME/swaynag/config`.

See `swaynag(5)` for a list of available options and an example configuration. Note, configurations declared under `<config>` will override the default type values of `swaynag`.

Type: attribute set of attribute set of (`Swaynag config atom (null, bool, int, float, str)`)

Default: { }

Example:

```
{  
  "<config>" = {  
    edge = "bottom";  
    font = "Dina 12";  
  };  
  
  green = {  
    edge = "top";  
    background = "00AA00";  
    text = "FFFFFF";  
    button-background = "00CC00";  
    message-padding = 10;  
  };  
}
```

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/swaynag.nix>`](#)

`wayland.windowManager.sway.systemd.enable`

Whether to enable `sway-session.target` on sway startup. This links to `graphical-session.target`. Some important environment variables will be imported to `systemd` and `dbus`

user environment before reaching the target, including

- DISPLAY
- WAYLAND_DISPLAY
- SWAYSOCK
- XDG_CURRENT_DESKTOP

Type: boolean

Default: true

Example: false

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

wayland.windowManager.sway.systemd.xdgAutostart

Whether to enable autostart of applications using `systemd-xdg-autostart-generator(8)`.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/sway.nix>](#)

wayland.windowManager.sway.wrapperFeatures

Attribute set of features to enable in the wrapper.

Type: submodule

Default: { }

Example:

```
{  
    gtk = true;  
}
```

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)[`wayland.windowManager.sway.wrapperFeatures.base`](#)

Whether to make use of the base wrapper to execute extra session commands and prepend a dbus-run-session to the sway command.

Type: boolean

Default: true

Example: false

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)[`wayland.windowManager.sway.wrapperFeatures.gtk`](#)

Whether to make use of the wrapGAppsHook wrapper to execute sway with required environment variables for GTK applications.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)[`wayland.windowManager.sway.xwayland`](#)

Enable xwayland, which is needed for the default configuration of sway.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/sway.nix>`](#)[`xdg.enable`](#)

Whether to enable management of XDG base directories.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/misc/xdg.nix>`](#)

`xdg.cacheHome`

Absolute path to directory holding application caches.

Type: path

Default: `"~/ .cache"`

Declared by:

[`<home-manager/modules/misc/xdg.nix>`](#)

`xdg.configFile`

Attribute set of files to link into the user's XDG configuration home.

Type: attribute set of (submodule)

Default: `{ }`

Declared by:

[`<home-manager/modules/misc/xdg.nix>`](#)

`xdg.configFile.<name>.enable`

Whether this file should be generated. This option allows specific files to be disabled.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/misc/xdg.nix>`](#)

`xdg.configFile.<name>.executable`

Set the execute bit. If null, defaults to the mode of the source file or to false for files created through the text option.

Type: null or boolean

Default: null

Declared by:

[`<home-manager/modules/misc/xdg.nix>`](#)[`xdg.configFile.<name>.onChange`](#)

Shell commands to run when file has changed between generations. The script will be run *after* the new files have been linked into place.

Note, this code is always run when recursive is enabled.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[`<home-manager/modules/misc/xdg.nix>`](#)[`xdg.configFile.<name>.recursive`](#)

If the file source is a directory, then this option determines whether the directory should be recursively linked to the target location. This option has no effect if the source is a file.

If false (the default) then the target will be a symbolic link to the source directory. If true then the target will be a directory structure matching the source’s but whose leafs are symbolic links to the files of the source directory.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/misc/xdg.nix>`](#)[`xdg.configFile.<name>.source`](#)

Path of the source file or directory. If `xdg.configFile.<name>.text` is non-null then this option will automatically point to a file containing that text.

Type: path

Declared by:

[`<home-manager/modules/misc/xdg.nix>`](#)[`xdg.configFile.<name>.target`](#)

Path to target file relative to `xdg.configHome`.

Type: string

Default: name

Declared by:

[<home-manager/modules/misc/xdg.nix>](#)

xdg.configFile.<name>.text

Text of the file. If this option is null then [xdg.configFile.<name>.source](#) must be set.

Type: null or strings concatenated with “\n”

Default: null

Declared by:

[<home-manager/modules/misc/xdg.nix>](#)

xdg.configHome

Absolute path to directory holding application configurations.

Type: path

Default: "~/.config"

Declared by:

[<home-manager/modules/misc/xdg.nix>](#)

xdg.dataFile

Attribute set of files to link into the user’s XDG data home.

Type: attribute set of (submodule)

Default: { }

Declared by:

[<home-manager/modules/misc/xdg.nix>](#)

xdg.dataFile.<name>.enable

Whether this file should be generated. This option allows specific files to be disabled.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/misc/xdg.nix>`](#)[`xdg.dataFile.<name>.executable`](#)

Set the execute bit. If null, defaults to the mode of the source file or to false for files created through the `text` option.

Type: null or boolean

Default: null

Declared by:

[`<home-manager/modules/misc/xdg.nix>`](#)[`xdg.dataFile.<name>.onChange`](#)

Shell commands to run when file has changed between generations. The script will be run *after* the new files have been linked into place.

Note, this code is always run when recursive is enabled.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[`<home-manager/modules/misc/xdg.nix>`](#)[`xdg.dataFile.<name>.recursive`](#)

If the file source is a directory, then this option determines whether the directory should be recursively linked to the target location. This option has no effect if the source is a file.

If false (the default) then the target will be a symbolic link to the source directory. If true then the target will be a directory structure matching the source’s but whose leafs are symbolic links to the files of the source directory.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/misc/xdg.nix>`](#)[`xdg.dataFile.<name>.source`](#)

Path of the source file or directory. If `xdg.dataFile.<name>.text` is non-null then this option will automatically point to a file containing that text.

Type: path

Declared by:

[`<home-manager/modules/misc/xdg.nix>`](#)

`xdg.dataFile.<name>.target`

Path to target file relative to `<varname>xdg.dataHome</varname>`.

Type: string

Default: name

Declared by:

[`<home-manager/modules/misc/xdg.nix>`](#)

`xdg.dataFile.<name>.text`

Text of the file. If this option is null then `xdg.dataFile.<name>.source` must be set.

Type: null or strings concatenated with “\n”

Default: null

Declared by:

[`<home-manager/modules/misc/xdg.nix>`](#)

`xdg.dataHome`

Absolute path to directory holding application data.

Type: path

Default: “`~/.local/share`”

Declared by:

[`<home-manager/modules/misc/xdg.nix>`](#)

`xdg.desktopEntries`

Desktop Entries allow applications to be shown in your desktop environment’s app launcher.

You can define entries for programs without entries or override existing entries.

See <https://specifications.freedesktop.org/desktop-entry-spec/desktop-entry-spec-latest.html#recognized-keys> for more information on options.

Type: attribute set of (submodule)

Default: { }

Example:

```
{  
  firefox = {  
    name = "Firefox";  
    genericName = "Web Browser";  
    exec = "firefox %U";  
    terminal = false;  
    categories = [ "Application" "Network" "WebBrowser" ];  
    mimeType = [ "text/html" "text/xml" ];  
  };  
}
```

Declared by:

[<home-manager/modules/misc/xdg-desktop-entries.nix>](#)

xdg.desktopEntries.<name>.actions

The set of actions made available to application launchers.

Type: attribute set of (submodule)

Default: { }

Example:

```
{  
  "New Window" = {  
    exec = "${pkgs.firefox}/bin/firefox --new-window %u";  
  };  
}
```

Declared by:

[<home-manager/modules/misc/xdg-desktop-entries.nix>](#)

xdg.desktopEntries.<name>.actions.<name>.exec

Program to execute, possibly with arguments.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/misc/xdg-desktop-entries.nix>`](#)

`xdg.desktopEntries.<name>.actions.<name>.icon`

Icon to display in file manager, menus, etc.

Type: null or string or path

Default: null

Declared by:

[`<home-manager/modules/misc/xdg-desktop-entries.nix>`](#)

`xdg.desktopEntries.<name>.actions.<name>.name`

Name of the action.

Type: string

Default: <name>

Declared by:

[`<home-manager/modules/misc/xdg-desktop-entries.nix>`](#)

`xdg.desktopEntries.<name>.categories`

Categories in which the entry should be shown in a menu.

Type: null or (list of string)

Default: null

Declared by:

[`<home-manager/modules/misc/xdg-desktop-entries.nix>`](#)

`xdg.desktopEntries.<name>.comment`

Tooltip for the entry.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/misc/xdg-desktop-entries.nix>`](#)

`xdg.desktopEntries.<name>.exec`

Program to execute, possibly with arguments.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/misc/xdg-desktop-entries.nix>`](#)

`xdg.desktopEntries.<name>.genericName`

Generic name of the application.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/misc/xdg-desktop-entries.nix>`](#)

`xdg.desktopEntries.<name>.icon`

Icon to display in file manager, menus, etc.

Type: null or string or path

Default: null

Declared by:

[`<home-manager/modules/misc/xdg-desktop-entries.nix>`](#)

`xdg.desktopEntries.<name>.mimeType`

The MIME type(s) supported by this application.

Type: null or (list of string)

Default: null

Declared by:

[`<home-manager/modules/misc/xdg-desktop-entries.nix>`](#)[`xdg.desktopEntries.<name>.name`](#)

Specific name of the application.

Type: string

Declared by:

[`<home-manager/modules/misc/xdg-desktop-entries.nix>`](#)[`xdg.desktopEntries.<name>.noDisplay`](#)

Means “this application exists, but don’t display it in the menus”. This can be useful to e.g. associate this application with MIME types.

Type: null or boolean

Default: null

Declared by:

[`<home-manager/modules/misc/xdg-desktop-entries.nix>`](#)[`xdg.desktopEntries.<name>.prefersNonDefaultGPU`](#)

If true, the application prefers to be run on a more powerful discrete GPU if available.

Type: null or boolean

Default: null

Declared by:

[`<home-manager/modules/misc/xdg-desktop-entries.nix>`](#)[`xdg.desktopEntries.<name>.settings`](#)

Extra key-value pairs to add to the [Desktop Entry] section. This may override other values.

Type: attribute set of string

Default: { }

Example:

```
{  
  Keywords = "calc;math";
```

```
    DBusActivatable = "false";
}
```

Declared by:

[`<home-manager/modules/misc/xdg-desktop-entries.nix>`](#)

`xdg.desktopEntries.<name>.startupNotify`

If true, it is KNOWN that the application will send a “remove” message when started with the DESKTOP_STARTUP_ID environment variable set. If false, it is KNOWN that the application does not work with startup notification at all.

Type: null or boolean

Default: null

Declared by:

[`<home-manager/modules/misc/xdg-desktop-entries.nix>`](#)

`xdg.desktopEntries.<name>.terminal`

Whether the program runs in a terminal window.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/misc/xdg-desktop-entries.nix>`](#)

`xdg.desktopEntries.<name>.type`

The type of the desktop entry.

Type: one of “Application”, “Link”, “Directory”

Default: “Application”

Declared by:

[`<home-manager/modules/misc/xdg-desktop-entries.nix>`](#)

`xdg.mime.enable`

Whether to install programs and files to support the XDG Shared MIME-info specification and XDG

MIME Applications specification at <https://specifications.freedesktop.org/shared-mime-info-spec/shared-mime-info-spec-latest.html> and <https://specifications.freedesktop.org/mime-apps-spec/mime-apps-spec-latest.html>, respectively.

Type: boolean

Default: true if host platform is Linux, false otherwise

Declared by:

[<home-manager/modules/misc/xdg-mime.nix>](#)

xdg.mimeApps.enable

Whether to manage \$XDG_CONFIG_HOME/mimeapps.list.

The generated file is read-only.

Type: boolean

Default: false

Declared by:

[<home-manager/modules/misc/xdg-mime-apps.nix>](#)

xdg.mimeApps.associations.added

Defines additional associations of applications with mimetypes, as if the .desktop file was listing this mimetype in the first place.

Type: attribute set of ((list of string) or ((list of string) or string) convertible to it)

Default: { }

Example:

```
{  
  "mimetype1" = [ "foo1.desktop" "foo2.desktop" "foo3.desktop" ];  
  "mimetype2" = "foo4.desktop";  
}
```

Declared by:

[<home-manager/modules/misc/xdg-mime-apps.nix>](#)

xdg.mimeApps.associations.removed

Removes associations of applications with mimetypes, as if the .desktop file was *not* listing this mimetype in the first place.

Type: attribute set of ((list of string) or ((list of string) or string) convertible to it)

Default: { }

Example:

```
{  
  mimetype1 = "foo5.desktop";  
}
```

Declared by:

[<home-manager/modules/misc/xdg-mime-apps.nix>](#)

xdg.mimeApps.defaultApplications

The default application to be used for a given mimetype. This is, for instance, the one that will be started when double-clicking on a file in a file manager. If the application is no longer installed, the next application in the list is attempted, and so on.

Type: attribute set of ((list of string) or ((list of string) or string) convertible to it)

Default: { }

Example:

```
{  
  "mimetype1" = [ "default1.desktop" "default2.desktop" ];  
}
```

Declared by:

[<home-manager/modules/misc/xdg-mime-apps.nix>](#)

xdg.portal.enable

Whether to enable XDG desktop integration.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/misc/xdg-portal.nix>](#)

xdg.portal.config

Sets which portal backend should be used to provide the implementation for the requested interface. For details check `portals.conf(5)`.

These will be written with the name `$desktop-portals.conf` for `xdg.portal.config.$desktop` and `portals.conf` for `xdg.portal.config.common` as an exception.

These, together with `xdg.portal.configPackages`, will be joined into a directory and passed to `xdg-desktop-portal.service` through a `NIXOS_XDG_DESKTOP_PORTAL_CONFIG_DIR` variable.

Type: attribute set of attribute set of (string or ((list of string) or string) convertible to it)

Default: { }

Example:

```
{  
    common = {  
        default = [  
            "gtk"  
        ];  
    };  
    pantheon = {  
        default = [  
            "pantheon"  
            "gtk"  
        ];  
        "org.freedesktop.impl.portal.Secret" = [  
            "gnome-keyring"  
        ];  
    };  
    x-cinnamon = {  
        default = [  
            "xapp"  
            "gtk"  
        ];  
    };  
}
```

```
];
};

}
```

Declared by:

[<home-manager/modules/misc/xdg-portal.nix>](#)

xdg.portal.configPackages

List of packages that provide XDG desktop portal configuration, usually in the form of share/xdg-desktop-portal/\$desktop-portals.conf.

Note that configs in xdg.portal.config will be preferred if set.

Type: list of package

Default: []

Example: [pkgs.gnome.gnome-session]

Declared by:

[<home-manager/modules/misc/xdg-portal.nix>](#)

xdg.portal.extraPortals

List of additional portals that should be passed to the xdg-desktop-portal.service, via the XDG_DESKTOP_PORTAL_DIR variable.

Portals allow interaction with system, like choosing files or taking screenshots. At minimum, a desktop portal implementation should be listed.

Type: list of package

Default: []

Declared by:

[<home-manager/modules/misc/xdg-portal.nix>](#)

xdg.portal.xdgOpenUsePortal

Sets environment variable NIXOS_XDG_OPEN_USE_PORTAL to 1 This will make xdg-open use the portal to open programs, which resolves bugs involving programs opening inside FHS envs or with unexpected env vars set from wrappers. See [#160923](#) for more info.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/misc/xdg-portal.nix>`](#)

`xdg.stateHome`

Absolute path to directory holding application states.

Type: path

Default: `"~/ .local/state"`

Declared by:

[`<home-manager/modules/misc/xdg.nix>`](#)

`xdg.systemDirs.config`

Directory names to add to XDG_CONFIG_DIRS in the user session.

Type: list of string

Default: `[]`

Example: `["/etc/xdg"]`

Declared by:

[`<home-manager/modules/misc/xdg-system-dirs.nix>`](#)

`xdg.systemDirs.data`

Directory names to add to XDG_DATA_DIRS in the user session.

Type: list of string

Default: `[]`

Example: `["/usr/share" "/usr/local/share"]`

Declared by:

[`<home-manager/modules/misc/xdg-system-dirs.nix>`](#)

`xdg.userDirs.enable`

Whether to manage \$XDG_CONFIG_HOME/user-dirs.dirs.

The generated file is read-only.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/misc/xdg-user-dirs.nix>`](#)

`xdg.userDirs.createDirectories`

Whether to enable automatic creation of the XDG user directories.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/misc/xdg-user-dirs.nix>`](#)

`xdg.userDirs.desktop`

The Desktop directory.

Type: null or (string or path convertible to it)

Default: "\${config.home.homeDirectory}/Desktop"

Declared by:

[`<home-manager/modules/misc/xdg-user-dirs.nix>`](#)

`xdg.userDirs.documents`

The Documents directory.

Type: null or (string or path convertible to it)

Default: "\${config.home.homeDirectory}/Documents"

Declared by:

[`<home-manager/modules/misc/xdg-user-dirs.nix>`](#)

`xdg.userDirs.download`

The Downloads directory.

Type: null or (string or path convertible to it)

Default: "\${config.home.homeDirectory}/Downloads"

Declared by:

[<home-manager/modules/misc/xdg-user-dirs.nix>](#)

xdg.userDirs.extraConfig

Other user directories.

Type: attribute set of (string or path convertible to it)

Default: {}

Example:

```
{  
  XDG_MISC_DIR = "${config.home.homeDirectory}/Misc";  
}
```

Declared by:

[<home-manager/modules/misc/xdg-user-dirs.nix>](#)

xdg.userDirs.music

The Music directory.

Type: null or (string or path convertible to it)

Default: "\${config.home.homeDirectory}/Music"

Declared by:

[<home-manager/modules/misc/xdg-user-dirs.nix>](#)

xdg.userDirs.pictures

The Pictures directory.

Type: null or (string or path convertible to it)

Default: "\${config.home.homeDirectory}/Pictures"

Declared by:

[<home-manager/modules/misc/xdg-user-dirs.nix>](#)

[xdg.userDirs.publicShare](#)

The Public share directory.

Type: null or (string or path convertible to it)

Default: "\${config.home.homeDirectory}/Public"

Declared by:

[`<home-manager/modules/misc/xdg-user-dirs.nix>`](#)

[xdg.userDirs.templates](#)

The Templates directory.

Type: null or (string or path convertible to it)

Default: "\${config.home.homeDirectory}/Templates"

Declared by:

[`<home-manager/modules/misc/xdg-user-dirs.nix>`](#)

[xdg.userDirs.videos](#)

The Videos directory.

Type: null or (string or path convertible to it)

Default: "\${config.home.homeDirectory}/Videos"

Declared by:

[`<home-manager/modules/misc/xdg-user-dirs.nix>`](#)

[xfconf.settings](#)

Settings to write to the Xfconf configuration system.

Type: xfconf settings

Default: {}

Example:

```
{  
    xfce4-session = {  
        "startup/ssh-agent/enabled" = false;  
        "general/LockCommand" = "${pkgs.lightdm}/bin/dm-tool lock";  
    };  
}
```

```
};

xfce4-desktop = {
  "backdrop/screen0/monitorLVDS-1/workspace0/last-image" =
    "${pkgs.nixos-artwork.wallpapers.stripes-logo.gnomeFilePath}";
};

}
```

Declared by:

[<home-manager/modules/misc/xfconf.nix>](#)

xresources.extraConfig

Additional X server resources contents. If this and all other xresources options are null, then this feature is disabled and no `~/.Xresources` link is produced.

Type: strings concatenated with “\n”

Default: “ ”

Example:

```
builtins.readFile (
  pkgs.fetchFromGitHub {
    owner = "solarized";
    repo = "xresources";
    rev = "025ceddbddf55f2eb4ab40b05889148aab9699fc";
    sha256 = "0lxv37gmh38y9d3l8nbnsmlmskcv10g3i83j0kac0a2qmypv1k9f";
  } + "/Xresources.dark"
)
```

Declared by:

[<home-manager/modules/xresources.nix>](#)

xresources.path

Path where Home Manager should link the `.Xresources` file.

Type: string

Default: `"$HOME/.Xresources"`

Declared by:

[`<home-manager/modules/xresources.nix>`](#)

[xresources.properties](#)

X server resources that should be set. Booleans are formatted as “true” or “false” respectively. List elements are recursively formatted as a string and joined by commas. All other values are directly formatted using `builtins.toString`. Note, that 2-dimensional lists are not supported and specifying one will throw an exception. If this and all other `xresources` options are `null`, then this feature is disabled and no `~/ .Xresources` link is produced.

Type: `null` or (attribute set of (boolean or signed integer or string or list of (boolean or signed integer or string)))

Default: `null`

Example:

```
{  
    "Emacs*toolBar" = 0;  
    "XTerm*faceName" = "dejavu sans mono";  
    "XTerm*charClass" = [ "37:48" "45-47:48" "58:48" "64:48" "126:48" ];  
}
```

Declared by:

[`<home-manager/modules/xresources.nix>`](#)

[xsession.enable](#)

Whether to enable X Session.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/xsession.nix>`](#)

[xsession.initExtra](#)

Extra shell commands to run during initialization.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[<home-manager/modules/xsession.nix>](#)

xsession.numlock.enable

Whether to enable Num Lock.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/misc/numlock.nix>](#)

xsession.pointerCursor.package

Alias of home.pointerCursor.package.

Type: submodule

Declared by:

[<home-manager/modules/config/home-cursor.nix>](#)

xsession.pointerCursor.defaultCursor

Alias of home.pointerCursor.x11.defaultCursor.

Type: submodule

Declared by:

[<home-manager/modules/config/home-cursor.nix>](#)

xsession.pointerCursor.name

Alias of home.pointerCursor.name.

Type: submodule

Declared by:

[<home-manager/modules/config/home-cursor.nix>](#)

xsession.pointerCursor.size

Alias of `home.pointerCursor.size`.

Type: submodule

Declared by:

[`<home-manager/modules/config/home-cursor.nix>`](#)

xsession.preferStatusNotifierItems

Whether tray applets should prefer using the Status Notifier Items (SNI) protocol, commonly called App Indicators. Note, not all tray applets or status bars support SNI.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/xsession.nix>`](#)

xsession.profileExtra

Extra shell commands to run before session start.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[`<home-manager/modules/xsession.nix>`](#)

xsession.profilePath

Path, relative to HOME, where Home Manager should write the X profile script.

Type: string

Default: ".xprofile"

Example: ".xprofile-hm"

Declared by:

[`<home-manager/modules/xsession.nix>`](#)

xsession.scriptPath

Path, relative to HOME, where Home Manager should write the X session script.

Type: string

Default: ".xsession"

Example: ".xsession-hm"

Declared by:

[<home-manager/modules/xsession.nix>](#)

xsession.windowManager.awesome.enable

Whether to enable Awesome window manager.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/window-managers/awesome.nix>](#)

xsession.windowManager.awesome.package

Package to use for running the Awesome WM.

Type: package

Default: pkgs.awesome

Declared by:

[<home-manager/modules/services/window-managers/awesome.nix>](#)

xsession.windowManager.awesome.luaModules

List of lua packages available for being used in the Awesome configuration.

Type: list of package

Default: []

Example: [pkgs.luaPackages.vicious]

Declared by:

[<home-manager/modules/services/window-managers/awesome.nix>](#)

[xsession.windowManager.awesome.noArgb](#)

Disable client transparency support, which can be greatly detrimental to performance in some setups

Type: boolean

Default: false

Declared by:

[<home-manager/modules/services/window-managers/awesome.nix>](#)

[xsession.windowManager.bspwm.enable](#)

Whether to enable bspwm window manager.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/window-managers/bspwm/default.nix>](#)

[xsession.windowManager.bspwm.package](#)

The bspwm package to use.

Type: package

Default: pkgs.bspwm

Example: pkgs.bspwm-unstable

Declared by:

[<home-manager/modules/services/window-managers/bspwm/default.nix>](#)

[xsession.windowManager.bspwm.alwaysResetDesktops](#)

If set to true, desktops configured in monitors will be reset every time the config is run.

If set to false, desktops will only be configured the first time the config is run. This is useful if you want to dynamically add desktops and you don't want them to be destroyed if you re-run bspwmrc.

Type: boolean

Default: true

Declared by:

[<home-manager/modules/services/window-managers/bspwm/default.nix>](#)

xsession.windowManager.bspwm.extraConfig

Additional shell commands to be run at the end of the config file.

Type: strings concatenated with “\n”

Default: “ ”

Example:

```
'''
```

```
    bspc subscribe all > ~/bspc-report.log &
```

```
'''
```

Declared by:

[<home-manager/modules/services/window-managers/bspwm/default.nix>](#)

xsession.windowManager.bspwm.extraConfigEarly

Like extraConfig, except commands are run at the start of the config file.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[<home-manager/modules/services/window-managers/bspwm/default.nix>](#)

xsession.windowManager.bspwm.monitors

Specifies the names of desktops to create on each monitor.

Type: attribute set of list of string

Default: { }

Example:

```
{  
    HDMI-0 = [
```

```
    "web"
    "terminal"
    "III"
    "IV"
];
}
```

Declared by:

[`<home-manager/modules/services/window-managers/bspwm/default.nix>`](#)

`xsession.windowManager.bspwm.rules`

Rule configuration. The keys of the attribute set are the targets of the rules.

Type: attribute set of (attribute set of (boolean or signed integer or floating point number or string))

Default: { }

Example:

```
{
  "Gimp" = {
    desktop = "^8";
    state = "floating";
    follow = true;
  };
  "Kupfer.py" = {
    focus = true;
  };
  "Screenkey" = {
    manage = false;
  };
}
```

Declared by:

[`<home-manager/modules/services/window-managers/bspwm/default.nix>`](#)

`xsession.windowManager.bspwm.rules.<name>.border`

Whether the node should have border.

Type: null or boolean

Default: null

Example: true

Declared by:

[`<home-manager/modules/services/window-managers/bspwm/default.nix>`](#)

`xsession.windowManager.bspwm.rules.<name>.center`

Whether the node will be put in the center, in floating mode.

Type: null or boolean

Default: null

Example: true

Declared by:

[`<home-manager/modules/services/window-managers/bspwm/default.nix>`](#)

`xsession.windowManager.bspwm.rules.<name>.desktop`

The desktop where the rule should be applied.

Type: null or string

Default: null

Example: "^\d{8}"

Declared by:

[`<home-manager/modules/services/window-managers/bspwm/default.nix>`](#)

`xsession.windowManager.bspwm.rules.<name>.focus`

Whether the node should gain focus on creation.

Type: null or boolean

Default: null

Example: true

Declared by:

[`<home-manager/modules/services/window-managers/bspwm/default.nix>`](#)

`xsession.windowManager.bspwm.rules.<name>.follow`

Whether focus should follow the node when it is moved.

Type: null or boolean

Default: null

Example: true

Declared by:

[<home-manager/modules/services/window-managers/bspwm/default.nix>](#)

`xsession.windowManager.bspwm.rules.<name>.hidden`

Whether the node should occupy any space.

Type: null or boolean

Default: null

Example: true

Declared by:

[<home-manager/modules/services/window-managers/bspwm/default.nix>](#)

`xsession.windowManager.bspwm.rules.<name>.layer`

The layer where a new window should spawn.

Type: null or one of “below”, “normal”, “above”

Default: null

Example: "above"

Declared by:

[<home-manager/modules/services/window-managers/bspwm/default.nix>](#)

`xsession.windowManager.bspwm.rules.<name>.locked`

Whether the node should ignore **node --close** messages.

Type: null or boolean

Default: null

Example: true

Declared by:

[`<home-manager/modules/services/window-managers/bspwm/default.nix>`](#)

`xsession.windowManager.bspwm.rules.<name>.manage`

Whether the window should be managed by bspwm. If false, the window will be ignored by bspwm entirely. This is useful for overlay apps, e.g. screenshot tools.

Type: null or boolean

Default: null

Example: true

Declared by:

[`<home-manager/modules/services/window-managers/bspwm/default.nix>`](#)

`xsession.windowManager.bspwm.rules.<name>.marked`

Whether the node will be marked for deferred actions.

Type: null or boolean

Default: null

Example: true

Declared by:

[`<home-manager/modules/services/window-managers/bspwm/default.nix>`](#)

`xsession.windowManager.bspwm.rules.<name>.monitor`

The monitor where the rule should be applied.

Type: null or string

Default: null

Example: "HDMI - 0"

Declared by:

[`<home-manager/modules/services/window-managers/bspwm/default.nix>`](#)

`xsession.windowManager.bspwm.rules.<name>.node`

The node where the rule should be applied.

Type: null or string

Default: null

Example: "1"

Declared by:

[`<home-manager/modules/services/window-managers/bspwm/default.nix>`](#)

`xsession.windowManager.bspwm.rules.<name>.private`

The node should stay in the same tiling position and size.

Type: null or boolean

Default: null

Example: true

Declared by:

[`<home-manager/modules/services/window-managers/bspwm/default.nix>`](#)

`xsession.windowManager.bspwm.rules.<name>.rectangle`

The node's geometry, in the format WxH+X+Y.

Type: null or string

Default: null

Example: "800x600+32+32"

Declared by:

[`<home-manager/modules/services/window-managers/bspwm/default.nix>`](#)

`xsession.windowManager.bspwm.rules.<name>.splitDir`

The direction where the container is going to be split.

Type: null or one of "north", "west", "south", "east"

Default: null

Example: "south"

Declared by:

[`<home-manager/modules/services/window-managers/bspwm/default.nix>`](#)

`xsession.windowManager.bspwm.rules.<name>.splitRatio`

The ratio between the new window and the previous existing window in the desktop.

Type: null or floating point number

Default: null

Example: 0.65

Declared by:

[`<home-manager/modules/services/window-managers/bspwm/default.nix>`](#)

`xsession.windowManager.bspwm.rules.<name>.state`

The state in which a new window should spawn.

Type: null or one of “tiled”, “pseudo_tiled”, “floating”, “fullscreen”

Default: null

Example: "floating"

Declared by:

[`<home-manager/modules/services/window-managers/bspwm/default.nix>`](#)

`xsession.windowManager.bspwm.rules.<name>.sticky`

Whether the node should stay on the focused desktop.

Type: null or boolean

Default: null

Example: true

Declared by:

[`<home-manager/modules/services/window-managers/bspwm/default.nix>`](#)

`xsession.windowManager.bspwm.settings`

General settings given to bspc config.

Type: attribute set of (boolean or signed integer or floating point number or string or list of (boolean or signed integer or floating point number or string))

Default: { }

Example:

```
{  
    border_width = 2;  
    gapless_monocle = true;  
    split_ratio = 0.52;  
}
```

Declared by:

[`<home-manager/modules/services/window-managers/bspwm/default.nix>`](#)

`xsession.windowManager.bspwm.startupPrograms`

Programs to be executed during startup.

Type: list of string

Default: []

Example:

```
[  
    "numlockx on"  
    "tilda"  
]
```

Declared by:

[`<home-manager/modules/services/window-managers/bspwm/default.nix>`](#)

`xsession.windowManager.command`

Command to use to start the window manager.

The default value allows integration with NixOS' generated xserver configuration.

Extra actions and commands can be specified in `xsession.initExtra`.

Type: string

Default: "test -n \"\$1\" && eval \"\$@\""

Example:

```
let
  xmonad = pkgs.xmonad-with-packages.override {
    packages = self: [ self.xmonad-contrib self.taffybar ];
  };
in
"${xmonad}/bin/xmonad";
```

Declared by:

[<home-manager/modules/xsession.nix>](#)

xsession.windowManager.fluxbox.enable

Whether to enable Fluxbox window manager.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/modules/services/window-managers/fluxbox.nix>](#)

xsession.windowManager.fluxbox.package

The fluxbox package to use.

Type: package

Default: pkgs.fluxbox

Declared by:

[<home-manager/modules/services/window-managers/fluxbox.nix>](#)

xsession.windowManager.fluxbox.apps

Apps configuration for Fluxbox, written to ~/.fluxbox/apps. Look at the fluxbox(1) manpage for details.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[`<home-manager/modules/services/window-managers/fluxbox.nix>`](#)[`xsession.windowManager.fluxbox.extraCommandLineArgs`](#)

Extra command line arguments to pass to **fluxbox**. Look at the fluxbox(1) manpage for details.

Type: list of string

Default: []

Example:

```
[  
  "-log"  
  "/tmp/fluxbox.log"  
]
```

Declared by:

[`<home-manager/modules/services/window-managers/fluxbox.nix>`](#)[`xsession.windowManager.fluxbox.init`](#)

Init configuration for Fluxbox, written to `~/.fluxbox/init`. Look at the fluxbox(1) manpage for details.

Type: strings concatenated with “\n”

Default: ""

Declared by:

[`<home-manager/modules/services/window-managers/fluxbox.nix>`](#)[`xsession.windowManager.fluxbox.keys`](#)

Keyboard shortcuts configuration for Fluxbox, written to `~/.fluxbox/keys`. Look at the fluxbox-keys(1) manpage for details.

Type: strings concatenated with “\n”

Default: ""

Declared by:

[`<home-manager/modules/services/window-managers/fluxbox.nix>`](#)

xsession.windowManager.fluxbox.menu

Menu configuration for Fluxbox, written to `~/.fluxbox/menu`. Look at the `fluxbox-menu(1)` manpage for details.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[<home-manager/modules/services/window-managers/fluxbox.nix>](#)

xsession.windowManager.fluxbox.slitlist

Slitlist configuration for Fluxbox, written to `~/.fluxbox/slitlist`. Look at the `fluxbox(1)` manpage for details.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[<home-manager/modules/services/window-managers/fluxbox.nix>](#)

xsession.windowManager.fluxbox.windowmenu

Window menu configuration for Fluxbox, written to `~/.fluxbox/windowmenu`. Look at the `fluxbox-menu(1)` manpage for details.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[<home-manager/modules/services/window-managers/fluxbox.nix>](#)

xsession.windowManager.herbstluftwm.enable

Whether to enable herbstluftwm window manager.

Type: boolean

Default: false

Example: true

Declared by:

<home-manager/modules/services/window-managers/herbstluftwm.nix>xsession.windowManager.herbstluftwm.package

Package providing the **herbstluftwm** and **herbstclient** commands.

Type: package

Default: pkgs.herbstluftwm

Declared by:

<home-manager/modules/services/window-managers/herbstluftwm.nix>xsession.windowManager.herbstluftwm.extraConfig

Extra configuration lines to add verbatim to \$XDG_CONFIG_HOME/herbstluftwm/autostart.

Type: strings concatenated with “\n”

Default: “ ”

Example:

```
herbstclient set_layout max  
herbstclient detect_monitors
```

Declared by:

<home-manager/modules/services/window-managers/herbstluftwm.nix>xsession.windowManager.herbstluftwm.keybinds

Herbstluftwm keybinds.

Type: attribute set of string

Default: { }

Example:

```
{  
  Mod4-o = "split right";  
  Mod4-u = "split bottom";
```

```
}
```

Declared by:

[`<home-manager/modules/services/window-managers/herbstluftwm.nix>`](#)

`xsession.windowManager.herbstluftwm.mousebinds`

Herbstluftwm mousebinds.

Type: attribute set of string

Default: { }

Example:

```
{
  Mod4-B1 = "move";
  Mod4-B3 = "resize";
}
```

Declared by:

[`<home-manager/modules/services/window-managers/herbstluftwm.nix>`](#)

`xsession.windowManager.herbstluftwm.rules`

Herbstluftwm rules.

Type: list of string

Default: []

Example:

```
[
  "windowtype~'_NET_WM_WINDOW_TYPE_(DIALOG|UTILITY|SPLASH)' focus=on pseudotile=on
  "windowtype~'_NET_WM_WINDOW_TYPE_(NOTIFICATION|DOCK|DESKTOP)' manage=off"
]
```

Declared by:

[`<home-manager/modules/services/window-managers/herbstluftwm.nix>`](#)

`xsession.windowManager.herbstluftwm.settings`

Herbstluftwm settings.

Type: attribute set of (boolean or signed integer or string)

Default: { }

Example:

```
{  
    gapless_grid = false;  
    window_border_width = 1;  
    window_border_active_color = "#FF0000";  
}
```

Declared by:

[`<home-manager/modules/services/window-managers/herbstluftwm.nix>`](#)

`xsession.windowManager.herbstluftwm.tags`

Tags to create on startup.

Type: list of string

Default: []

Example:

```
[ "work" "browser" "music" "gaming" ]
```

Declared by:

[`<home-manager/modules/services/window-managers/herbstluftwm.nix>`](#)

`xsession.windowManager.i3.enable`

Whether to enable i3 window manager.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

`xsession.windowManager.i3.package`

The i3 package to use.

Type: package

Default: pkgs.i3

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

`xsession.windowManager.i3.config`

i3 configuration options.

Type: null or (submodule)

Default: { }

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

`xsession.windowManager.i3.config.assigns`

An attribute set that assigns applications to workspaces based on criteria.

Type: attribute set of list of attribute set of (string or boolean)

Default: { }

Example:

```
{  
  "1: web" = [{ class = "^Firefox$"; }];  
  "0: extra" = [{ class = "^Firefox$"; window_role = "About"; }];  
}
```

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

`xsession.windowManager.i3.config.bars`

i3 bars settings blocks. Set to empty list to remove bars completely.

Type: list of (submodule)

Default: see code

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

`xsession.windowManager.i3.config.bars.*.colors`

Bar color settings. All color classes can be specified using submodules with 'border', 'background', 'text', fields and RGB color hex-codes as values. See default values for the reference. Note that 'background', 'status', and 'separator' parameters take a single RGB value.

See https://i3wm.org/docs/userguide.html#_colors.

Type: submodule

Default: { }

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

`xsession.windowManager.i3.config.bars.*.colors.activeWorkspace`

Border, background and text color for a workspace button when the workspace is active.

Type: null or (submodule)

Default:

`null` for state version ≥ 20.09 , as example otherwise

Example:

```
{  
    background = "#5f676a";  
    border = "#333333";  
    text = "#ffffff";  
}
```

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/i3.nix>](#)

`xsession.windowManager.i3.config.bars.*.colors.background`

Background color of the bar.

Type: null or string

Default:

```
null for state version ≥ 20.09, as example otherwise
```

Example: "#000000"

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/i3.nix>](#)

`xsession.windowManager.i3.config.bars.*.colors.bindingMode`

Border, background and text color for the binding mode indicator

Type: null or (submodule)

Default:

```
null for state version ≥ 20.09, as example otherwise
```

Example:

```
{  
    background = "#900000";  
    border = "#2f343a";  
    text = "#ffffff";  
}
```

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/i3.nix>](#)

xsession.windowManager.i3.config.bars.*.colors.focusedBackground

Background color of the bar on the currently focused monitor output.

Type: null or string

Default: null

Example: "#000000"

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/i3.nix>](#)

xsession.windowManager.i3.config.bars.*.colors.focusedSeparator

Text color to be used for the separator on the currently focused monitor output.

Type: null or string

Default: null

Example: "#666666"

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/i3.nix>](#)

xsession.windowManager.i3.config.bars.*.colors.focusedStatusline

Text color to be used for the statusline on the currently focused monitor output.

Type: null or string

Default: null

Example: "#ffffff"

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)[`xsession.windowManager.i3.config.bars.*.colors.focusedWorkspace`](#)

Border, background and text color for a workspace button when the workspace has focus.

Type: null or (submodule)

Default:

```
null for state version ≥ 20.09, as example otherwise
```

Example:

```
{  
    background = "#285577";  
    border = "#4c7899";  
    text = "#ffffff";  
}
```

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)[`xsession.windowManager.i3.config.bars.*.colors.inactiveWorkspace`](#)

Border, background and text color for a workspace button when the workspace does not have focus and is not active.

Type: null or (submodule)

Default:

```
null for state version ≥ 20.09, as example otherwise
```

Example:

```
{  
    background = "#222222";  
    border = "#333333";  
    text = "#888888";  
}
```

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

[`xsession.windowManager.i3.config.bars.*.colors.separator`](#)

Text color to be used for the separator.

Type: null or string

Default:

`null` for state version ≥ 20.09 , as example otherwise

Example: "#666666"

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

[`xsession.windowManager.i3.config.bars.*.colors.statusline`](#)

Text color to be used for the statusline.

Type: null or string

Default:

`null` for state version ≥ 20.09 , as example otherwise

Example: "#ffffff"

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)[`xsession.windowManager.i3.config.bars.*.colors.urgentWorkspace`](#)

Border, background and text color for a workspace button when the workspace contains a window with the urgency hint set.

Type: null or (submodule)

Default:

```
null for state version ≥ 20.09, as example otherwise
```

Example:

```
{  
    background = "#900000";  
    border = "#2f343a";  
    text = "#ffffff";  
}
```

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)[`xsession.windowManager.i3.config.bars.*.command`](#)

Command that will be used to start a bar.

Type: string

Default: "i3bar"

Example: "\\${pkgs.i3}/bin/i3bar -t"

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)[`xsession.windowManager.i3.config.bars.*.extraConfig`](#)

Extra configuration lines for this bar.

Type: strings concatenated with “\n”

Default: “ ”

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

`xsession.windowManager.i3.config.bars.*.fonts`

Font configuration for this bar.

Type: (list of string) or (submodule)

Default: { }

Example:

```
{  
    names = [ "DejaVu Sans Mono" "FontAwesome5Free" ];  
    style = "Bold Semi-Condensed";  
    size = 11.0;  
}
```

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

`xsession.windowManager.i3.config.bars.*.hiddenState`

The default bar mode when ‘bar.mode’ == ‘hide’.

Type: null or one of “hide”, “show”

Default:

`null` for state version ≥ 20.09 , as example otherwise

Example: “hide”

Declared by:

[home-manager/modules/services/window-managers/i3-sway/i3.nix](#)[xsession.windowManager.i3.config.bars.*.id](#)

Specifies the bar ID for the configured bar instance. If this option is missing, the ID is set to bar-x, where x corresponds to the position of the embedding bar block in the config file.

Type: null or string

Default: null

Declared by:

[home-manager/modules/services/window-managers/i3-sway/i3.nix](#)[xsession.windowManager.i3.config.bars.*.mode](#)

Bar visibility mode.

Type: null or one of “dock”, “hide”, “invisible”

Default:

null for state version ≥ 20.09 , as example otherwise

Example: "dock"

Declared by:

[home-manager/modules/services/window-managers/i3-sway/i3.nix](#)[xsession.windowManager.i3.config.bars.*.position](#)

The edge of the screen i3bar should show up.

Type: null or one of “top”, “bottom”

Default:

null for state version ≥ 20.09 , as example otherwise

Example: "bottom"

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

`xsession.windowManager.i3.config.bars.*.statusCommand`

Command that will be used to get status lines.

Type: null or string

Default:

`null` for state version ≥ 20.09 , as example otherwise

Example: `"\${pkgs.i3status}/bin/i3status"`

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

`xsession.windowManager.i3.config.bars.*.trayOutput`

Where to output tray.

Type: null or string

Default:

`null` for state version ≥ 20.09 , as example otherwise

Example: `"primary"`

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

`xsession.windowManager.i3.config.bars.*.trayPadding`

Sets the pixel padding of the system tray. This padding will surround the tray on all sides and between each item.

Type: null or signed integer

Default:

`null` for state version ≥ 20.09 , as example otherwise

Example: `null`

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

[`xsession.windowManager.i3.config.bars.*.workspaceButtons`](#)

Whether workspace buttons should be shown or not.

Type: `null` or boolean

Default:

`null` for state version ≥ 20.09 , as example otherwise

Example: `true`

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

[`xsession.windowManager.i3.config.bars.*.workspaceNumbers`](#)

Whether workspace numbers should be displayed within the workspace buttons.

Type: `null` or boolean

Default:

`null` for state version ≥ 20.09 , as example otherwise

Example: `true`

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

`xsession.windowManager.i3.config.colors`

Color settings. All color classes can be specified using submodules with ‘border’, ‘background’, ‘text’, ‘indicator’ and ‘childBorder’ fields and RGB color hex-codes as values. See default values for the reference. Note that ‘i3.config.colors.background’ parameter takes a single RGB value.

See https://i3wm.org/docs/userguide.html#_changing_colors.

Type: submodule

Default: { }

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

`xsession.windowManager.i3.config.colors.background`

Background color of the window. Only applications which do not cover the whole area expose the color.

Type: string

Default: "#ffffff"

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

`xsession.windowManager.i3.config.colors.focused`

A window which currently has the focus.

Type: submodule

Default:

```
{  
    background = "#285577";  
    border = "#4c7899";  
    childBorder = "#285577";  
    indicator = "#2e9ef4";  
    text = "#ffffff";  
}
```

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

`xsession.windowManager.i3.config.colors.focusedInactive`

A window which is the focused one of its container, but it does not have the focus at the moment.

Type: submodule

Default:

```
{  
    background = "#5f676a";  
    border = "#333333";  
    childBorder = "#5f676a";  
    indicator = "#484e50";  
    text = "#ffffff";  
}
```

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

`xsession.windowManager.i3.config.colors.placeholder`

Background and text color are used to draw placeholder window contents (when restoring layouts). Border and indicator are ignored.

Type: submodule

Default:

```
{
```

```
background = "#0c0c0c";
border = "#000000";
childBorder = "#0c0c0c";
indicator = "#000000";
text = "#ffffff";
}
```

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/i3.nix>](#)

xsession.windowManager.i3.config.colors.unfocused

A window which is not focused.

Type: submodule

Default:

```
{
  background = "#222222";
  border = "#333333";
  childBorder = "#222222";
  indicator = "#292d2e";
  text = "#888888";
}
```

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/i3.nix>](#)

xsession.windowManager.i3.config.colors.urgent

A window which has its urgency hint activated.

Type: submodule

Default:

```
{
  background = "#900000";
  border = "#2f343a";
  childBorder = "#900000";
```

```
    indicator = "#900000";
    text = "#ffffff";
}
```

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/i3.nix>](#)

xsession.windowManager.i3.config.defaultWorkspace

The default workspace to show when i3 is launched. This must correspond to the value of the keybinding of the default workspace.

Type: null or string

Default: null

Example: "workspace number 9"

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/i3.nix>](#)

xsession.windowManager.i3.config.floating

Floating window settings.

Type: submodule

Default: { }

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/i3.nix>](#)

xsession.windowManager.i3.config.floating.border

Floating windows border width.

Type: signed integer

Default: 2

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/i3.nix>](#)

xsession.windowManager.i3.config.floating.criteria

List of criteria for windows that should be opened in a floating mode.

Type: list of attribute set of (string or boolean)

Default: []

Example:

```
[  
 {  
   title = "Steam - Update News";  
 }  
 {  
   class = "Pavucontrol";  
 }  
]
```

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/i3.nix>](#)

xsession.windowManager.i3.config.floating.modifier

Modifier key or keys that can be used to drag floating windows.

Type: string

Default: "i3.config.modifier"

Example: "Mod4"

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/i3.nix>](#)

xsession.windowManager.i3.config.floating.titlebar

Whether to show floating window titlebars.

Type: boolean

Default:

```
  true for state version ≥ 23.05
  config.gaps == null for state version < 23.05

```

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

`xsession.windowManager.i3.config.focus`

Focus related settings.

Type: submodule

Default: { }

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

`xsession.windowManager.i3.config.focus.followMouse`

Whether focus should follow the mouse.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

`xsession.windowManager.i3.config.focus.forceWrapping`

Whether to force focus wrapping in tabbed or stacked containers.

This option is deprecated, use `focus.wrapping` instead.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

`xsession.windowManager.i3.config.focus.mouseWarping`

Whether mouse cursor should be warped to the center of the window when switching focus to a window on a different output.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

`xsession.windowManager.i3.config.focus.newWindow`

This option modifies focus behavior on new window activation.

See https://i3wm.org/docs/userguide.html#focus_on_window_activation

Type: one of “smart”, “urgent”, “focus”, “none”

Default: "smart"

Example: "none"

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

`xsession.windowManager.i3.config.focus.wrapping`

Whether the window focus commands automatically wrap around the edge of containers.

See https://i3wm.org/docs/userguide.html#_focus_wrapping

Type: one of “yes”, “no”, “force”, “workspace”

Default: "yes"

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

`xsession.windowManager.i3.config.fonts`

Font configuration for window titles, nagbar...

Type: (list of string) or (submodule)

Default: { }

Example:

```
{  
    names = [ "DejaVu Sans Mono" "FontAwesome5Free" ];  
    style = "Bold Semi-Condensed";  
    size = 11.0;  
}
```

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/i3.nix>](#)

xsession.windowManager.i3.config.gaps

Gaps related settings.

Type: null or (submodule)

Default: null

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/i3.nix>](#)

xsession.windowManager.i3.config.gaps.bottom

Bottom gaps value.

Type: null or signed integer

Default: null

Example: 5

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/i3.nix>](#)

xsession.windowManager.i3.config.gaps.horizontal

Horizontal gaps value.

Type: null or signed integer

Default: null

Example: 5

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)[`xsession.windowManager.i3.config.gaps.inner`](#)

Inner gaps value.

Type: null or signed integer

Default: null

Example: 12

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)[`xsession.windowManager.i3.config.gaps.left`](#)

Left gaps value.

Type: null or signed integer

Default: null

Example: 5

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)[`xsession.windowManager.i3.config.gaps.outer`](#)

Outer gaps value.

Type: null or signed integer

Default: null

Example: 5

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)[`xsession.windowManager.i3.config.gaps.right`](#)

Right gaps value.

Type: null or signed integer

Default: null

Example: 5

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

`xsession.windowManager.i3.config.gaps.smartBorders`

This option controls whether to disable container borders on workspace with a single container.

Type: one of “on”, “off”, “no_gaps”

Default: “off”

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

`xsession.windowManager.i3.config.gaps.smartGaps`

This option controls whether to disable all gaps (outer and inner) on workspace with a single container.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

`xsession.windowManager.i3.config.gaps.top`

Top gaps value.

Type: null or signed integer

Default: null

Example: 5

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

`xsession.windowManager.i3.config.gaps.vertical`

Vertical gaps value.

Type: null or signed integer

Default: null

Example: 5

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

`xsession.windowManager.i3.config.keybindings`

An attribute set that assigns a key press to an action using a key symbol. See <https://i3wm.org/docs/userguide.html#keybindings>.

Consider to use `lib.mkOptionDefault` function to extend or override default keybindings instead of specifying all of them from scratch.

Type: attribute set of (null or string)

Default: "Default i3 keybindings."

Example:

```
let
  modifier = config.xsession.windowManager.i3.config.modifier;
in lib.mkOptionDefault {
  "${modifier}+Return" = "exec i3-sensible-terminal";
  "${modifier}+Shift+q" = "kill";
  "${modifier}+d" = "exec ${pkgs.dmenu}/bin/dmenu_run";
}
```

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

`xsession.windowManager.i3.config.keyCodebindings`

An attribute set that assigns keypress to an action using key code. See <https://i3wm.org/docs/userguide.html#keybindings>.

Type: attribute set of (null or string)

Default: { }

Example:

```
{  
  "214" = "exec /bin/script.sh";  
}
```

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/i3.nix>](#)

xsession.windowManager.i3.config.menu

Default launcher to use.

Type: string

Default: "\\${pkgs.dmenu}/bin/dmenu_run"

Example: "bemenu-run"

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/i3.nix>](#)

xsession.windowManager.i3.config.modes

An attribute set that defines binding modes and keybindings inside them

Only basic keybinding is supported (bindsym keycomb action), for more advanced setup use 'i3.extraConfig'.

Type: attribute set of attribute set of string

Default:

```
{  
  resize = {  
    Down = "resize grow height 10 px or 10 ppt";  
    Escape = "mode default";  
    Left = "resize shrink width 10 px or 10 ppt";  
    Return = "mode default";  
    Right = "resize grow width 10 px or 10 ppt";  
    Up = "resize shrink height 10 px or 10 ppt";  
  };  
}
```

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

`xsession.windowManager.i3.config.modifier`

Modifier key that is used for all default keybindings.

Type: one of “Shift”, “Control”, “Mod1”, “Mod2”, “Mod3”, “Mod4”, “Mod5”

Default: "Mod1"

Example: "Mod4"

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

`xsession.windowManager.i3.config.startup`

Commands that should be executed at startup.

See https://i3wm.org/docs/userguide.html#_automatically_starting_applications_on_i3_startup.

Type: list of (submodule)

Default: []

Example:

```
[  
 { command = "systemctl --user restart polybar"; always = true; notification = false;  
 { command = "dropbox start"; notification = false; }  
 { command = "firefox"; }  
];
```

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

`xsession.windowManager.i3.config.startup.*.always`

Whether to run command on each i3 restart.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

`xsession.windowManager.i3.config.startup.*.command`

Command that will be executed on startup.

Type: string

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

`xsession.windowManager.i3.config.startup.*.notification`

Whether to enable startup-notification support for the command. See `--no-startup-id` option description in the i3 user guide.

Type: boolean

Default: true

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

`xsession.windowManager.i3.config.startup.*.workspace`

Launch application on a particular workspace. DEPRECATED: Use

[xsession.windowManager.i3.config.assigns](#) instead. See <https://github.com/nix-community/home-manager/issues/265>.

Type: null or string

Default: null

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

`xsession.windowManager.i3.config.terminal`

Default terminal to run.

Type: string

Default: "i3-sensible-terminal"

Example: "alacritty"

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

`xsession.windowManager.i3.config.window`

Window titlebar and border settings.

Type: submodule

Default: { }

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

`xsession.windowManager.i3.config.window.border`

Window border width.

Type: signed integer

Default: 2

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)

`xsession.windowManager.i3.config.window.commands`

List of commands that should be executed on specific windows. See `for_window` i3wm option documentation.

Type: list of (submodule)

Default: []

Example:

```
[  
 {  
   command = "border pixel 1";  
   criteria = {  
     class = "XTerm";  
   };  
 }]
```

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/i3.nix>](#)

xsession.windowManager.i3.config.window.commands.*.command

i3wm command to execute.

Type: string

Example: "border pixel 1"

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/i3.nix>](#)

xsession.windowManager.i3.config.window.commands.*.criteria

Criteria of the windows on which command should be executed.

A value of true is equivalent to using an empty criteria (which is different from an empty string criteria).

Type: attribute set of (string or boolean)

Example:

```
{  
    title = "x200: ~/work";  
    floating = true;  
};
```

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/i3.nix>](#)

xsession.windowManager.i3.config.window.hideEdgeBorders

Hide window borders adjacent to the screen edges.

Type: one of "none", "vertical", "horizontal", "both", "smart"

Default: "none"

Declared by:

[home-manager/modules/services/window-managers/i3-sway/i3.nix](#)xsession.windowManager.i3.config.window.titlebar

Whether to show window titlebars.

Type: boolean

Default:

```
  ''
    true for state version ≥ 23.05
  config.gaps == null for state version < 23.05
  ''
```

Declared by:

[home-manager/modules/services/window-managers/i3-sway/i3.nix](#)xsession.windowManager.i3.config.workspaceAutoBackAndForth

Assume you are on workspace “1: www” and switch to “2: IM” using mod+2 because somebody sent you a message. You don’t need to remember where you came from now, you can just press \$mod+2 again to switch back to “1: www”.

Type: boolean

Default: false

Example: true

Declared by:

[home-manager/modules/services/window-managers/i3-sway/i3.nix](#)xsession.windowManager.i3.config.workspaceLayout

The mode in which new containers on workspace level will start.

Type: one of “default”, “stacking”, “tabbed”

Default: "default"

Example: "tabbed"

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/i3.nix>](#)[xsession.windowManager.i3.config.workspaceOutputAssign](#)

Assign workspaces to outputs.

Type: list of (submodule)

Default: []

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/i3.nix>](#)[xsession.windowManager.i3.config.workspaceOutputAssign.*.output](#)

Name(s) of the output(s) from **i3-msg -t get_outputs** .

Type: string or list of string

Default: " "

Example: "eDP"

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/i3.nix>](#)[xsession.windowManager.i3.config.workspaceOutputAssign.*.workspace](#)

Name of the workspace to assign.

Type: string

Default: " "

Example: "Web"

Declared by:

[<home-manager/modules/services/window-managers/i3-sway/i3.nix>](#)[xsession.windowManager.i3.extraConfig](#)

Extra configuration lines to add to `~/.config/i3/config`.

Type: strings concatenated with “\n”

Default: " "

Declared by:

[`<home-manager/modules/services/window-managers/i3-sway/i3.nix>`](#)[`xsession.windowManager.spectrwm.enable`](#)

Whether to enable Spectrwm window manager.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/window-managers/spectrwm.nix>`](#)[`xsession.windowManager.spectrwm.package`](#)

Package providing the **spectrwm** command.

Type: package

Default: pkgs.spectrwm

Declared by:

[`<home-manager/modules/services/window-managers/spectrwm.nix>`](#)[`xsession.windowManager.spectrwm.bindings`](#)

Spectrwm keybindings.

Type: attribute set of string

Default: { }

Example:

```
{  
    term = "Mod+Return";  
    restart = "Mod+Shift+r";  
    quit = "Mod+Shift+q";  
}
```

Declared by:

[`<home-manager/modules/services/window-managers/spectrwm.nix>`](#)[`xsession.windowManager.spectrwm.programs`](#)

Spectrwm programs variables.

Type: attribute set of string

Default: { }

Example:

```
{  
    term = "alacritty";  
    search = "dmenu -ip -p 'Window name/id:';  
}
```

Declared by:

[`<home-manager/modules/services/window-managers/spectrwm.nix>`](#)[`xsession.windowManager.spectrwm.quirks`](#)

Spectrwm quicks (custom window rules).

Type: attribute set of string

Default: { }

Example:

```
{  
    Matplotlib = "FLOAT";  
    Pavucontrol = "FLOAT";  
}
```

Declared by:

[`<home-manager/modules/services/window-managers/spectrwm.nix>`](#)[`xsession.windowManager.spectrwm.settings`](#)

Spectrwm settings.

Type: attribute set of (boolean or signed integer or string)

Default: { }

Example:

```
{  
    modkey = "Mod4";  
    workspace_limit = 5;  
    focus_mode = "manual";  
    focus_close = "next";  
}
```

Declared by:

[<home-manager/modules/services/window-managers/spectrwm.nix>](#)

xsession.windowManager.spectrwm.unbindings

List of keybindings to disable from default Spectrwm configuration.

Type: list of string

Default: []

Example:

```
[  
    "MOD+e"  
    "MOD+f"  
    "MOD+m"  
    "MOD+s"  
    "MOD+u"  
    "MOD+t"  
]
```

Declared by:

[<home-manager/modules/services/window-managers/spectrwm.nix>](#)

[xsession.windowManager.xmonad.enable](#)

Whether to enable xmonad window manager.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/modules/services/window-managers/xmonad.nix>`](#)

[xsession.windowManager.xmonad.enableContribAndExtras](#)

Enable xmonad-{contrib,extras} in xmonad.

Type: boolean

Default: false

Declared by:

[`<home-manager/modules/services/window-managers/xmonad.nix>`](#)

[xsession.windowManager.xmonad.config](#)

The configuration file to be used for xmonad. This must be an absolute path or null in which case `~/ .xmonad/xmonad.hs` will not be managed by Home Manager.

If this option is set to a non-null value, recompilation of xmonad outside of Home Manager (e.g. via `xmonad --recompile`) will fail.

Type: null or path

Default: null

Example:

```
pkgs.writeText "xmonad.hs" ''  
  import XMonad  
  main = xmonad defaultConfig  
    { terminal     = "urxvt"  
    , modMask      = mod4Mask  
    , borderWidth = 3  
    }  
  ..
```

Declared by:

[<home-manager/modules/services/window-managers/xmonad.nix>](#)

xsession>windowManager.xmonad.extraPackages

Extra packages available to GHC when rebuilding xmonad. The value must be a function which receives the attribute set defined in `haskellPackages` as the sole argument.

Type: unspecified value

Default: "self: []"

Example:

```
haskellPackages: [  
  haskellPackages.xmonad-contrib  
  haskellPackages.monad-logger  
]
```

Declared by:

[<home-manager/modules/services/window-managers/xmonad.nix>](#)

xsession>windowManager.xmonad.haskellPackages

The `haskellPackages` used to build xmonad and other packages. This can be used to change the GHC version used to build xmonad and the packages listed in `extraPackages`.

Type: unspecified value

Default: `pkgs.haskellPackages`

Example: pkgs.haskell.packages.ghc784

Declared by:

[<home-manager/modules/services/window-managers/xmonad.nix>](#)

xsession.windowManager.xmonad.libFiles

Additional files that will be saved in `~/.xmonad/lib/` and included in the configuration build. The keys are the file names while the values are paths to the contents of the files.

Type: attribute set of path

Default: { }

Example:

```
{  
  "Tools.hs" = pkgs.writeText "Tools.hs" ''  
    module Tools where  
      screenshot = "scrot"  
    '';  
}
```

Declared by:

[<home-manager/modules/services/window-managers/xmonad.nix>](#)

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Appendix B. NixOS Configuration Options

[home-manager.backupFileExtension](#)

On activation move existing files by appending the given file extension rather than exiting with an error.

Type: null or string

Default: null

Example: "backup"

Declared by:

[<home-manager/nixos/common.nix>](#)

[home-manager.extraSpecialArgs](#)

Extra specialArgs passed to Home Manager. This option can be used to pass additional arguments to all modules.

Type: attribute set

Default: { }

Example: { inherit emacs-overlay; }

Declared by:

[<home-manager/nixos/common.nix>](#)

[home-manager.sharedModules](#)

Extra modules added to all users.

Type: list of raw value

Default: []

Example: [{ home.packages = [nixpkgs-fmt]; }]

Declared by:

[<home-manager/nixos/common.nix>](#)

home-manager.useGlobalPkgs

Whether to enable using the system configuration's pkgs argument in Home Manager. This disables the Home Manager options nixpkgs.*.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/nixos/common.nix>](#)

home-manager.useUserPackages

Whether to enable installation of user packages through the users.users.<name>.packages option.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/nixos/common.nix>](#)

home-manager.users

Per-user Home Manager configuration.

Type: attribute set of (Home Manager module)

Default: { }

Declared by:

[<home-manager/nixos/common.nix>](#)

home-manager.verbose

Whether to enable verbose output on activation.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/nixos/common.nix>](#)

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Appendix C. nix-darwin Configuration Options

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Appendix C. nix-darwin Configuration Options

[home-manager.backupFileExtension](#)

On activation move existing files by appending the given file extension rather than exiting with an error.

Type: null or string

Default: null

Example: "backup"

Declared by:

[<home-manager/nixos/common.nix>](#)

[home-manager.extraSpecialArgs](#)

Extra specialArgs passed to Home Manager. This option can be used to pass additional arguments to all modules.

Type: attribute set

Default: { }

Example: { inherit emacs-overlay; }

Declared by:

[<home-manager/nixos/common.nix>](#)

[home-manager.sharedModules](#)

Extra modules added to all users.

Type: list of raw value

Default: []

Example: [{ home.packages = [nixpkgs-fmt]; }]

Declared by:

[`<home-manager/nixos/common.nix>`](#)

`home-manager.useGlobalPkgs`

Whether to enable using the system configuration's pkgs argument in Home Manager. This disables the Home Manager options `nixpkgs.*`.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/nixos/common.nix>`](#)

`home-manager.useUserPackages`

Whether to enable installation of user packages through the `users.users.<name>.packages` option.

Type: boolean

Default: false

Example: true

Declared by:

[`<home-manager/nixos/common.nix>`](#)

`home-manager.users`

Per-user Home Manager configuration.

Type: attribute set of (Home Manager module)

Default: { }

Declared by:

[`<home-manager/nixos/common.nix>`](#)

`home-manager.verbose`

Whether to enable verbose output on activation.

Type: boolean

Default: false

Example: true

Declared by:

[<home-manager/nixos/common.nix>](#)

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Appendix D. Release Notes

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Appendix D. Release Notes

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This section lists the release notes for stable versions of Home Manager and the current unstable version.

Release 24.05

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[Highlights](#)

[State Version Changes](#)

This is the current unstable branch and the information in this section is therefore not final.

Highlights

This release has the following notable changes:

- The `.release` file in the Home Manager project root has been removed. Please use the `release.json` file instead.
- The `home-manager uninstall` command has been reworked to, hopefully, be more robust. The new implementation makes use of a new Boolean configuration option `uninstall` that can also be used in a pure Nix Flake setup.

Specifically, if you are using a Flake only installation, then you can clean up a Home Manager installation by adding

```
uninstall = true;
```

to your existing configuration and then build and activate. This will override any other configuration and cause, for example, the removal of all managed files.

Please be very careful when enabling this option since activating the built configuration will not only remove the managed files but *all* Home Manager state from your user environment. This includes removing all your historic Home Manager generations!

- The use of `$DRY_RUN_CMD` and `$DRY_RUN_NULL` in activation script blocks is now deprecated. Instead use the new shell function `run`. In most cases it is sufficient to replace `$DRY_RUN_CMD` by `run`. For example, if your configuration currently contains

```
home.activation.reportChanges = config.lib.dag.entryAnywhere
  if [[ -v oldGenPath ]]; then
```

```
$DRY_RUN_CMD nix store diff-closures $oldGenPath $newGenPath  
fi  
'';
```

then you are now encouraged to change to

```
home.activation.reportChanges = config.lib.dag.entryAnywhere ''  
if [[ -v oldGenPath ]]; then  
    run nix store diff-closures $oldGenPath $newGenPath  
fi  
'';
```

See the description of [home.activation](#) for more. The deprecated variables will continue to work for now but their use may in the future trigger a warning message and eventually they may be removed entirely.

- Similarly, the use of \$VERBOSE_ECHO in activation script blocks is deprecated. Instead use the new shell function **verboseEcho**. That is,

```
home.activation.doThing = config.lib.dag.entryAnywhere ''  
$VERBOSE_ECHO "Doing the thing"  
''
```

should now be expressed

```
home.activation.doThing = config.lib.dag.entryAnywhere ''  
verboseEcho "Doing the thing"  
''
```

See the description of [home.activation](#) for more. The deprecated variable will continue to work for now but its use may in the future trigger a warning message and eventually it may be removed entirely.

State Version Changes

The state version in this release includes the changes below. These changes are only active if the `home.stateVersion` option is set to "24.05" or later.

- Nothing, yet.

Release 23.11

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[Highlights](#)

[State Version Changes](#)

The 23.11 release branch became stable in November, 2023.

Highlights

This release has the following notable changes:

- When using `programs.fish.enable`, the setup code for `home.sessionVariables` is now translated with `babelfish`. This should result in significantly faster shell startup times but could theoretically break if you have very complex bash expressions in a session variable. Please report any issues you experience.
- The `.release` file in the Home Manager source tree has been supplanted by `release.json`, which contains more information about the branch. If you have any external code reading this file, please switch to consuming `release.json` instead. The `.release` file will be removed in 24.05.
- Home Manager has migrated to using the upstream Nixpkgs `lib.nixosOptionsDoc` processor for option documentation. If you have any external Home Manager modules, their option descriptions and literal examples should be translated to [Nixpkgs-flavoured Markdown](#).
- The `services.password-store-sync` module has been removed. Use `services.git-sync` instead.

State Version Changes

The state version in this release includes the changes below. These changes are only active if the `home.stateVersion` option is set to "23.11" or later.

- Nothing, yet.

Release 23.05

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[Highlights](#)

[State Version Changes](#)

The 23.05 release branch became the stable branch in May, 2023.

Highlights

This release has the following notable changes:

- Firefox add-ons are now managed per-profile. That is, if you are currently having

```
programs.firefox.extensions = [ foo bar ];
```

in your configuration then you must change it to

```
programs.firefox.profiles.myprofile.extensions = [ foo bar ];
```

- The default configuration location has been changed from `~/.config/nixpkgs/home.nix` to `~/.config/home-manager/home.nix`.

Similarly, if you are using a Nix flake based setup then the default flake file location has changed from `~/.config/nixpkgs/flake.nix` to `~/.config/home-manager/flake.nix`.

The old location will continue to work but using it will trigger a warning message. We changed the default configuration location to avoid confusion about which files belong to Home Manager and which belong to Nixpkgs.

- The `home-manager` tool now offers an `init` command. This command can be used to generate an initial Home Manager configuration, and optionally also activate it. The recommended installation method for a standalone Home Manager setup with Nix flakes uses this new command. The standard installation method remains the same but uses the new command internally. See [sec-flakes-standalone](#) for more.

State Version Changes

The state version in this release includes the changes below. These changes are only active if the `home.stateVersion` option is set to "23.05" or later.

- The options
 - [`xsession.windowManager.i3.config.window.titlebar`](#)
 - [`xsession.windowManager.i3.config.floating.titlebar`](#)
 - [`wayland.windowManager.sway.config.window.titlebar`](#)
 - [`wayland.windowManager.sway.config.floating.titlebar`](#)

now default to `true` which is consistent with the default values for those options used by `i3` and `sway`.

Release 22.11

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[Highlights](#)

[State Version Changes](#)

The 22.11 release branch became the stable branch in November, 2022.

Highlights

This release has the following notable changes:

- The `home.stateVersion` option no longer has a default value. It used to default to “18.09”, which was the Home Manager version that introduced the option. If your configuration does not explicitly set this option then you need to add

```
home.stateVersion = "18.09";
```

to your configuration.

- The Flake function `homeManagerConfiguration` has been simplified. Specifically, the arguments
 - `configuration`,
 - `username`,
 - `homeDirectory`,
 - `stateVersion`,
 - `extraModules`, and
 - `system`

have been removed. Instead use the new `modules` argument, which accepts a list of NixOS modules.

Further, the `pkgs` argument is now mandatory and should be set to `nixpkgs.legacyPackages.${system}` where `nixpkgs` is the `Nixpkgs` input of your choice.

For example, if your Flake currently contains

```
homeManagerConfiguration {  
    configuration = import ./home.nix;  
    system = "x86_64-linux";  
    username = "jdoe";  
    homeDirectory = "/home/jdoe";  
    stateVersion = "22.05";
```

```
extraModules = [ ./some-extra-module.nix ];  
}
```

then you can change it to

```
homeManagerConfiguration {  
  pkgs = nixpkgs.legacyPackages.${system};  
  modules = [  
    ./home.nix  
    ./some-extra-module.nix  
    {  
      home = {  
        username = "jdoe";  
        homeDirectory = "/home/jdoe";  
        stateVersion = "22.05";  
      };  
    }  
  ];  
}
```

Of course, you can move the assignment of `home.username`, `home.stateVersion` to some other file or simply place them in your `home.nix`.

- The `services.picom` module has been refactored to use structural settings.

As a result `services.picom.extraOptions` has been removed in favor of `services.picom.settings`. Also, `services.picom.blur*` were removed since upstream changed the blur settings to be more flexible. You can migrate the blur settings to use `services.picom.settings` instead.

- The `services.compton` module has been removed. It was deprecated in release 20.03. Use `services.picom` instead.

State Version Changes

The state version in this release includes the changes below. These changes are only active if the `home.stateVersion` option is set to "22.11" or later.

- The `services.mpd.musicDirectory` option now defaults to the value of `xdg.userDirs.music` if `xdg.userDirs.enable` is enabled. Otherwise it is undefined and must be specified in the user configuration.
- The activation script now resets PATH before running. Before, the user's PATH environment variable would be used in the script and this made it possible for commands in the activation script to run arbitrary commands accessible to the user. We now restrict the activation script to commands that are explicitly specified.

There is no official way to restore the old behavior. We attempt to make the activation script as reproducible as possible and honoring the user's PATH reduces reproducibility.

If you need to run a command in an activation script block then refer to the command by its absolute command path, such as `pkgs.hello/bin/hello`.

Release 22.05

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[Highlights](#)

[State Version Changes](#)

The 22.05 release branch became the stable branch in May, 2022.

Highlights

This release has the following notable changes:

- The `programs.waybar.settings.modules` option was removed. Waybar modules should now be declared directly under `programs.waybar.settings`.
- Home Manager now partially support translation of texts into different languages. Note, the support is quite limited at the moment. Specifically, it only applies to parts of the system written in the Bash language, such as the `home-manager` command line tool and the activation script.

If you would like to contribute to the translation effort then you can do so through the [Home](#)

[Manager Weblate project.](#)

- A new module, `launchd.agents` was added. Use this to enable services based on macOS LaunchAgents.

State Version Changes

The state version in this release includes the changes below. These changes are only active if the `home.stateVersion` option is set to "22.05" or later.

- The `programs.waybar.settings` option now allows defining modules directly under `programs.waybar.settings`. Defining modules under `programs.waybar.settings.modules` will now be an error. For example,

```
programs.waybar.settings.modules."custom/my-module" = { };
```

becomes

```
programs.waybar.settings."custom/my-module" = { };
```

Release 21.11

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[Highlights](#)

[State Version Changes](#)

The 21.11 release branch became the stable branch in November, 2021.

Highlights

This release has the following notable changes:

- All Home Manager modules are now loaded on all platforms. With this change you will get a more descriptive error message if you attempt to enable a module that is incompatible with the host platform.

Previously, modules that were platform specific would only be loaded on that particular platform. For example, a module defining a [systemd](#) service would only be loaded when the host platform was Linux. This reduced evaluation times, simplified the generated documentation, and made it impossible to accidentally use modules that do not support the host platform.

While the above benefits are quite nice, avoiding module loads also brings a few problems. For example, the [public documentation](#) will only show the options available for Linux hosts and the documentation cannot make references to options within modules that are unavailable on some hosts. Finally, users who wish to use the same configuration file for different platforms cannot do so, even if the platform incompatible options are unused.

Ultimately, the benefits of loading all modules won and the behavior has now changed. For associated discussion see [issue #1906](#).

- Rofi version 1.7.0 removed many options that were used by the module and replaced them with custom themes, which are more flexible and powerful.

You can replicate your old configuration by moving those options to [programs.rofi.theme](#). Keep in mind that the syntax is different so you may need to do some changes.

- Taskwarrior version 2.6.0 respects XDG Specification for the config file now. Option [programs.taskwarrior.config](#) and friends now generate the config file at \$XDG_CONFIG_HOME/task/taskrc instead of ~/.taskrc.

State Version Changes

The state version in this release includes the changes below. These changes are only active if the `home.stateVersion` option is set to "21.11" or later.

- The [home.keyboard](#) option now defaults to `null`, meaning that Home Manager won't do any keyboard layout management. For example, `setxkbmap` won't be run in X sessions.
- The [programs.pet.settings](#) option no longer place its value inside a `General` attribute. For example,

```
programs.pet.settings.editor = "nvim";
```

becomes

```
programs.pet.settings.General.editor = "nvim";
```

- The `programs.waybar.settings` option now allows defining modules directly under `programs.waybar.settings`. For example,

```
programs.waybar.settings.modules."custom/my-module" = { };
```

becomes

```
programs.waybar.settings."custom/my-module" = { };
```

Release 21.05

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[Highlights](#)

[State Version Changes](#)

The 21.05 release branch became the stable branch in May, 2021.

Highlights

This release has the following notable changes:

- The ‘`opt-programs.broot.verbs`` option is now a list rather than an attribute set. To migrate, move the keys of the attrset into the list items’ `invocation` keys. For example,

```
programs.broot.verbs = {  
    "p" = { execution = ":parent"; };  
};
```

becomes

```
programs.broot.verbs = [  
{  
    invocation = "p";  
    execution = ":parent";  
}  
];
```

- The `programs.mpv.package` option has been changed to allow custom derivations. The following configuration is now possible:

```
programs.mpv.package = (pkgs.wrapMpv (pkgs.mpv-unwrapped.override {  
    vapoursynthSupport = true;  
}) {  
    extraMakeWrapperArgs = [  
        "--prefix" "LD_LIBRARY_PATH" ":" "${pkgs.vapoursynth-mvtools}/lib/vapoursy  
    ];  
});
```

As a result of this change, `programs.mpv.package` is no longer the resulting derivation. Use the newly introduced `programs.mpv.finalPackage` instead.

- The `programs.rofi.extraConfig` option is now an attribute set rather than a string. To migrate, move each line into the attribute set, removing the `rofi.` prefix from the keys. For example,

```
programs.rofi.extraConfig = ''  
    rofi.show-icons: true
```

```
    rofi.modi: drun,emoji,ssh  
    '';
```

becomes

```
programs.rofi.extraConfig = {  
  show-icons = true;  
  modi = "drun,emoji,ssh";  
};
```

- The `programs.rofi.theme` option now supports defining a theme using an attribute set, the following configuration is now possible:

```
programs.rofi.theme = let  
  # Necessary to avoid quoting non-string values  
  inherit (config.lib.formats.rasi) mkLiteral;  
  in {  
    "@import" = "~/.config/rofi/theme.rasi";  
  
    "*" = {  
      background-color = mkLiteral "#000000";  
      foreground-color = mkLiteral "rgba ( 250, 251, 252, 100 % )";  
      border-color = mkLiteral "#FFFFFF";  
      width = 512;  
    };  
  
    "#textbox-prompt-colon" = {  
      expand = false;  
      str = ":";  
      margin = mkLiteral "0px 0.3em 0em 0em";  
      text-color = mkLiteral "@foreground-color";  
    };  
  };
```

- The `services.redshift.extraOptions` and `services.gammastep.extraOptions` options were removed in favor of `services.redshift.settings` and `services.gammastep.settings`, that are now an attribute set rather than a string. They also support new features not available

before, for example:

```
services.redshift = {
    dawnTime = "6:00-7:45";
    duskTime = "18:35-20:15";
    settings = {
        redshift = {
            gamma = 0.8;
            adjustment-method = "randr";
        };
        randr = {
            screen = 0;
        };
    };
};
```

It is recommended to check either [redshift.conf.sample](#) or [gammastep.conf.sample](#) for the available additional options in each program.

- Specifying `programs.neomutt.binds.map` or `programs.neomutt.macros.map` as a single string is now deprecated in favor of specifying it as a list of strings.
- The `programs.neovim.configure` is deprecated in favor of other `programs.neovim` options; please use the other options at your disposal:

```
configure.packages.*.opt -> programs.neovim.plugins = [ { plugin = ...; option = ...; } ]
configure.packages.*.start -> programs.neovim.plugins = [ { plugin = ...; } ]
configure.customRC -> programs.neovim.extraConfig
```

- Home Manager now respects the `NO_COLOR` environment variable as per [https://no-color.org/](#).
- Qt module now supports `qt.style.name` to specify a theme name and `qt.style.package` to specify a theme package. If you have set `qt.platformTheme` to `gnome`, a `qt.style.package` compatible with both Qt and Gtk is now required to be set. For instance:

```
qt = {
    platformTheme = "gnome";
```

```
style = {
    name = "adwaita-dark";
    package = pkgs.adwaita-qt;
};

};
```

- The library type `fontType` now has a `size` attribute in addition to `name`. For example:

```
font = {
    name = "DejaVu Sans";
    size = 8;
};
```

- The `programs.htop.settings` option is introduced to replace individual options in `programs.htop`. To migrate, set the `htop` options directly in `programs.htop.settings`. For example:

```
programs.htop = {
    enabled = true;
    settings = {
        color_scheme = 5;
        delay = 15;
        highlight_base_name = 1;
        highlight_megabytes = 1;
        highlight_threads = 1;
    };
};
```

State Version Changes

The state version in this release includes the changes below. These changes are only active if the `home.stateVersion` option is set to "21.05" or later.

- The `newsboat` module now stores generated configuration in `$XDG_CONFIG_HOME/newsboat`.

Release 20.09

Table of Contents

[Highlights](#)

[State Version Changes](#)

The 20.09 release branch became the stable branch in late September, 2020.

Highlights

This release has the following notable changes:

- Nothing has happened.

State Version Changes

The state version in this release includes the changes below. These changes are only active if the `home.stateVersion` option is set to "20.09" or later.

- The options `home.homeDirectory` and `home.username` no longer have default values and must therefore be provided in your configuration. Previously their values would default to the content of the environment variables HOME and USER, respectively.

Further, the options `xdg.cacheHome`, `xdg.dataHome` will no longer be affected by the XDG_CACHE_HOME, XDG_CONFIG_HOME, and XDG_DATA_HOME environment variables. They now unconditionally default to

- "\${config.home.homeDirectory}/.cache",
- "\${config.home.homeDirectory}/.config", and
- "\${config.home.homeDirectory}/.local/share".

If you choose to switch to state version 20.09 then you must set these options if you use non-default XDG base directory paths.

The initial configuration generated by

```
$ nix-shell '<home-manager>' -A install
```

will automatically include these options, when necessary.

- Git's `smtpEncryption` option is now set to `tls` only if both `accounts.email.accounts.name.smtp.tls.enable` and `accounts.email.accounts.name.smtp.tls.useStartTls` are `true`. If only `accounts.email.accounts.name.smtp.tls.enable` is `true`, `ssl` is used instead.
- The `nixpkgs` module no longer references `<nixpkgs>`. Before it would do so when building the `pkgs` module argument. Starting with state version 20.09, the `pkgs` argument is instead built from the same Nixpkgs that was used to initialize the Home Manager modules. This is useful, for example, when using Home Manager within a Nix Flake. If you want to keep using `<nixpkgs>` with state version ≥ 20.09 then add

```
_module.args.pkgsPath = <nixpkgs>;
```

to your Home Manager configuration.

- The options `wayland.windowManager.sway.config.bars` and `opt-xsession.windowManager.i3.config.bars` have been changed so that most of the suboptions are now nullable and default to `null`. The default for these two options has been changed to manually set the old defaults for each suboption. The overall effect is that if the `bars` options is not set, then the default remains the same. On the other hand, something like:

```
bars = [ {  
    command = "waybar";  
} ];
```

will now create the config:

```
bar {  
    swaybar_command waybar
```

}

instead of

```
bar {  
  
    font pango:monospace 8  
    mode dock  
    hidden_state hide  
    position bottom  
    status_command /nix/store/h7s6i9q1z5fxrlyyw5ls8vqxhf5bcs5a-i3status-2.13/bin  
    swaybar_command waybar  
    workspace_buttons yes  
    strip_workspace_numbers no  
    tray_output primary  
    colors {  
        background #000000  
        statusline #ffffff  
        separator #666666  
        focused_workspace #4c7899 #285577 #ffffff  
        active_workspace #333333 #5f676a #ffffff  
        inactive_workspace #333333 #222222 #888888  
        urgent_workspace #2f343a #900000 #ffffff  
        binding_mode #2f343a #900000 #ffffff  
    }  
}
```

Release 20.03

Table of Contents

Highlights

State Version Changes

The 20.03 release branch became the stable branch in April, 2020.

Highlights

This release has the following notable changes:

- Assigning a list to the `home.file`, `xdg.dataFile` options is now deprecated and will produce a warning message if used. Specifically, if your configuration currently contains something like

```
home.file = [
{
  target = ".config/foo.txt";
  text = "bar";
}
]
```

then it should be updated to instead use the equivalent attribute set form

```
home.file = {
  ".config/foo.txt".text = "bar";
}
```

Support for the list form will be removed in Home Manager version 20.09.

- The `lib` function attribute given to modules is now enriched with an attribute `hm` containing extra library functions specific for Home Manager. More specifically, `lib.hm` is now the same as `config.lib` and should be the preferred choice since it is more robust.

Therefore, if your configuration makes use of, for example, `config.lib.dag` to create activation script blocks, it is recommended to change to `lib.hm.dag`.

Note, in the unlikely case that you are

- using Home Manager's NixOS or `nix-darwin` module,
- have made your own Home Manager module containing an top-level option named `config` or `options`, and

- assign to this option in your system configuration inside a plain attribute set, i.e., without a function argument,

then you must update your configuration to perform the option assignment inside a config attribute. For example, instead of

```
home-manager.users.jane = { config = "foo"; };
```

use

```
home-manager.users.jane = { config.config = "foo"; };
```

- The services.compton module has been deprecated and instead the new module services.picom should be used. This is because Nixpkgs no longer packages compton, and instead packages the (mostly) compatible fork called picom.
- The list form of the [programs.ssh.matchBlocks](#) option has been deprecated and configurations requiring match blocks in a defined order should switch to using DAG entries instead. For example, a configuration

```
programs.ssh.matchBlocks = [
{
  host = "alpha.foo.com";
  user = "jd";
}
{
  host = "*.foo.com";
  user = "john.doe";
}
];
```

can be expressed along the lines of

```
programs.ssh.matchBlocks = {
  ".example.com" = {
```

```
    user = "john.doe";
}
"alpha.example.com" = lib.hm.dag.entryBefore ["*.example.com"] {
    user = "jd";
}
};
```

Support for the list form will be removed in Home Manager version 20.09.

State Version Changes

The state version in this release includes the changes below. These changes are only active if the `home.stateVersion` option is set to "20.03" or later.

- The `programs.zsh.history.path` option is no longer prepended by `$HOME`, which allows specifying absolute paths, for example, using the `xdg` module. Also, the default value is fixed to `$HOME/.zsh_history` and `dotDir` path is not prepended to it anymore.
- The `newsboat` module will now default in displaying queries before `urls` in its main window. This makes sense in the case when one has a lot of URLs and few queries.

Release 19.09

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The 19.09 release branch became the stable branch in October, 2019.

Highlights

This release has the following notable changes:

- The `programs.firefox.enableGoogleTalk` and `programs.firefox.enableIcedTea` options are now deprecated and will only work if Firefox ESR 52.x is used.
- The `home-manager` tool now provides an `uninstall` sub-command that can be used to uninstall Home Manager, if used in the standalone mode. That is, not as a NixOS module.

State Version Changes

The state version in this release includes the changes below. These changes are only active if the `home.stateVersion` option is set to "19.09" or later.

- The `programs.firefox.package` option now expects a wrapped Firefox package and defaults to `pkgs.firefox`.
- The options `home.keyboard.layout` and `home.keyboard.variant` now default to `null`, which indicates that the system value should be used.

Release 19.03

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Highlights

State Version Changes

The 19.03 release branch became the stable branch in April, 2019.

Highlights

This release has the following notable changes:

- The `home.file.name.source` option now allows source files to be hidden, that is, having a name starting with the `.` character. It also allows the source file name to contain characters not typically allowed for Nix store paths. For example, your configuration can now contain things such as

```
home.file."my file".source = ./ + "/file with spaces!";
```

- The type used for the systemd unit options under `systemd.user.sockets`, etc. has been changed to offer more robust merging of configurations. If you don't override values within systemd units then you are not affected by this change. Unfortunately, if you do override unit values you may encounter errors.

In particular, if you get an error saying that a “unique option” is “defined multiple times” then you need to use the `mkForce` function. For example,

```
systemd.user.services.foo.Service.ExecStart = "/foo/bar";
```

becomes

```
systemd.user.services.foo.Service.ExecStart = lib.mkForce "/foo/bar";
```

We had to make this change because the old merging was causing too many confusing situations for people.

State Version Changes

The state version in this release includes the changes below. These changes are only active if the `home.stateVersion` option is set to “19.03” or later.

- There is now an option `programs.beets.enable` that defaults to `false`. Before the module would be active if the `programs.beets.settings` option was non-empty.

Release 18.09

The 18.09 release branch became the stable branch in September, 2018.

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Home Manager Manual

Version 24.05 (unstable)

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Preface

This manual will eventually describe how to install, use, and extend Home Manager.

If you encounter problems then please reach out on the IRC channel [#home-manager](#) hosted by [OFTC](#). There is also a [Matrix room](#), which is bridged to the IRC channel. If your problem is caused by a bug in Home Manager then it should be reported on the [Home Manager issue tracker](#).

Commands prefixed with `$ sudo` have to be run as root, either requiring to login as root user or temporarily switching to it using `sudo` for example.

Installing Home Manager

Home Manager can be used in three primary ways:

1. Using the standalone `home-manager` tool. For platforms other than NixOS and Darwin, this is the only available choice. It is also recommended for people on NixOS or Darwin that want to manage their home directory independently of the system as a whole. See [Standalone installation](#) for instructions on how to perform this installation.
2. As a module within a NixOS system configuration. This allows the user profiles to be built together with the system when running `nixos-rebuild`. See [NixOS module](#) for a description of this setup.
3. As a module within a `nix-darwin` system configuration. This allows the user profiles to be built together with the system when running `darwin-rebuild`. See [nix-darwin module](#) for a description of this setup.

In this chapter we describe how to install Home Manager in the standard way using channels. If you prefer to use [Nix Flakes](#) then please see the instructions in [nix flakes](#).

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Standalone installation

1. Make sure you have a working Nix installation. Specifically, make sure that your user is able to build and install Nix packages. For example, you should be able to successfully run a command like `nix-instantiate '<nixpkgs>' -A hello` without having to switch to the root user. For a multi-user install of Nix this means that your user must be covered by the allowed-users Nix option. On NixOS you can control this option using the nix.settings.allowed-users system option.
2. Add the appropriate Home Manager channel. If you are following Nixpkgs master or an unstable channel you can run

```
$ nix-channel --add https://github.com/nix-community/home-manager/archive/master  
$ nix-channel --update
```

and if you follow a Nixpkgs version 23.11 channel you can run

```
$ nix-channel --add https://github.com/nix-community/home-manager/archive/release  
$ nix-channel --update
```

3. Run the Home Manager installation command and create the first Home Manager generation:

```
$ nix-shell '<home-manager>' -A install
```

Once finished, Home Manager should be active and available in your user environment.

4. If you do not plan on having Home Manager manage your shell configuration then you must source the

```
$HOME/.nix-profile/etc/profile.d/hm-session-vars.sh
```

file in your shell configuration. Alternatively source

```
/etc/profiles/per-user/$USER/etc/profile.d/hm-session-vars.sh
```

when managing home configuration together with system configuration.

This file can be sourced directly by POSIX.2-like shells such as [Bash](#) or [Z shell](#). [Fish](#) users can use utilities such as [foreign-env](#) or [babelfish](#).

For example, if you use Bash then add

```
. "$HOME/.nix-profile/etc/profile.d/hm-session-vars.sh"
```

to your `~/.profile` file.

If instead of using channels you want to run Home Manager from a Git checkout of the repository then you can use the [home-manager.path](#) option to specify the absolute path to the repository.

Once installed you can see [Using Home Manager](#) for a more detailed description of Home Manager and how to use it.

NixOS module

Home Manager provides a NixOS module that allows you to prepare user environments directly from the system configuration file, which often is more convenient than using the `home-manager` tool. It also opens up additional possibilities, for example, to automatically configure user environments in NixOS declarative containers or on systems deployed through NixOps.

To make the NixOS module available for use you must import it into your system configuration. This is most conveniently done by adding a Home Manager channel to the root user. For example, if you are following Nixpkgs master or an unstable channel, you can run

```
$ sudo nix-channel --add https://github.com/nix-community/home-manager/archive/master
$ sudo nix-channel --update
```

and if you follow a Nixpkgs version 23.11 channel, you can run

```
$ sudo nix-channel --add https://github.com/nix-community/home-manager/archive/rele  
$ sudo nix-channel --update
```

It is then possible to add

```
imports = [ <home-manager/nixos> ];
```

to your system `configuration.nix` file, which will introduce a new NixOS option called `home-manager.users` whose type is an attribute set that maps user names to Home Manager configurations.

For example, a NixOS configuration may include the lines

```
users.users.eve.isNormalUser = true;  
home-manager.users.eve = { pkgs, ... }: {  
    home.packages = [ pkgs.atool pkgs.httpie ];  
    programs.bash.enable = true;  
  
    # The state version is required and should stay at the version you  
    # originally installed.  
    home.stateVersion = "23.11";  
};
```

and after a `sudo nixos-rebuild switch` the user `eve`'s environment should include a basic Bash configuration and the packages `atool` and `httpie`.

If `nixos-rebuild switch` does not result in the environment you expect, you can take a look at the output of the Home Manager activation script output using

```
$ systemctl status "home-manager-$USER.service"
```

If you do not plan on having Home Manager manage your shell configuration then you must add either

```
. "$HOME/.nix-profile/etc/profile.d/hm-session-vars.sh"
```

or

```
. "/etc/profiles/per-user/$USER/etc/profile.d/hm-session-vars.sh"
```

to your shell configuration, depending on whether `home-manager.useUserPackages` is enabled. This file can be sourced directly by POSIX.2-like shells such as Bash or Z shell. Fish users can use utilities such as foreign-env or babelfish.

By default packages will be installed to \$HOME/.nix-profile but they can be installed to /etc/profiles if

```
home-manager.useUserPackages = true;
```

is added to the system configuration. This is necessary if, for example, you wish to use nixos-rebuild build-vm. This option may become the default value in the future.

By default, Home Manager uses a private pkgs instance that is configured via the home-manager.users.<name>.nixpkgs options. To instead use the global pkgs that is configured via the system level nixpkgs options, set

```
home-manager.useGlobalPkgs = true;
```

This saves an extra Nixpkgs evaluation, adds consistency, and removes the dependency on NIX_PATH, which is otherwise used for importing Nixpkgs.

Home Manager will pass `osConfig` as a module argument to any modules you create. This contains the system's NixOS configuration.

```
{ lib, pkgs, osConfig, ... }:
```

Once installed you can see [Using Home Manager](#) for a more detailed description of Home Manager and how to use it.

nix-darwin module

Home Manager provides a module that allows you to prepare user environments directly from the [nix-darwin](#) configuration file, which often is more convenient than using the `home-manager` tool.

To make the NixOS module available for use you must import it into your system configuration. This is most conveniently done by adding a Home Manager channel. For example, if you are following Nixpkgs master or an unstable channel, you can run

```
$ nix-channel --add https://github.com/nix-community/home-manager/archive/master.ti  
$ nix-channel --update
```

and if you follow a Nixpkgs version 23.11 channel, you can run

```
$ nix-channel --add https://github.com/nix-community/home-manager/archive/release-  
$ nix-channel --update
```

It is then possible to add

```
imports = [ <home-manager/nix-darwin> ];
```

to your `nix-darwin configuration.nix` file, which will introduce a new NixOS option called `home-`

manager whose type is an attribute set that maps user names to Home Manager configurations.

For example, a nix-darwin configuration may include the lines

```
users.users.eve = {  
    name = "eve";  
    home = "/Users/eve";  
};  
home-manager.users.eve = { pkgs, ... }: {  
    home.packages = [ pkgs.atool pkgs.httpie ];  
    programs.bash.enable = true;  
  
    # The state version is required and should stay at the version you  
    # originally installed.  
    home.stateVersion = "23.11";  
};
```

and after a darwin-rebuild switch the user eve's environment should include a basic Bash configuration and the packages atool and httpie.

If you do not plan on having Home Manager manage your shell configuration then you must add either

```
. "$HOME/.nix-profile/etc/profile.d/hm-session-vars.sh"
```

or

```
. "/etc/profiles/per-user/$USER/etc/profile.d/hm-session-vars.sh"
```

to your shell configuration, depending on whether `home-manager.useUserPackages` is enabled. This file can be sourced directly by POSIX.2-like shells such as Bash or Z shell. Fish users can use utilities such as foreign-env or babelfish.

By default user packages will not be ignored in favor of environment.systemPackages, but they will be installed to /etc/profiles/per-

`user/$USERNAME if`

```
home-manager.useUserPackages = true;
```

is added to the nix-darwin configuration. This option may become the default value in the future.

By default, Home Manager uses a private pkgs instance that is configured via the home-manager.users.<name>.nixpkgs options. To instead use the global pkgs that is configured via the system level nixpkgs options, set

```
home-manager.useGlobalPkgs = true;
```

This saves an extra Nixpkgs evaluation, adds consistency, and removes the dependency on NIX_PATH, which is otherwise used for importing Nixpkgs.

Home Manager will pass osConfig as a module argument to any modules you create. This contains the system's nix-darwin configuration.

```
{ lib, pkgs, osConfig, ... }:
```

Once installed you can see [Using Home Manager](#) for a more detailed description of Home Manager and how to use it.

Using Home Manager

Your use of Home Manager is centered around the configuration file, which is typically found at

`~/.config/home-manager/home.nix` in the standard installation or `~/.config/home-manager/flake.nix` in a Nix flake based installation.

The default configuration used to be placed in `~/.config/nixpkgs`, so you may see references to that elsewhere. The old directory still works but Home Manager will print a warning message when used.

This configuration file can be *built* and *activated*.

Building a configuration produces a directory in the Nix store that contains all files and programs that should be available in your home directory and Nix user profile, respectively. The build step also checks that the configuration is valid and it will fail with an error if you, for example, assign a value to an option that does not exist or assign a value of the wrong type. Some modules also have custom assertions that perform more detailed, module specific, checks.

Concretely, if your configuration contains

```
programs.emacs.enable = "yes";
```

then building it, for example using `home-manager build`, will result in an error message saying something like

```
$ home-manager build
error: A definition for option `programs.emacs.enable' is not of type `boolean'. De
- In `/home/jdoe/.config/home-manager/home.nix': "yes"
(use '--show-trace' to show detailed location information)
```

The message indicates that you must provide a Boolean value for this option, that is, either true or false. The documentation of each option will state the expected type, for [programs.emacs.enable](#) you will see “Type: boolean”. You there also find information about the default value and a description of the option. You can find the complete option documentation in [Home Manager Configuration Options](#) or directly in the terminal by running

```
man home-configuration.nix
```

Once a configuration is successfully built, it can be activated. The activation performs the steps necessary to make the files, programs, and services available in your user environment. The `home-manager switch` command performs a combined build and activation.

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Configuration Example

A fresh install of Home Manager will generate a minimal `~/.config/home-manager/home.nix` file containing something like

```
{ config, pkgs, ... }:

{
  # Home Manager needs a bit of information about you and the
  # paths it should manage.
  home.username = "jdoe";
  home.homeDirectory = "/home/jdoe";

  # This value determines the Home Manager release that your
  # configuration is compatible with. This helps avoid breakage
  # when a new Home Manager release introduces backwards
  # incompatible changes.
  #
  # You can update Home Manager without changing this value. See
  # the Home Manager release notes for a list of state version
  # changes in each release.
  home.stateVersion = "23.11";
```

```
# Let Home Manager install and manage itself.  
programs.home-manager.enable = true;  
}
```

You can use this as a base for your further configurations.

If you are not very familiar with the Nix language and NixOS modules then it is encouraged to start with small and simple changes. As you learn you can gradually grow the configuration with confidence.

As an example, let us expand the initial configuration file to also install the htop and fortune packages, install Emacs with a few extra packages available, and enable the user gpg-agent service.

To satisfy the above setup we should elaborate the `home.nix` file as follows:

```
{ config, pkgs, ... }:  
  
{  
  # Home Manager needs a bit of information about you and the  
  # paths it should manage.  
  home.username = "jdoe";  
  home.homeDirectory = "/home/jdoe";  
  
  # Packages that should be installed to the user profile.  
  home.packages = [  
    pkgs.htop  
    pkgs.fortune  
  ];  
  
  # This value determines the Home Manager release that your  
  # configuration is compatible with. This helps avoid breakage  
  # when a new Home Manager release introduces backwards  
  # incompatible changes.  
  #  
  # You can update Home Manager without changing this value. See  
  # the Home Manager release notes for a list of state version  
  # changes in each release.
```

```
home.stateVersion = "23.11";

# Let Home Manager install and manage itself.
programs.home-manager.enable = true;

programs.emacs = {
    enable = true;
    extraPackages = epkgs: [
        epkgs.nix-mode
        epkgs.magit
    ];
};

services.gpg-agent = {
    enable = true;
    defaultCacheTtl = 1800;
    enableSshSupport = true;
};
}
```

- Nixpkgs packages can be installed to the user profile using [home.packages](#).
- The option names of a program module typically start with `programs.<package name>`.
- Similarly, for a service module, the names start with `services.<package name>`. Note in some cases a package has both programs *and* service options – Emacs is such an example.

To activate this configuration you can run

```
home-manager switch
```

or if you are not feeling so lucky,

```
home-manager build
```

which will create a result link to a directory containing an activation script and the generated home directory files.

Rollbacks

While the `home-manager` tool does not explicitly support rollbacks at the moment it is relatively easy to perform one manually. The steps to do so are

1. Run `home-manager generations` to determine which generation you wish to rollback to:

```
$ home-manager generations
2018-01-04 11:56 : id 765 -> /nix/store/kahm1rxk77mnvd2l8pfvd4jkkffk5ijk-home-
2018-01-03 10:29 : id 764 -> /nix/store/2wsmsliqr5yynqkdyjzb1y57pr5q2lsj-home-
2018-01-01 12:21 : id 763 -> /nix/store/mv960kl9chn2lal5q8lnqdp1ygxngcd1-home-
2017-12-29 21:03 : id 762 -> /nix/store/6c0k1r03fxckql4vgqcn9ccb616ynb94-home-
2017-12-25 18:51 : id 761 -> /nix/store/czc5y6vi1rvnkfv83cs3rn84jarcgsgh-home-
...
...
```

2. Copy the Nix store path of the generation you chose, e.g.,

```
/nix/store/mv960kl9chn2lal5q8lnqdp1ygxngcd1-home-manager-generation
```

for generation 763.

3. Run the `activate` script inside the copied store path:

```
$ /nix/store/mv960kl9chn2lal5q8lnqdp1ygxngcd1-home-manager-generation/activate
Starting home manager activation
...
...
```

Keeping your ~ safe from harm

To configure programs and services Home Manager must write various things to your home directory. To prevent overwriting any existing files when switching to a new generation, Home Manager will attempt to detect collisions between existing files and generated files. If any such collision is detected the activation will terminate before changing anything on your computer.

For example, suppose you have a wonderful, painstakingly created `~/ .config/git/config` and add

```
{  
  # ...  
  
  programs.git = {  
    enable = true;  
    userName = "Jane Doe";  
    userEmail = "jane.doe@example.org";  
  };  
  
  # ...  
}
```

to your configuration. Attempting to switch to the generation will then result in

```
$ home-manager switch  
...  
Activating checkLinkTargets  
Existing file '/home/jdoe/.config/git/config' is in the way  
Please move the above files and try again
```

Graphical services

Home Manager includes a number of services intended to run in a graphical session, for example `xscreensaver` and `dunst`. Unfortunately, such services will not be started automatically unless you let Home Manager start your X session. That is, you have something like

```
{  
  # ...  
  
  services.xserver.enable = true;
```

```
# ...
}
```

in your system configuration and

```
{
  # ...

  xsession.enable = true;
  xsession.windowManager.command = "...";

  # ...
}
```

in your Home Manager configuration.

Updating

If you have installed Home Manager using the Nix channel method then updating Home Manager is done by first updating the channel. You can then switch to the updated Home Manager environment.

```
$ nix-channel --update
...
unpacking channels...
$ home-manager switch
```

Nix Flakes

Home Manager is compatible with [Nix Flakes](#). But please be aware that this support is still experimental and may change in backwards incompatible ways.

Just like in the standard installation you can use the Home Manager flake in three ways:

1. Using the standalone `home-manager` tool. For platforms other than NixOS and Darwin, this is the only available choice. It is also recommended for people on NixOS or Darwin that want to manage their home directory independently of the system as a whole. See [Standalone setup](#) for instructions on how to perform this installation.
2. As a module within a NixOS system configuration. This allows the user profiles to be built together with the system when running `nixos-rebuild`. See [NixOS module](#) for a description of this setup.
3. This allows the user profiles to be built together with the system when running `darwin-rebuild`. See [nix-darwin module](#) for a description of this setup.

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Prerequisites

- Install Nix 2.4 or later, or have it in `nix-shell`.
- Enable experimental features `nix-command` and `flakes`.
 - When using NixOS, add the following to your `configuration.nix` and rebuild your system.

```
nix = {
  package = pkgs.nixFlakes;
  extraOptions = ''
    experimental-features = nix-command flakes
  '';
};
```

- If you are not using NixOS, add the following to `nix.conf` (located at `~/.config/nix/` or `/etc/nix/nix.conf`).

```
experimental-features = nix-command flakes
```

You may need to restart the Nix daemon with, for example, `sudo systemctl restart nix-daemon.service`.

- Alternatively, you can enable flakes on a per-command basis with the following additional flags to `nix` and `home-manager`:

```
$ nix --extra-experimental-features "nix-command flakes" <sub-commands>
$ home-manager --extra-experimental-features "nix-command flakes" <sub-cor
```

- Prepare your Home Manager configuration (`home.nix`).

Unlike the channel-based setup, `home.nix` will be evaluated when the flake is built, so it must be present before bootstrap of Home Manager from the flake. See [Configuration Example](#) for introduction about writing a Home Manager configuration.

Standalone setup

To prepare an initial Home Manager configuration for your logged in user, you can run the Home Manager `init` command directly from its flake.

For example, if you are using the unstable version of Nixpkgs or NixOS, then to generate and activate a basic configuration run the command

```
$ nix run home-manager/master -- init --switch
```

For Nixpkgs or NixOS version 23.11 run

```
$ nix run home-manager/release-23.11 -- init --switch
```

This will generate a `flake.nix` and a `home.nix` file in `~/.config/home-manager`, creating the directory if it does not exist.

If you omit the `--switch` option then the activation will not happen. This is useful if you want to inspect and edit the configuration before activating it.

```
$ nix run home-manager/$branch -- init  
$ # Edit files in ~/.config/home-manager  
$ nix run home-manager/$branch -- init --switch
```

Where `$branch` is one of `master` or `release-23.11`.

After the initial activation has completed successfully then building and activating your flake-based configuration is as simple as

```
$ home-manager switch
```

It is possible to override the default configuration directory, if you want. For example,

```
$ nix run home-manager/$branch -- init --switch ~/hmconf  
$ # And after the initial activation.  
$ home-manager switch --flake ~/hmconf
```

The flake inputs are not automatically updated by Home Manager. You need to use the standard `nix flake update` command for that.

If you only want to update a single flake input, then the command `nix flake lock --update-input <input>` can be used.

You can also pass flake-related options such as `--recreate-lock-file` or `--update-input <input>` to `home-manager` when building or switching, and these options will be forwarded to `nix build`. See the [NixOS Wiki page](#) for details.

NixOS module

To use Home Manager as a NixOS module, a bare-minimum `flake.nix` would be as follows:

```
{  
  description = "NixOS configuration";  
  
  inputs = {  
    nixpkgs.url = "github:nixos/nixpkgs/nixos-unstable";  
    home-manager.url = "github:nix-community/home-manager";  
    home-manager.inputs.nixpkgs.follows = "nixpkgs";  
  };  
  
  outputs = inputs@{ nixpkgs, home-manager, ... }: {  
    nixosConfigurations = {  
      hostname = nixpkgs.lib.nixosSystem {  
        system = "x86_64-linux";  
        modules = [  
          ./configuration.nix  
          home-manager.nixosModules.home-manager  
          {  
            home-manager.useGlobalPkgs = true;  
            home-manager.useUserPackages = true;  
            home-manager.users.jdoe = import ./home.nix;  
  
            # Optionally, use home-manager.extraSpecialArgs to pass  
            # arguments to home.nix  
          }  
        ];  
      };  
    };  
  };  
};
```

}

The Home Manager configuration is then part of the NixOS configuration and is automatically rebuilt with the system when using the appropriate command for the system, such as `nixos-rebuild switch --flake <flake-uri>`.

You can use the above `flake.nix` as a template in `/etc/nixos` by

```
$ nix flake new /etc/nixos -t github:nix-community/home-manager#nixos
```

nix-darwin module

The flake-based setup of the Home Manager nix-darwin module is similar to that of NixOS. The `flake.nix` would be:

```
{  
  description = "Darwin configuration";  
  
  inputs = {  
    nixpkgs.url = "github:nixos/nixpkgs/nixos-unstable";  
    darwin.url = "github:lnl7/nix-darwin";  
    darwin.inputs.nixpkgs.follows = "nixpkgs";  
    home-manager.url = "github:nix-community/home-manager";  
    home-manager.inputs.nixpkgs.follows = "nixpkgs";  
  };  
  
  outputs = inputs@{ nixpkgs, home-manager, darwin, ... }: {  
    darwinConfigurations = {  
      hostname = darwin.lib.darwinSystem {  
        system = "x86_64-darwin";  
        modules = [  
          ./configuration.nix  
          home-manager.darwinModules.home-manager  
        {  
          home-manager.useGlobalPkgs = true;  
          home-manager.useUserPackages = true;  
        }  
      };  
    };  
  };  
};
```

```
home-manager.users.jdoe = import ./home.nix;

# Optionally, use home-manager.extraSpecialArgs to pass
# arguments to home.nix
}

];
};

};

};

}
```

and it is also rebuilt with the nix-darwin generations. The rebuild command here may be darwin-rebuild switch --flake <flake-uri>.

You can use the above flake.nix as a template in ~/ .config/darwin by

```
$ nix flake new ~/.config/darwin -t github:nix-community/home-manager#nix-darwin
```

Writing Home Manager Modules

The module system in Home Manager is based entirely on the NixOS module system so we will here only highlight aspects that are specific for Home Manager. For information about the module system as such please refer to the [Writing NixOS Modules](#) chapter of the NixOS manual.

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[Option Types](#)

Option Types

Overall the basic option types are the same in Home Manager as NixOS. A few Home Manager options, however, make use of custom types that are worth describing in more detail. These are the option types `dagOf` and `gvariant` that are used, for example, by [programs.ssh.matchBlocks](#) and [dconf.settings](#).

`hm.types.dagOf`

Options of this type have attribute sets as values where each member is a node in a [directed acyclic graph](#) (DAG). This allows the attribute set entries to express dependency relations among themselves. This can, for example, be used to control the order of match blocks in a OpenSSH client configuration or the order of activation script blocks in [home.activation](#).

A number of functions are provided to create DAG nodes. The functions are shown below with examples using an option `foo.bar` of type `hm.types.dagOf types.int`.

```
hm.dag.entryAnywhere (value: T) : DagEntry<T>
```

Indicates that `value` can be placed anywhere within the DAG. This is also the default for plain attribute set entries, that is

```
foo.bar = {  
    a = hm.dag.entryAnywhere 0;  
}
```

and

```
foo.bar = {  
    a = 0;  
}
```

are equivalent.

```
hm.dag.entryAfter (afters: list string) (value: T) : DagEntry<T>
```

Indicates that `value` must be placed *after* each of the attribute names in the given list. For example

```
foo.bar = {  
    a = 0;
```

```
b = hm.dag.entryAfter [ "a" ] 1;  
}
```

would place b after a in the graph.

`hm.dag.entryBefore (befores: list string) (value: T) : DagEntry<T>`

Indicates that value must be placed *before* each of the attribute names in the given list.
For example

```
foo.bar = {  
    b = hm.dag.entryBefore [ "a" ] 1;  
    a = 0;  
}
```

would place b before a in the graph.

`hm.dag.entryBetween (befores: list string) (afters: list string) (value: T) : DagEntry<T>`

Indicates that value must be placed *before* the attribute names in the first list and *after* the attribute names in the second list. For example

```
foo.bar = {  
    a = 0;  
    c = hm.dag.entryBetween [ "b" ] [ "a" ] 2;  
    b = 1;  
}
```

would place c before b and after a in the graph.

There are also a set of functions that generate a DAG from a list. These are convenient when you just want to have a linear list of DAG entries, without having to manually enter the relationship between each entry. Each of these functions take a tag as argument and the DAG entries will be named `#{tag}-#{index}`.

`hm.dag.entriesAnywhere (tag: string) (values: [T]) : Dag<T>`

Creates a DAG with the given values with each entry labeled using the given tag. For

example

```
foo.bar = hm.dag.entriesAnywhere "a" [ 0 1 ];
```

is equivalent to

```
foo.bar = {  
    a-0 = 0;  
    a-1 = hm.dag.entryAfter [ "a-0" ] 1;  
}
```

```
hm.dag.entriesAfter (tag: string) (afters: list string) (values: [T]) :  
Dag<T>
```

Creates a DAG with the given values with each entry labeled using the given tag. The list of values are placed are placed *after* each of the attribute names in afters. For example

```
foo.bar =  
{ b = 0; }  
// hm.dag.entriesAfter "a" [ "b" ] [ 1 2 ];
```

is equivalent to

```
foo.bar = {  
    b = 0;  
    a-0 = hm.dag.entryAfter [ "b" ] 1;  
    a-1 = hm.dag.entryAfter [ "a-0" ] 2;  
}
```

```
hm.dag.entriesBefore (tag: string) (befores: list string) (values: [T]) :  
Dag<T>
```

Creates a DAG with the given values with each entry labeled using the given tag. The list of values are placed *before* each of the attribute names in befores. For example

```
foo.bar =
{ b = 0; }
// hm.dag.entriesBefore "a" [ "b" ] [ 1 2 ];
```

is equivalent to

```
foo.bar = {
  b = 0;
  a-0 = 1;
  a-1 = hm.dag.entryBetween [ "b" ] [ "a-0" ] 2;
}
```

```
hm.dag.entriesBetween (tag: string) (befores: list string) (afters: list string) (values: [T]) : Dag<T>
```

Creates a DAG with the given values with each entry labeled using the given tag. The list of values are placed *before* each of the attribute names in *befores* and *after* each of the attribute names in *afters*. For example

```
foo.bar =
{ b = 0; c = 3; }
// hm.dag.entriesBetween "a" [ "b" ] [ "c" ] [ 1 2 ];
```

is equivalent to

```
foo.bar = {
  b = 0;
  c = 3;
  a-0 = hm.dag.entryAfter [ "c" ] 1;
  a-1 = hm.dag.entryBetween [ "b" ] [ "a-0" ] 2;
}
```

`hm.types.gvariant`

This type is useful for options representing [GVariant](#) values. The type accepts all primitive

GVariant types as well as arrays, tuples, “maybe” types, and dictionaries.

Some Nix values are automatically coerced to matching GVariant value but the GVariant model is richer so you may need to use one of the provided constructor functions. Examples assume an option `foo.bar` of type `hm.types.gvariant`.

`hm.gvariant.mkBoolean (v: bool)`

Takes a Nix value `v` to a GVariant boolean value (GVariant format string `b`). Note, Nix booleans are automatically coerced using this function. That is,

```
foo.bar = hm.gvariant.mkBoolean true;
```

is equivalent to

```
foo.bar = true;
```

`hm.gvariant.mkString (v: string)`

Takes a Nix value `v` to a GVariant string value (GVariant format string `s`). Note, Nix strings are automatically coerced using this function. That is,

```
foo.bar = hm.gvariant.mkString "a string";
```

is equivalent to

```
foo.bar = "a string";
```

`hm.gvariant.mkObjectpath (v: string)`

Takes a Nix value `v` to a GVariant objectpath value (GVariant format string `o`).

`hm.gvariant.mkUchar (v: string)`

Takes a Nix value `v` to a GVariant uchar value (GVariant format string `y`).

```
hm.gvariant.mkInt16 (v: int)
```

Takes a Nix value v to a GVariant int16 value (GVariant format string n).

```
hm.gvariant.mkUInt16 (v: int)
```

Takes a Nix value v to a GVariant uint16 value (GVariant format string q).

```
hm.gvariant.mkInt32 (v: int)
```

Takes a Nix value v to a GVariant int32 value (GVariant format string i). Note, Nix integers are automatically coerced using this function. That is,

```
foo.bar = hm.gvariant.mkInt32 7;
```

is equivalent to

```
foo.bar = 7;
```

```
hm.gvariant.mkUInt32 (v: int)
```

Takes a Nix value v to a GVariant uint32 value (GVariant format string u).

```
hm.gvariant.mkInt64 (v: int)
```

Takes a Nix value v to a GVariant int64 value (GVariant format string x).

```
hm.gvariant.mkUInt64 (v: int)
```

Takes a Nix value v to a GVariant uint64 value (GVariant format string t).

```
hm.gvariant.mkDouble (v: double)
```

Takes a Nix value v to a GVariant double value (GVariant format string d). Note, Nix floats are automatically coerced using this function. That is,

```
foo.bar = hm.gvariant.mkDouble 3.14;
```

is equivalent to

```
foo.bar = 3.14;
```

hm.gvariant.mkArray type elements

Builds a GVariant array containing the given list of elements, where each element is a GVariant value of the given type (GVariant format string a\${type}). The type value can be constructed using

- hm.gvariant.type.string (GVariant format string s)
- hm.gvariant.type.boolean (GVariant format string b)
- hm.gvariant.type uchar (GVariant format string y)
- hm.gvariant.type.int16 (GVariant format string n)
- hm.gvariant.type.uint16 (GVariant format string q)
- hm.gvariant.type.int32 (GVariant format string i)
- hm.gvariant.type.uint32 (GVariant format string u)
- hm.gvariant.type.int64 (GVariant format string x)
- hm.gvariant.type.uint64 (GVariant format string t)
- hm.gvariant.type.double (GVariant format string d)
- hm.gvariant.type.variant (GVariant format string v)
- hm.gvariant.type.arrayOf type (GVariant format string a\${type})
- hm.gvariant.type.maybeOf type (GVariant format string m\${type})
- hm.gvariant.type.tupleOf types (GVariant format string \${lib.concatStrings types}))
- hm.gvariant.type.dictionaryEntryOf [keyType valueType] (GVariant format string \${keyType}\${valueType}))

where type and types are themselves a type and list of types, respectively.

hm.gvariant.mkEmptyArray type

An alias of [hm.gvariant.mkArray_type \[\]](#).

hm.gvariant.mkNothing type

Builds a GVariant maybe value (GVariant format string `m${type}`) whose (non-existent) element is of the given type. The type value is constructed as described for the [mkArray](#) function above.

`hm.gvariant.mkJust element`

Builds a GVariant maybe value (GVariant format string `m${element.type}`) containing the given GVariant element.

`hm.gvariant.mkTuple elements`

Builds a GVariant tuple containing the given list of elements, where each element is a GVariant value.

`hm.gvariant.mkVariant element`

Builds a GVariant variant (GVariant format string `v`) which contains the value of a GVariant element.

`hm.gvariant.mkDictionaryEntry [key value]`

Builds a GVariant dictionary entry containing the given list of elements (GVariant format string `${key.type}${value.type}`), where each element is a GVariant value.

Contributing

Contributions to Home Manager are very welcome. To make the process as smooth as possible for both you and the Home Manager maintainers we provide some guidelines that we ask you to follow. See [Getting started](#) for information on how to set up a suitable development environment and [Guidelines](#) for the actual guidelines.

This text is mainly directed at those who would like to make code contributions to Home Manager. If you just want to report a bug then first look among the already [open issues](#), if you find one matching yours then feel free to comment on it to add any additional information you may have. If no matching issue exists then go to the [new issue](#) page and write a description of your problem. Include as much information as you can, ideally also include relevant excerpts from your Home Manager configuration.

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Getting started

If you have not previously forked Home Manager then you need to do that first. Have a look at GitHub's [Fork a repo](#) for instructions on how to do this.

Once you have a fork of Home Manager you should create a branch starting at the most recent master branch. Give your branch a reasonably descriptive name. Commit your changes to this branch and when you are happy with the result and it fulfills [Guidelines](#) then push the branch to GitHub and [create a pull request](#).

Assuming your clone is at `$HOME/devel/home-manager` then you can make the `home-manager` command use it by either

1. overriding the default path by using the `-I` command line option:

```
$ home-manager -I home-manager=$HOME/devel/home-manager
```

or, if using [flakes](#):

```
$ home-manager --override-input home-manager ~/devel/home-manager
```

or

2. changing the default path by ensuring your configuration includes

```
programs.home-manager.enable = true;  
programs.home-manager.path = "$HOME/devel/home-manager";
```

and running `home-manager switch` to activate the change. Afterwards, `home-manager build` and `home-manager switch` will use your cloned repository.

The first option is good if you only temporarily want to use your clone.

Guidelines

Maintain backward compatibility

Keep forward compatibility in mind

Add only valuable options

Add relevant tests

Add relevant documentation

Add yourself as a module maintainer

Format your code

Format your commit messages

Format your news entries

Use conditional modules and news

Mind the license

Commits

Example commit

Code Style

If your contribution satisfy the following rules then there is a good chance it will be merged without too much trouble. The rules are enforced by the Home Manager maintainers and to a lesser extent the Home Manager CI system.

If you are uncertain how these rules affect the change you would like to make then feel free to start a discussion in the [#home-manager](#) IRC channel, ideally before you start developing.

Maintain backward compatibility

Your contribution should not cause another user's existing configuration to break unless there is a very good reason and the change should be announced to the user through an [assertion](#) or similar.

Remember that Home Manager is used in many different environments and you should consider how your change may effect others. For example,

- Does your change work for people that do not use NixOS? Consider other GNU/Linux distributions and macOS.
- Does your change work for people whose configuration is built on one system and deployed on another system?

Keep forward compatibility in mind

The master branch of Home Manager tracks the unstable channel of Nixpkgs, which may update package versions at any time. It is therefore important to consider how a package update may affect your code and try to reduce the risk of breakage.

The most effective way to reduce this risk is to follow the advice in [Add only valuable options](#).

Add only valuable options

When creating a new module it is tempting to include every option supported by the software. This is *strongly* discouraged. Providing many options increases maintenance burden and risk of breakage considerably. This is why only the most [important software options](#) should be modeled explicitly. Less important options should be expressible through an `extraConfig` escape hatch.

A good rule of thumb for the first implementation of a module is to only add explicit options for those settings that absolutely must be set for the software to function correctly. It follows that a module for software that provides sensible default values for all settings would require no explicit options at all.

If the software uses a structured configuration format like a JSON, YAML,INI, TOML, or even a plain list of key/value pairs then consider using a `settings` option as described in [Nix RFC 42](#).

Add relevant tests

If at all possible, make sure to add new tests and expand existing tests so that your change will keep working in the future. See [Tests](#) for more information about the Home Manager test suite.

All contributed code *must* pass the test suite.

Add relevant documentation

Many code changes require changing the documentation as well. Module options should be documented with [Nixpkgs-flavoured Markdown](#). Home Manager is itself documented using a combination of [DocBook](#) and [AsciiDoc](#). All text is hosted in Home Manager's Git repository.

The HTML version of the manual containing both the module option descriptions and the documentation of Home Manager can be generated and opened by typing the following in a shell within a clone of the Home Manager Git repository:

```
$ nix-build -A docs.html  
$ xdg-open ./result/share/doc/home-manager/index.html
```

When you have made changes to a module, it is a good idea to check that the man page version of the module options looks good:

```
$ nix-build -A docs.manPages  
$ man ./result/share/man/man5/home-configuration.nix.5.gz
```

Add yourself as a module maintainer

Every new module *must* include a named maintainer using the `meta.maintainers` attribute. If you are a user of a module that currently lacks a maintainer then please consider adopting it.

If you are present in the `nixpkgs` maintainer list then you can use that entry. If you are not then you can add yourself to `modules/lib/maintainers.nix` in the Home Manager project.

Maintainers are encouraged to join the IRC or Matrix channel and participate when they have opportunity.

Format your code

Make sure your code is formatted as described in [Code Style](#). To maintain consistency throughout the project you are encouraged to browse through existing code and adopt its style also in new code.

Format your commit messages

Similar to [Format your code](#) we encourage a consistent commit message format as described in [Commits](#).

Format your news entries

If your contribution includes a change that should be communicated to users of Home Manager then you can add a news entry. The entry must be formatted as described in [News](#).

When new modules are added a news entry should be included but you do not need to create this entry manually. The merging maintainer will create the entry for you. This is to reduce the risk of merge conflicts.

Use conditional modules and news

Home Manager includes a number of modules that are only usable on some of the supported platforms. The most common example of platform specific modules are those that define systemd user services, which only works on Linux systems.

If you add a module that is platform specific then make sure to include a condition in the `loadModule` function call. This will make the module accessible only on systems where the condition evaluates to true.

Similarly, if you are adding a news entry then it should be shown only to users that may find it

relevant, see [News](#) for a description of conditional news.

Mind the license

The Home Manager project is covered by the MIT license and we can only accept contributions that fall under this license, or are licensed in a compatible way. When you contribute self written code and documentation it is assumed that you are doing so under the MIT license.

A potential gotcha with respect to licensing are option descriptions. Often it is convenient to copy from the upstream software documentation. When this is done it is important to verify that the license of the upstream documentation allows redistribution under the terms of the MIT license.

Commits

The commits in your pull request should be reasonably self-contained, that is, each commit should make sense in isolation. In particular, you will be asked to amend any commit that introduces syntax errors or similar problems even if they are fixed in a later commit.

The commit messages should follow the [seven rules](#), except for "Capitalize the subject line". We also ask you to include the affected code component or module in the first line. That is, a commit message should follow the template

```
{component}: {description}  
  
{long description}
```

where `{component}` refers to the code component (or module) your change affects, `{description}` is a very brief description of your change, and `{long description}` is an optional clarifying description. As a rare exception, if there is no clear component, or your change affects many components, then the `{component}` part is optional. See [example_title](#) for a commit message that fulfills these requirements.

Example commit

The commit [69f8e47e9e74c8d3d060ca22e18246b7f7d988ef](#) contains the commit message

starship: allow running in Emacs if vterm is used

The vterm buffer is backed by libvterm and can handle Starship prompts without issues.

which ticks all the boxes necessary to be accepted in Home Manager.

Finally, when adding a new module, say `programs/foo.nix`, we use the fixed commit format `foo: add module`. You can, of course, still include a long description if you wish.

Code Style

The code in Home Manager is formatted by the [nixfmt](#) tool and the formatting is checked in the pull request tests. Run the `format` tool inside the project repository before submitting your pull request.

Keep lines at a reasonable width, ideally 80 characters or less. This also applies to string literals.

We prefer `lowerCamelCase` for variable and attribute names with the accepted exception of variables directly referencing packages in Nixpkgs which use a hyphenated style. For example, the Home Manager option `services.gpg-agent.enableSshSupport` references the `gpg-agent` package in Nixpkgs.

News

Home Manager includes a system for presenting news to the user. When making a change you, therefore, have the option to also include an associated news entry. In general, a news entry should only be added for truly noteworthy news. For example, a bug fix or new option does generally not need a news entry.

If you do have a change worthy of a news entry then please add one in [news.nix](#) but you should follow some basic guidelines:

- The entry timestamp should be in ISO-8601 format having "+00:00" as time zone. For example, "2017-09-13T17:10:14+00:00". A suitable timestamp can be produced by the command

```
$ date --iso-8601=second --universal
```

- The entry condition should be as specific as possible. For example, if you are changing or deprecating a specific option then you could restrict the news to those users who actually use this option.
- Wrap the news message so that it will fit in the typical terminal, that is, at most 80 characters wide. Ideally a bit less.
- Unlike commit messages, news will be read without any connection to the Home Manager source code. It is therefore important to make the message understandable in isolation and to those who do not have knowledge of the Home Manager internals. To this end it should be written in more descriptive, prose like way.
- If you refer to an option then write its full attribute path. That is, instead of writing

```
The option 'foo' has been deprecated, please use 'bar' instead.
```

it should read

```
The option 'services.myservice.foo' has been deprecated, please  
use 'services.myservice.bar' instead.
```

- A new module, say foo.nix, should always include a news entry that has a message along the lines of

```
A new module is available: 'services.foo'.
```

If the module is platform specific, e.g., a service module using systemd, then a condition like

```
condition = hostPlatform.isLinux;
```

should be added. If you contribute a module then you don't need to add this entry, the merger

will create an entry for you.

Tests

Home Manager includes a basic test suite and it is highly recommended to include at least one test when adding a module. Tests are typically in the form of "golden tests" where, for example, a generated configuration file is compared to a known correct file.

It is relatively easy to create tests by modeling the existing tests, found in the `tests` project directory. For a full reference to the functions available in test scripts, you can look at NMT's [bash-lib](#).

The full Home Manager test suite can be run by executing

```
$ nix-shell --pure tests -A run.all
```

in the project root. List all test cases through

```
$ nix-shell --pure tests -A list
```

and run an individual test, for example `alacritty-empty-settings`, through

```
$ nix-shell --pure tests -A run.alacritty-empty-settings
```

However, those invocations will impurely source the system's `nixpkgs`, and may cause failures. To run against the `nixpkgs` from the `flake.lock`, use instead e.g.

```
$ nix develop --ignore-environment .#all
```

Third-Party Tools and Extensions

Here is a collection of tools and extensions that relate to Home Manager. Note, these are maintained outside the regular Home Manager flow so quality and support may vary wildly. If you encounter problems then please raise them in the corresponding project, not as issues in the Home Manager tracker.

If you have made something interesting related to Home Manager then you are encouraged to create a PR that expands this chapter.

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Module Collections

Module Collections

- [xhmm — extra Home Manager modules](#)

A collection of modules maintained by Anselm Schüler.

- [Stylix — System-wide colorscheming and typography](#)

Configure your applications to get coherent color scheme and font.

Frequently Asked Questions (FAQ)

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How do I install packages from `Nixpkgs unstable`?

How do I override the package used by a module?

Why is there a collision error when switching generation?

Home Manager currently installs packages into the user environment, precisely as if the packages were installed through `nix-env --install`. This means that you will get a collision error if your Home Manager configuration attempts to install a package that you already have installed manually, that is, packages that shows up when you run `nix-env --query`.

For example, imagine you have the `hello` package installed in your environment

```
$ nix-env --query  
hello-2.10
```

and your Home Manager configuration contains

```
home.packages = [ pkgs.hello ];
```

Then attempting to switch to this configuration will result in an error similar to

```
$ home-manager switch  
these derivations will be built:  
/nix/store/xg69wsnd1rp8xgs9qfsjal017nf0ldhm-home-manager-path.drv
```

[...]

```
Activating installPackages
replacing old 'home-manager-path'
installing 'home-manager-path'
building path(s) '/nix/store/b5c0asjz9f06l52l9812w6k39ifr49jj-user-environment'
Wide character in die at /nix/store/64jc9gd2rkgdb4yjx3nrgc91bpjj5ky-buildenv.pl l:
collision between '/nix/store/fmwa4axzghz11cnln5absh31nbhs9lq1-home-manager-path/b:
builder for '/nix/store/b37x3s7pxxbasfqhaca5dqbf3pjw0ip-user-environment.drv' fai:
error: build of '/nix/store/b37x3s7pxxbasfqhaca5dqbf3pjw0ip-user-environment.drv'
```

The solution is typically to uninstall the package from the environment using `nix-env --uninstall` and reattempt the Home Manager generation switch.

You could also opt to unistall *all* of the packages from your profile with `nix-env --uninstall '*'`.

Why are the session variables not set?

Home Manager is only able to set session variables automatically if it manages your Bash, Z shell, or fish shell configuration. To enable such management you use [programs.bash.enable](#), [programs.zsh.enable](#), or [programs.fish.enable](#).

If you don't want to let Home Manager manage your shell then you will have to manually source the `~/.nix-profile/etc/profile.d/hm-session-vars.sh` file in an appropriate way. In Bash and Z shell this can be done by adding

```
. "$HOME/.nix-profile/etc/profile.d/hm-session-vars.sh"
```

to your `.profile` and `.zshrc` files, respectively. The `hm-session-vars.sh` file should work in most Bourne-like shells. For fish shell, it is possible to source it using [the foreign-env plugin](#)

```
fenv source "$HOME/.nix-profile/etc/profile.d/hm-session-vars.sh" > /dev/null
```

How to set up a configuration for multiple

users/machines?

A typical way to prepare a repository of configurations for multiple logins and machines is to prepare one "top-level" file for each unique combination.

For example, if you have two machines, called "kronos" and "rhea" on which you want to configure your user "jane" then you could create the files

- `kronos-jane.nix`,
- `rhea-jane.nix`, and
- `common.nix`

in your repository. On the kronos and rhea machines you can then make `~jane/.config/home-manager/home.nix` be a symbolic link to the corresponding file in your configuration repository.

The `kronos-jane.nix` and `rhea-jane.nix` files follow the format

```
{ ... }:

{
  imports = [ ./common.nix ];

  # Various options that are specific for this machine/user.
}
```

while the `common.nix` file contains configuration shared across the two logins. Of course, instead of just a single `common.nix` file you can have multiple ones, even one per program or service.

You can get some inspiration from the [Post your home-manager home.nix file!](#) Reddit thread.

Why do I get an error message about `ca.desrt.dconf` or `dconf.service`?

You are most likely trying to configure something that uses dconf but the DBus session is not aware of the dconf service. The full error you might get is

```
error: GDBus.Error:org.freedesktop.DBus.Error.ServiceUnknown: The name ca.desrt.dco
```

or

```
error: GDBus.Error:org.freedesktop.systemd1.NoSuchUnit: Unit dconf.service not fou
```

The solution on NixOS is to add

```
programs.dconf.enable = true;
```

to your system configuration.

How do I install packages from Nixpkgs unstable?

If you are using a stable version of Nixpkgs but would like to install some particular packages from Nixpkgs unstable – or some other channel – then you can import the unstable Nixpkgs and refer to its packages within your configuration. Something like

```
{ pkgs, config, ... }:

let

  pkgsUnstable = import <nixpkgs-unstable> {};

in

{

  home.packages = [
    pkgsUnstable.foo
  ];
}
```

```
# ...  
}
```

should work provided you have a Nix channel called `nixpkgs-unstable`.

You can add the `nixpkgs-unstable` channel by running

```
$ nix-channel --add https://nixos.org/channels/nixpkgs-unstable nixpkgs-unstable  
$ nix-channel --update
```

Note, the package will not be affected by any package overrides, overlays, etc.

How do I override the package used by a module?

By default Home Manager will install the package provided by your chosen `nixpkgs` channel but occasionally you might end up needing to change this package. This can typically be done in two ways.

1. If the module provides a package option, such as `programs.beets.package`, then this is the recommended way to perform the override. For example,

```
programs.beets.package = pkgs.beets.override { enableCheck = true; };
```

2. If no package option is available then you can typically override the relevant package using an [overlay](#).

For example, if you want to use the `programs.skim` module but use the `skim` package from Nixpkgs unstable, then a configuration like

```
{ pkgs, config, ... }:  
  
let
```

```
pkgsUnstable = import <nixpkgs-unstable> {};  
  
in  
  
{  
  programs.skim.enable = true;  
  
  nixpkgs.overlays = [  
    (self: super: {  
      skim = pkgsUnstable.skim;  
    })  
  ];  
  
  # ...  
}
```

should work OK.

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Home Manager Manual

Version 24.05 (unstable)

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Preface

This manual will eventually describe how to install, use, and extend Home Manager.

If you encounter problems then please reach out on the IRC channel [#home-manager](#) hosted by [OFTC](#). There is also a [Matrix room](#), which is bridged to the IRC channel. If your problem is caused by a bug in Home Manager then it should be reported on the [Home Manager issue tracker](#).

Commands prefixed with `$ sudo` have to be run as root, either requiring to login as root user or temporarily switching to it using `sudo` for example.

Installing Home Manager

Home Manager can be used in three primary ways:

1. Using the standalone `home-manager` tool. For platforms other than NixOS and Darwin, this is the only available choice. It is also recommended for people on NixOS or Darwin that want to manage their home directory independently of the system as a whole. See [Standalone installation](#) for instructions on how to perform this installation.
2. As a module within a NixOS system configuration. This allows the user profiles to be built together with the system when running `nixos-rebuild`. See [NixOS module](#) for a description of this setup.
3. As a module within a `nix-darwin` system configuration. This allows the user profiles to be built together with the system when running `darwin-rebuild`. See [nix-darwin module](#) for a description of this setup.

In this chapter we describe how to install Home Manager in the standard way using channels. If you prefer to use [Nix Flakes](#) then please see the instructions in [nix flakes](#).

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Standalone installation

1. Make sure you have a working Nix installation. Specifically, make sure that your user is able to build and install Nix packages. For example, you should be able to successfully run a command like `nix-instantiate '<nixpkgs>' -A hello` without having to switch to the root user. For a multi-user install of Nix this means that your user must be covered by the allowed-users Nix option. On NixOS you can control this option using the nix.settings.allowed-users system option.
2. Add the appropriate Home Manager channel. If you are following Nixpkgs master or an unstable channel you can run

```
$ nix-channel --add https://github.com/nix-community/home-manager/archive/master  
$ nix-channel --update
```

and if you follow a Nixpkgs version 23.11 channel you can run

```
$ nix-channel --add https://github.com/nix-community/home-manager/archive/release-23.11  
$ nix-channel --update
```

3. Run the Home Manager installation command and create the first Home Manager generation:

```
$ nix-shell '<home-manager>' -A install
```

Once finished, Home Manager should be active and available in your user environment.

4. If you do not plan on having Home Manager manage your shell configuration then you must source the

```
$HOME/.nix-profile/etc/profile.d/hm-session-vars.sh
```

file in your shell configuration. Alternatively source

```
/etc/profiles/per-user/$USER/etc/profile.d/hm-session-vars.sh
```

when managing home configuration together with system configuration.

This file can be sourced directly by POSIX.2-like shells such as [Bash](#) or [Z shell](#). [Fish](#) users can use utilities such as [foreign-env](#) or [babelfish](#).

For example, if you use Bash then add

```
. "$HOME/.nix-profile/etc/profile.d/hm-session-vars.sh"
```

to your `~/.profile` file.

If instead of using channels you want to run Home Manager from a Git checkout of the repository then you can use the [home-manager.path](#) option to specify the absolute path to the repository.

Once installed you can see [Using Home Manager](#) for a more detailed description of Home Manager and how to use it.

NixOS module

Home Manager provides a NixOS module that allows you to prepare user environments directly from the system configuration file, which often is more convenient than using the `home-manager` tool. It also opens up additional possibilities, for example, to automatically configure user environments in NixOS declarative containers or on systems deployed through NixOps.

To make the NixOS module available for use you must import it into your system configuration. This is most conveniently done by adding a Home Manager channel to the root user. For example, if you are following Nixpkgs master or an unstable channel, you can run

```
$ sudo nix-channel --add https://github.com/nix-community/home-manager/archive/master
$ sudo nix-channel --update
```

and if you follow a Nixpkgs version 23.11 channel, you can run

```
$ sudo nix-channel --add https://github.com/nix-community/home-manager/archive/rele  
$ sudo nix-channel --update
```

It is then possible to add

```
imports = [ <home-manager/nixos> ];
```

to your system `configuration.nix` file, which will introduce a new NixOS option called `home-manager.users` whose type is an attribute set that maps user names to Home Manager configurations.

For example, a NixOS configuration may include the lines

```
users.users.eve.isNormalUser = true;  
home-manager.users.eve = { pkgs, ... }: {  
    home.packages = [ pkgs.atool pkgs.httpie ];  
    programs.bash.enable = true;  
  
    # The state version is required and should stay at the version you  
    # originally installed.  
    home.stateVersion = "23.11";  
};
```

and after a `sudo nixos-rebuild switch` the user `eve`'s environment should include a basic Bash configuration and the packages `atool` and `httpie`.

If `nixos-rebuild switch` does not result in the environment you expect, you can take a look at the output of the Home Manager activation script output using

```
$ systemctl status "home-manager-$USER.service"
```

If you do not plan on having Home Manager manage your shell configuration then you must add either

```
. "$HOME/.nix-profile/etc/profile.d/hm-session-vars.sh"
```

or

```
. "/etc/profiles/per-user/$USER/etc/profile.d/hm-session-vars.sh"
```

to your shell configuration, depending on whether `home-manager.useUserPackages` is enabled. This file can be sourced directly by POSIX.2-like shells such as Bash or Z shell. Fish users can use utilities such as foreign-env or babelfish.

By default packages will be installed to \$HOME/.nix-profile but they can be installed to /etc/profiles if

```
home-manager.useUserPackages = true;
```

is added to the system configuration. This is necessary if, for example, you wish to use nixos-rebuild build-vm. This option may become the default value in the future.

By default, Home Manager uses a private pkgs instance that is configured via the home-manager.users.<name>.nixpkgs options. To instead use the global pkgs that is configured via the system level nixpkgs options, set

```
home-manager.useGlobalPkgs = true;
```

This saves an extra Nixpkgs evaluation, adds consistency, and removes the dependency on NIX_PATH, which is otherwise used for importing Nixpkgs.

Home Manager will pass `osConfig` as a module argument to any modules you create. This contains the system's NixOS configuration.

```
{ lib, pkgs, osConfig, ... }:
```

Once installed you can see [Using Home Manager](#) for a more detailed description of Home Manager and how to use it.

nix-darwin module

Home Manager provides a module that allows you to prepare user environments directly from the [nix-darwin](#) configuration file, which often is more convenient than using the `home-manager` tool.

To make the NixOS module available for use you must import it into your system configuration. This is most conveniently done by adding a Home Manager channel. For example, if you are following Nixpkgs master or an unstable channel, you can run

```
$ nix-channel --add https://github.com/nix-community/home-manager/archive/master.ti  
$ nix-channel --update
```

and if you follow a Nixpkgs version 23.11 channel, you can run

```
$ nix-channel --add https://github.com/nix-community/home-manager/archive/release-  
$ nix-channel --update
```

It is then possible to add

```
imports = [ <home-manager/nix-darwin> ];
```

to your `nix-darwin configuration.nix` file, which will introduce a new NixOS option called `home-`

manager whose type is an attribute set that maps user names to Home Manager configurations.

For example, a nix-darwin configuration may include the lines

```
users.users.eve = {  
    name = "eve";  
    home = "/Users/eve";  
};  
home-manager.users.eve = { pkgs, ... }: {  
    home.packages = [ pkgs.atool pkgs.httpie ];  
    programs.bash.enable = true;  
  
    # The state version is required and should stay at the version you  
    # originally installed.  
    home.stateVersion = "23.11";  
};
```

and after a darwin-rebuild switch the user eve's environment should include a basic Bash configuration and the packages atool and httpie.

If you do not plan on having Home Manager manage your shell configuration then you must add either

```
. "$HOME/.nix-profile/etc/profile.d/hm-session-vars.sh"
```

or

```
. "/etc/profiles/per-user/$USER/etc/profile.d/hm-session-vars.sh"
```

to your shell configuration, depending on whether `home-manager.useUserPackages` is enabled. This file can be sourced directly by POSIX.2-like shells such as Bash or Z shell. Fish users can use utilities such as foreign-env or babelfish.

By default user packages will not be ignored in favor of environment.systemPackages, but they will be installed to /etc/profiles/per-

`user/$USERNAME if`

```
home-manager.useUserPackages = true;
```

is added to the nix-darwin configuration. This option may become the default value in the future.

By default, Home Manager uses a private pkgs instance that is configured via the home-manager.users.<name>.nixpkgs options. To instead use the global pkgs that is configured via the system level nixpkgs options, set

```
home-manager.useGlobalPkgs = true;
```

This saves an extra Nixpkgs evaluation, adds consistency, and removes the dependency on NIX_PATH, which is otherwise used for importing Nixpkgs.

Home Manager will pass osConfig as a module argument to any modules you create. This contains the system's nix-darwin configuration.

```
{ lib, pkgs, osConfig, ... }:
```

Once installed you can see [Using Home Manager](#) for a more detailed description of Home Manager and how to use it.

Using Home Manager

Your use of Home Manager is centered around the configuration file, which is typically found at

`~/.config/home-manager/home.nix` in the standard installation or `~/.config/home-manager/flake.nix` in a Nix flake based installation.

The default configuration used to be placed in `~/.config/nixpkgs`, so you may see references to that elsewhere. The old directory still works but Home Manager will print a warning message when used.

This configuration file can be *built* and *activated*.

Building a configuration produces a directory in the Nix store that contains all files and programs that should be available in your home directory and Nix user profile, respectively. The build step also checks that the configuration is valid and it will fail with an error if you, for example, assign a value to an option that does not exist or assign a value of the wrong type. Some modules also have custom assertions that perform more detailed, module specific, checks.

Concretely, if your configuration contains

```
programs.emacs.enable = "yes";
```

then building it, for example using `home-manager build`, will result in an error message saying something like

```
$ home-manager build
error: A definition for option `programs.emacs.enable' is not of type `boolean'. De
- In `/home/jdoe/.config/home-manager/home.nix': "yes"
(use '--show-trace' to show detailed location information)
```

The message indicates that you must provide a Boolean value for this option, that is, either true or false. The documentation of each option will state the expected type, for [programs.emacs.enable](#) you will see “Type: boolean”. You there also find information about the default value and a description of the option. You can find the complete option documentation in [Home Manager Configuration Options](#) or directly in the terminal by running

```
man home-configuration.nix
```

Once a configuration is successfully built, it can be activated. The activation performs the steps necessary to make the files, programs, and services available in your user environment. The `home-manager switch` command performs a combined build and activation.

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Configuration Example

A fresh install of Home Manager will generate a minimal `~/.config/home-manager/home.nix` file containing something like

```
{ config, pkgs, ... }:

{
  # Home Manager needs a bit of information about you and the
  # paths it should manage.
  home.username = "jdoe";
  home.homeDirectory = "/home/jdoe";

  # This value determines the Home Manager release that your
  # configuration is compatible with. This helps avoid breakage
  # when a new Home Manager release introduces backwards
  # incompatible changes.
  #
  # You can update Home Manager without changing this value. See
  # the Home Manager release notes for a list of state version
  # changes in each release.
  home.stateVersion = "23.11";
```

```
# Let Home Manager install and manage itself.  
programs.home-manager.enable = true;  
}
```

You can use this as a base for your further configurations.

If you are not very familiar with the Nix language and NixOS modules then it is encouraged to start with small and simple changes. As you learn you can gradually grow the configuration with confidence.

As an example, let us expand the initial configuration file to also install the htop and fortune packages, install Emacs with a few extra packages available, and enable the user gpg-agent service.

To satisfy the above setup we should elaborate the `home.nix` file as follows:

```
{ config, pkgs, ... }:  
  
{  
  # Home Manager needs a bit of information about you and the  
  # paths it should manage.  
  home.username = "jdoe";  
  home.homeDirectory = "/home/jdoe";  
  
  # Packages that should be installed to the user profile.  
  home.packages = [  
    pkgs.htop  
    pkgs.fortune  
  ];  
  
  # This value determines the Home Manager release that your  
  # configuration is compatible with. This helps avoid breakage  
  # when a new Home Manager release introduces backwards  
  # incompatible changes.  
  #  
  # You can update Home Manager without changing this value. See  
  # the Home Manager release notes for a list of state version  
  # changes in each release.
```

```
home.stateVersion = "23.11";

# Let Home Manager install and manage itself.
programs.home-manager.enable = true;

programs.emacs = {
    enable = true;
    extraPackages = epkgs: [
        epkgs.nix-mode
        epkgs.magit
    ];
};

services.gpg-agent = {
    enable = true;
    defaultCacheTtl = 1800;
    enableSshSupport = true;
};
}
```

- Nixpkgs packages can be installed to the user profile using [home.packages](#).
- The option names of a program module typically start with `programs.<package name>`.
- Similarly, for a service module, the names start with `services.<package name>`. Note in some cases a package has both programs *and* service options – Emacs is such an example.

To activate this configuration you can run

```
home-manager switch
```

or if you are not feeling so lucky,

```
home-manager build
```

which will create a result link to a directory containing an activation script and the generated home directory files.

Rollbacks

While the `home-manager` tool does not explicitly support rollbacks at the moment it is relatively easy to perform one manually. The steps to do so are

1. Run `home-manager generations` to determine which generation you wish to rollback to:

```
$ home-manager generations
2018-01-04 11:56 : id 765 -> /nix/store/kahm1rxk77mnvd2l8pfvd4jkkffk5ijk-home-
2018-01-03 10:29 : id 764 -> /nix/store/2wsmsliqr5yynqkdyjzb1y57pr5q2lsj-home-
2018-01-01 12:21 : id 763 -> /nix/store/mv960kl9chn2lal5q8lnqdp1ygxngcd1-home-
2017-12-29 21:03 : id 762 -> /nix/store/6c0k1r03fxckql4vgqcn9ccb616ynb94-home-
2017-12-25 18:51 : id 761 -> /nix/store/czc5y6vi1rvnkfv83cs3rn84jarcgsgh-home-
...
...
```

2. Copy the Nix store path of the generation you chose, e.g.,

```
/nix/store/mv960kl9chn2lal5q8lnqdp1ygxngcd1-home-manager-generation
```

for generation 763.

3. Run the `activate` script inside the copied store path:

```
$ /nix/store/mv960kl9chn2lal5q8lnqdp1ygxngcd1-home-manager-generation/activate
Starting home manager activation
...
...
```

Keeping your ~ safe from harm

To configure programs and services Home Manager must write various things to your home directory. To prevent overwriting any existing files when switching to a new generation, Home Manager will attempt to detect collisions between existing files and generated files. If any such collision is detected the activation will terminate before changing anything on your computer.

For example, suppose you have a wonderful, painstakingly created `~/ .config/git/config` and add

```
{  
  # ...  
  
  programs.git = {  
    enable = true;  
    userName = "Jane Doe";  
    userEmail = "jane.doe@example.org";  
  };  
  
  # ...  
}
```

to your configuration. Attempting to switch to the generation will then result in

```
$ home-manager switch  
...  
Activating checkLinkTargets  
Existing file '/home/jdoe/.config/git/config' is in the way  
Please move the above files and try again
```

Graphical services

Home Manager includes a number of services intended to run in a graphical session, for example `xscreensaver` and `dunst`. Unfortunately, such services will not be started automatically unless you let Home Manager start your X session. That is, you have something like

```
{  
  # ...  
  
  services.xserver.enable = true;
```

```
# ...
}
```

in your system configuration and

```
{
  # ...

  xsession.enable = true;
  xsession.windowManager.command = "...";

  # ...
}
```

in your Home Manager configuration.

Updating

If you have installed Home Manager using the Nix channel method then updating Home Manager is done by first updating the channel. You can then switch to the updated Home Manager environment.

```
$ nix-channel --update
...
unpacking channels...
$ home-manager switch
```

Nix Flakes

Home Manager is compatible with [Nix Flakes](#). But please be aware that this support is still experimental and may change in backwards incompatible ways.

Just like in the standard installation you can use the Home Manager flake in three ways:

1. Using the standalone `home-manager` tool. For platforms other than NixOS and Darwin, this is the only available choice. It is also recommended for people on NixOS or Darwin that want to manage their home directory independently of the system as a whole. See [Standalone setup](#) for instructions on how to perform this installation.
2. As a module within a NixOS system configuration. This allows the user profiles to be built together with the system when running `nixos-rebuild`. See [NixOS module](#) for a description of this setup.
3. This allows the user profiles to be built together with the system when running `darwin-rebuild`. See [nix-darwin module](#) for a description of this setup.

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Prerequisites

- Install Nix 2.4 or later, or have it in `nix-shell`.
- Enable experimental features `nix-command` and `flakes`.
 - When using NixOS, add the following to your `configuration.nix` and rebuild your system.

```
nix = {
  package = pkgs.nixFlakes;
  extraOptions = ''
    experimental-features = nix-command flakes
  '';
};
```

- If you are not using NixOS, add the following to `nix.conf` (located at `~/.config/nix/` or `/etc/nix/nix.conf`).

```
experimental-features = nix-command flakes
```

You may need to restart the Nix daemon with, for example, `sudo systemctl restart nix-daemon.service`.

- Alternatively, you can enable flakes on a per-command basis with the following additional flags to `nix` and `home-manager`:

```
$ nix --extra-experimental-features "nix-command flakes" <sub-commands>
$ home-manager --extra-experimental-features "nix-command flakes" <sub-cor
```

- Prepare your Home Manager configuration (`home.nix`).

Unlike the channel-based setup, `home.nix` will be evaluated when the flake is built, so it must be present before bootstrap of Home Manager from the flake. See [Configuration Example](#) for introduction about writing a Home Manager configuration.

Standalone setup

To prepare an initial Home Manager configuration for your logged in user, you can run the Home Manager `init` command directly from its flake.

For example, if you are using the unstable version of Nixpkgs or NixOS, then to generate and activate a basic configuration run the command

```
$ nix run home-manager/master -- init --switch
```

For Nixpkgs or NixOS version 23.11 run

```
$ nix run home-manager/release-23.11 -- init --switch
```

This will generate a `flake.nix` and a `home.nix` file in `~/.config/home-manager`, creating the directory if it does not exist.

If you omit the `--switch` option then the activation will not happen. This is useful if you want to inspect and edit the configuration before activating it.

```
$ nix run home-manager/$branch -- init  
$ # Edit files in ~/.config/home-manager  
$ nix run home-manager/$branch -- init --switch
```

Where `$branch` is one of `master` or `release-23.11`.

After the initial activation has completed successfully then building and activating your flake-based configuration is as simple as

```
$ home-manager switch
```

It is possible to override the default configuration directory, if you want. For example,

```
$ nix run home-manager/$branch -- init --switch ~/hmconf  
$ # And after the initial activation.  
$ home-manager switch --flake ~/hmconf
```

The flake inputs are not automatically updated by Home Manager. You need to use the standard `nix flake update` command for that.

If you only want to update a single flake input, then the command `nix flake lock --update-input <input>` can be used.

You can also pass flake-related options such as `--recreate-lock-file` or `--update-input <input>` to `home-manager` when building or switching, and these options will be forwarded to `nix build`. See the [NixOS Wiki page](#) for details.

NixOS module

To use Home Manager as a NixOS module, a bare-minimum `flake.nix` would be as follows:

```
{  
  description = "NixOS configuration";  
  
  inputs = {  
    nixpkgs.url = "github:nixos/nixpkgs/nixos-unstable";  
    home-manager.url = "github:nix-community/home-manager";  
    home-manager.inputs.nixpkgs.follows = "nixpkgs";  
  };  
  
  outputs = inputs@{ nixpkgs, home-manager, ... }: {  
    nixosConfigurations = {  
      hostname = nixpkgs.lib.nixosSystem {  
        system = "x86_64-linux";  
        modules = [  
          ./configuration.nix  
          home-manager.nixosModules.home-manager  
          {  
            home-manager.useGlobalPkgs = true;  
            home-manager.useUserPackages = true;  
            home-manager.users.jdoe = import ./home.nix;  
  
            # Optionally, use home-manager.extraSpecialArgs to pass  
            # arguments to home.nix  
          }  
        ];  
      };  
    };  
  };  
};
```

```
}
```

The Home Manager configuration is then part of the NixOS configuration and is automatically rebuilt with the system when using the appropriate command for the system, such as `nixos-rebuild switch --flake <flake-uri>`.

You can use the above `flake.nix` as a template in `/etc/nixos` by

```
$ nix flake new /etc/nixos -t github:nix-community/home-manager#nixos
```

nix-darwin module

The flake-based setup of the Home Manager nix-darwin module is similar to that of NixOS. The `flake.nix` would be:

```
{
  description = "Darwin configuration";

  inputs = {
    nixpkgs.url = "github:nixos/nixpkgs/nixos-unstable";
    darwin.url = "github:lnl7/nix-darwin";
    darwin.inputs.nixpkgs.follows = "nixpkgs";
    home-manager.url = "github:nix-community/home-manager";
    home-manager.inputs.nixpkgs.follows = "nixpkgs";
  };

  outputs = inputs@{ nixpkgs, home-manager, darwin, ... }: {
    darwinConfigurations = {
      hostname = darwin.lib.darwinSystem {
        system = "x86_64-darwin";
        modules = [
          ./configuration.nix
          home-manager.darwinModules.home-manager
        ]
        {
          home-manager.useGlobalPkgs = true;
          home-manager.useUserPackages = true;
        }
      };
    };
  };
}
```

```
home-manager.users.jdoe = import ./home.nix;

# Optionally, use home-manager.extraSpecialArgs to pass
# arguments to home.nix
}

];
};

};

};

}
```

and it is also rebuilt with the nix-darwin generations. The rebuild command here may be darwin-rebuild switch --flake <flake-uri>.

You can use the above flake.nix as a template in ~/ .config/darwin by

```
$ nix flake new ~/.config/darwin -t github:nix-community/home-manager#nix-darwin
```

Writing Home Manager Modules

The module system in Home Manager is based entirely on the NixOS module system so we will here only highlight aspects that are specific for Home Manager. For information about the module system as such please refer to the [Writing NixOS Modules](#) chapter of the NixOS manual.

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[Option Types](#)

Option Types

Overall the basic option types are the same in Home Manager as NixOS. A few Home Manager options, however, make use of custom types that are worth describing in more detail. These are the option types `dagOf` and `gvariant` that are used, for example, by [programs.ssh.matchBlocks](#) and [dconf.settings](#).

`hm.types.dagOf`

Options of this type have attribute sets as values where each member is a node in a [directed acyclic graph](#) (DAG). This allows the attribute set entries to express dependency relations among themselves. This can, for example, be used to control the order of match blocks in a OpenSSH client configuration or the order of activation script blocks in [home.activation](#).

A number of functions are provided to create DAG nodes. The functions are shown below with examples using an option `foo.bar` of type `hm.types.dagOf types.int`.

```
hm.dag.entryAnywhere (value: T) : DagEntry<T>
```

Indicates that `value` can be placed anywhere within the DAG. This is also the default for plain attribute set entries, that is

```
foo.bar = {  
    a = hm.dag.entryAnywhere 0;  
}
```

and

```
foo.bar = {  
    a = 0;  
}
```

are equivalent.

```
hm.dag.entryAfter (afters: list string) (value: T) : DagEntry<T>
```

Indicates that `value` must be placed *after* each of the attribute names in the given list. For example

```
foo.bar = {  
    a = 0;
```

```
b = hm.dag.entryAfter [ "a" ] 1;  
}
```

would place b after a in the graph.

`hm.dag.entryBefore (befores: list string) (value: T) : DagEntry<T>`

Indicates that value must be placed *before* each of the attribute names in the given list.
For example

```
foo.bar = {  
    b = hm.dag.entryBefore [ "a" ] 1;  
    a = 0;  
}
```

would place b before a in the graph.

`hm.dag.entryBetween (befores: list string) (afters: list string) (value: T) : DagEntry<T>`

Indicates that value must be placed *before* the attribute names in the first list and *after* the attribute names in the second list. For example

```
foo.bar = {  
    a = 0;  
    c = hm.dag.entryBetween [ "b" ] [ "a" ] 2;  
    b = 1;  
}
```

would place c before b and after a in the graph.

There are also a set of functions that generate a DAG from a list. These are convenient when you just want to have a linear list of DAG entries, without having to manually enter the relationship between each entry. Each of these functions take a tag as argument and the DAG entries will be named \${tag}-\${index}.

`hm.dag.entriesAnywhere (tag: string) (values: [T]) : Dag<T>`

Creates a DAG with the given values with each entry labeled using the given tag. For

example

```
foo.bar = hm.dag.entriesAnywhere "a" [ 0 1 ];
```

is equivalent to

```
foo.bar = {  
    a-0 = 0;  
    a-1 = hm.dag.entryAfter [ "a-0" ] 1;  
}
```

```
hm.dag.entriesAfter (tag: string) (afters: list string) (values: [T]) :  
Dag<T>
```

Creates a DAG with the given values with each entry labeled using the given tag. The list of values are placed are placed *after* each of the attribute names in afters. For example

```
foo.bar =  
{ b = 0; }  
// hm.dag.entriesAfter "a" [ "b" ] [ 1 2 ];
```

is equivalent to

```
foo.bar = {  
    b = 0;  
    a-0 = hm.dag.entryAfter [ "b" ] 1;  
    a-1 = hm.dag.entryAfter [ "a-0" ] 2;  
}
```

```
hm.dag.entriesBefore (tag: string) (befores: list string) (values: [T]) :  
Dag<T>
```

Creates a DAG with the given values with each entry labeled using the given tag. The list of values are placed *before* each of the attribute names in befores. For example

```
foo.bar =
{ b = 0; }
// hm.dag.entriesBefore "a" [ "b" ] [ 1 2 ];
```

is equivalent to

```
foo.bar = {
  b = 0;
  a-0 = 1;
  a-1 = hm.dag.entryBetween [ "b" ] [ "a-0" ] 2;
}
```

```
hm.dag.entriesBetween (tag: string) (befores: list string) (afters: list string) (values: [T]) : Dag<T>
```

Creates a DAG with the given values with each entry labeled using the given tag. The list of values are placed *before* each of the attribute names in *befores* and *after* each of the attribute names in *afters*. For example

```
foo.bar =
{ b = 0; c = 3; }
// hm.dag.entriesBetween "a" [ "b" ] [ "c" ] [ 1 2 ];
```

is equivalent to

```
foo.bar = {
  b = 0;
  c = 3;
  a-0 = hm.dag.entryAfter [ "c" ] 1;
  a-1 = hm.dag.entryBetween [ "b" ] [ "a-0" ] 2;
}
```

`hm.types.gvariant`

This type is useful for options representing [GVariant](#) values. The type accepts all primitive

GVariant types as well as arrays, tuples, “maybe” types, and dictionaries.

Some Nix values are automatically coerced to matching GVariant value but the GVariant model is richer so you may need to use one of the provided constructor functions. Examples assume an option `foo.bar` of type `hm.types.gvariant`.

`hm.gvariant.mkBoolean (v: bool)`

Takes a Nix value `v` to a GVariant boolean value (GVariant format string `b`). Note, Nix booleans are automatically coerced using this function. That is,

```
foo.bar = hm.gvariant.mkBoolean true;
```

is equivalent to

```
foo.bar = true;
```

`hm.gvariant.mkString (v: string)`

Takes a Nix value `v` to a GVariant string value (GVariant format string `s`). Note, Nix strings are automatically coerced using this function. That is,

```
foo.bar = hm.gvariant.mkString "a string";
```

is equivalent to

```
foo.bar = "a string";
```

`hm.gvariant.mkObjectpath (v: string)`

Takes a Nix value `v` to a GVariant objectpath value (GVariant format string `o`).

`hm.gvariant.mkUchar (v: string)`

Takes a Nix value `v` to a GVariant uchar value (GVariant format string `y`).

```
hm.gvariant.mkInt16 (v: int)
```

Takes a Nix value v to a GVariant int16 value (GVariant format string n).

```
hm.gvariant.mkUInt16 (v: int)
```

Takes a Nix value v to a GVariant uint16 value (GVariant format string q).

```
hm.gvariant.mkInt32 (v: int)
```

Takes a Nix value v to a GVariant int32 value (GVariant format string i). Note, Nix integers are automatically coerced using this function. That is,

```
foo.bar = hm.gvariant.mkInt32 7;
```

is equivalent to

```
foo.bar = 7;
```

```
hm.gvariant.mkUInt32 (v: int)
```

Takes a Nix value v to a GVariant uint32 value (GVariant format string u).

```
hm.gvariant.mkInt64 (v: int)
```

Takes a Nix value v to a GVariant int64 value (GVariant format string x).

```
hm.gvariant.mkUInt64 (v: int)
```

Takes a Nix value v to a GVariant uint64 value (GVariant format string t).

```
hm.gvariant.mkDouble (v: double)
```

Takes a Nix value v to a GVariant double value (GVariant format string d). Note, Nix floats are automatically coerced using this function. That is,

```
foo.bar = hm.gvariant.mkDouble 3.14;
```

is equivalent to

```
foo.bar = 3.14;
```

hm.gvariant.mkArray type elements

Builds a GVariant array containing the given list of elements, where each element is a GVariant value of the given type (GVariant format string a\${type}). The type value can be constructed using

- hm.gvariant.type.string (GVariant format string s)
- hm.gvariant.type.boolean (GVariant format string b)
- hm.gvariant.type uchar (GVariant format string y)
- hm.gvariant.type.int16 (GVariant format string n)
- hm.gvariant.type.uint16 (GVariant format string q)
- hm.gvariant.type.int32 (GVariant format string i)
- hm.gvariant.type.uint32 (GVariant format string u)
- hm.gvariant.type.int64 (GVariant format string x)
- hm.gvariant.type.uint64 (GVariant format string t)
- hm.gvariant.type.double (GVariant format string d)
- hm.gvariant.type.variant (GVariant format string v)
- hm.gvariant.type.arrayOf type (GVariant format string a\${type})
- hm.gvariant.type.maybeOf type (GVariant format string m\${type})
- hm.gvariant.type.tupleOf types (GVariant format string \${lib.concatStrings types}))
- hm.gvariant.type.dictionaryEntryOf [keyType valueType] (GVariant format string \${keyType}\${valueType}))

where type and types are themselves a type and list of types, respectively.

hm.gvariant.mkEmptyArray type

An alias of [hm.gvariant.mkArray_type \[\]](#).

hm.gvariant.mkNothing type

Builds a GVariant maybe value (GVariant format string `m${type}`) whose (non-existent) element is of the given type. The type value is constructed as described for the [mkArray](#) function above.

`hm.gvariant.mkJust element`

Builds a GVariant maybe value (GVariant format string `m${element.type}`) containing the given GVariant element.

`hm.gvariant.mkTuple elements`

Builds a GVariant tuple containing the given list of elements, where each element is a GVariant value.

`hm.gvariant.mkVariant element`

Builds a GVariant variant (GVariant format string `v`) which contains the value of a GVariant element.

`hm.gvariant.mkDictionaryEntry [key value]`

Builds a GVariant dictionary entry containing the given list of elements (GVariant format string `${key.type}${value.type}`), where each element is a GVariant value.

Contributing

Contributions to Home Manager are very welcome. To make the process as smooth as possible for both you and the Home Manager maintainers we provide some guidelines that we ask you to follow. See [Getting started](#) for information on how to set up a suitable development environment and [Guidelines](#) for the actual guidelines.

This text is mainly directed at those who would like to make code contributions to Home Manager. If you just want to report a bug then first look among the already [open issues](#), if you find one matching yours then feel free to comment on it to add any additional information you may have. If no matching issue exists then go to the [new issue](#) page and write a description of your problem. Include as much information as you can, ideally also include relevant excerpts from your Home Manager configuration.

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Getting started

If you have not previously forked Home Manager then you need to do that first. Have a look at GitHub's [Fork a repo](#) for instructions on how to do this.

Once you have a fork of Home Manager you should create a branch starting at the most recent master branch. Give your branch a reasonably descriptive name. Commit your changes to this branch and when you are happy with the result and it fulfills [Guidelines](#) then push the branch to GitHub and [create a pull request](#).

Assuming your clone is at \$HOME/devel/home-manager then you can make the home-manager command use it by either

1. overriding the default path by using the -I command line option:

```
$ home-manager -I home-manager=$HOME/devel/home-manager
```

or, if using [flakes](#):

```
$ home-manager --override-input home-manager ~/devel/home-manager
```

or

2. changing the default path by ensuring your configuration includes

```
programs.home-manager.enable = true;  
programs.home-manager.path = "$HOME/devel/home-manager";
```

and running `home-manager switch` to activate the change. Afterwards, `home-manager build` and `home-manager switch` will use your cloned repository.

The first option is good if you only temporarily want to use your clone.

Guidelines

Maintain backward compatibility

Keep forward compatibility in mind

Add only valuable options

Add relevant tests

Add relevant documentation

Add yourself as a module maintainer

Format your code

Format your commit messages

Format your news entries

Use conditional modules and news

Mind the license

Commits

Example commit

Code Style

If your contribution satisfy the following rules then there is a good chance it will be merged without too much trouble. The rules are enforced by the Home Manager maintainers and to a lesser extent the Home Manager CI system.

If you are uncertain how these rules affect the change you would like to make then feel free to start a discussion in the [#home-manager](#) IRC channel, ideally before you start developing.

Maintain backward compatibility

Your contribution should not cause another user's existing configuration to break unless there is a very good reason and the change should be announced to the user through an [assertion](#) or similar.

Remember that Home Manager is used in many different environments and you should consider how your change may effect others. For example,

- Does your change work for people that do not use NixOS? Consider other GNU/Linux distributions and macOS.
- Does your change work for people whose configuration is built on one system and deployed on another system?

Keep forward compatibility in mind

The master branch of Home Manager tracks the unstable channel of Nixpkgs, which may update package versions at any time. It is therefore important to consider how a package update may affect your code and try to reduce the risk of breakage.

The most effective way to reduce this risk is to follow the advice in [Add only valuable options](#).

Add only valuable options

When creating a new module it is tempting to include every option supported by the software. This is *strongly* discouraged. Providing many options increases maintenance burden and risk of breakage considerably. This is why only the most [important software options](#) should be modeled explicitly. Less important options should be expressible through an `extraConfig` escape hatch.

A good rule of thumb for the first implementation of a module is to only add explicit options for those settings that absolutely must be set for the software to function correctly. It follows that a module for software that provides sensible default values for all settings would require no explicit options at all.

If the software uses a structured configuration format like a JSON, YAML,INI, TOML, or even a plain list of key/value pairs then consider using a `settings` option as described in [Nix RFC 42](#).

Add relevant tests

If at all possible, make sure to add new tests and expand existing tests so that your change will keep working in the future. See [Tests](#) for more information about the Home Manager test suite.

All contributed code *must* pass the test suite.

Add relevant documentation

Many code changes require changing the documentation as well. Module options should be documented with [Nixpkgs-flavoured Markdown](#). Home Manager is itself documented using a combination of [DocBook](#) and [AsciiDoc](#). All text is hosted in Home Manager's Git repository.

The HTML version of the manual containing both the module option descriptions and the documentation of Home Manager can be generated and opened by typing the following in a shell within a clone of the Home Manager Git repository:

```
$ nix-build -A docs.html  
$ xdg-open ./result/share/doc/home-manager/index.html
```

When you have made changes to a module, it is a good idea to check that the man page version of the module options looks good:

```
$ nix-build -A docs.manPages  
$ man ./result/share/man/man5/home-configuration.nix.5.gz
```

Add yourself as a module maintainer

Every new module *must* include a named maintainer using the `meta.maintainers` attribute. If you are a user of a module that currently lacks a maintainer then please consider adopting it.

If you are present in the `nixpkgs` maintainer list then you can use that entry. If you are not then you can add yourself to `modules/lib/maintainers.nix` in the Home Manager project.

Maintainers are encouraged to join the IRC or Matrix channel and participate when they have opportunity.

Format your code

Make sure your code is formatted as described in [Code Style](#). To maintain consistency throughout the project you are encouraged to browse through existing code and adopt its style also in new code.

Format your commit messages

Similar to [Format your code](#) we encourage a consistent commit message format as described in [Commits](#).

Format your news entries

If your contribution includes a change that should be communicated to users of Home Manager then you can add a news entry. The entry must be formatted as described in [News](#).

When new modules are added a news entry should be included but you do not need to create this entry manually. The merging maintainer will create the entry for you. This is to reduce the risk of merge conflicts.

Use conditional modules and news

Home Manager includes a number of modules that are only usable on some of the supported platforms. The most common example of platform specific modules are those that define systemd user services, which only works on Linux systems.

If you add a module that is platform specific then make sure to include a condition in the `loadModule` function call. This will make the module accessible only on systems where the condition evaluates to true.

Similarly, if you are adding a news entry then it should be shown only to users that may find it

relevant, see [News](#) for a description of conditional news.

Mind the license

The Home Manager project is covered by the MIT license and we can only accept contributions that fall under this license, or are licensed in a compatible way. When you contribute self written code and documentation it is assumed that you are doing so under the MIT license.

A potential gotcha with respect to licensing are option descriptions. Often it is convenient to copy from the upstream software documentation. When this is done it is important to verify that the license of the upstream documentation allows redistribution under the terms of the MIT license.

Commits

The commits in your pull request should be reasonably self-contained, that is, each commit should make sense in isolation. In particular, you will be asked to amend any commit that introduces syntax errors or similar problems even if they are fixed in a later commit.

The commit messages should follow the [seven rules](#), except for "Capitalize the subject line". We also ask you to include the affected code component or module in the first line. That is, a commit message should follow the template

```
{component}: {description}  
  
{long description}
```

where `{component}` refers to the code component (or module) your change affects, `{description}` is a very brief description of your change, and `{long description}` is an optional clarifying description. As a rare exception, if there is no clear component, or your change affects many components, then the `{component}` part is optional. See [example_title](#) for a commit message that fulfills these requirements.

Example commit

The commit [69f8e47e9e74c8d3d060ca22e18246b7f7d988ef](#) contains the commit message

```
starship: allow running in Emacs if vterm is used
```

The vterm buffer is backed by libvterm and can handle Starship prompts without issues.

which ticks all the boxes necessary to be accepted in Home Manager.

Finally, when adding a new module, say `programs/foo.nix`, we use the fixed commit format `foo: add module`. You can, of course, still include a long description if you wish.

Code Style

The code in Home Manager is formatted by the [nixfmt](#) tool and the formatting is checked in the pull request tests. Run the `format` tool inside the project repository before submitting your pull request.

Keep lines at a reasonable width, ideally 80 characters or less. This also applies to string literals.

We prefer `lowerCamelCase` for variable and attribute names with the accepted exception of variables directly referencing packages in Nixpkgs which use a hyphenated style. For example, the Home Manager option `services.gpg-agent.enableSshSupport` references the `gpg-agent` package in Nixpkgs.

News

Home Manager includes a system for presenting news to the user. When making a change you, therefore, have the option to also include an associated news entry. In general, a news entry should only be added for truly noteworthy news. For example, a bug fix or new option does generally not need a news entry.

If you do have a change worthy of a news entry then please add one in [news.nix](#) but you should follow some basic guidelines:

- The entry timestamp should be in ISO-8601 format having "+00:00" as time zone. For example, "2017-09-13T17:10:14+00:00". A suitable timestamp can be produced by the command

```
$ date --iso-8601=second --universal
```

- The entry condition should be as specific as possible. For example, if you are changing or deprecating a specific option then you could restrict the news to those users who actually use this option.
- Wrap the news message so that it will fit in the typical terminal, that is, at most 80 characters wide. Ideally a bit less.
- Unlike commit messages, news will be read without any connection to the Home Manager source code. It is therefore important to make the message understandable in isolation and to those who do not have knowledge of the Home Manager internals. To this end it should be written in more descriptive, prose like way.
- If you refer to an option then write its full attribute path. That is, instead of writing

```
The option 'foo' has been deprecated, please use 'bar' instead.
```

it should read

```
The option 'services.myservice.foo' has been deprecated, please  
use 'services.myservice.bar' instead.
```

- A new module, say foo.nix, should always include a news entry that has a message along the lines of

```
A new module is available: 'services.foo'.
```

If the module is platform specific, e.g., a service module using systemd, then a condition like

```
condition = hostPlatform.isLinux;
```

should be added. If you contribute a module then you don't need to add this entry, the merger

will create an entry for you.

Tests

Home Manager includes a basic test suite and it is highly recommended to include at least one test when adding a module. Tests are typically in the form of "golden tests" where, for example, a generated configuration file is compared to a known correct file.

It is relatively easy to create tests by modeling the existing tests, found in the `tests` project directory. For a full reference to the functions available in test scripts, you can look at NMT's [bash-lib](#).

The full Home Manager test suite can be run by executing

```
$ nix-shell --pure tests -A run.all
```

in the project root. List all test cases through

```
$ nix-shell --pure tests -A list
```

and run an individual test, for example `alacritty-empty-settings`, through

```
$ nix-shell --pure tests -A run.alacritty-empty-settings
```

However, those invocations will impurely source the system's `nixpkgs`, and may cause failures. To run against the `nixpkgs` from the `flake.lock`, use instead e.g.

```
$ nix develop --ignore-environment .#all
```

Third-Party Tools and Extensions

Here is a collection of tools and extensions that relate to Home Manager. Note, these are maintained outside the regular Home Manager flow so quality and support may vary wildly. If you encounter problems then please raise them in the corresponding project, not as issues in the Home Manager tracker.

If you have made something interesting related to Home Manager then you are encouraged to create a PR that expands this chapter.

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Module Collections

Module Collections

- [xhmm — extra Home Manager modules](#)

A collection of modules maintained by Anselm Schüler.

- [Stylix — System-wide colorscheming and typography](#)

Configure your applications to get coherent color scheme and font.

Frequently Asked Questions (FAQ)

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[How do I override the package used by a module?](#)

Why is there a collision error when switching generation?

Home Manager currently installs packages into the user environment, precisely as if the packages were installed through `nix-env --install`. This means that you will get a collision error if your Home Manager configuration attempts to install a package that you already have installed manually, that is, packages that shows up when you run `nix-env --query`.

For example, imagine you have the `hello` package installed in your environment

```
$ nix-env --query  
hello-2.10
```

and your Home Manager configuration contains

```
home.packages = [ pkgs.hello ];
```

Then attempting to switch to this configuration will result in an error similar to

```
$ home-manager switch  
these derivations will be built:  
/nix/store/xg69wsnd1rp8xgs9qfsjal017nf0ldhm-home-manager-path.drv
```

[...]

```
Activating installPackages
replacing old 'home-manager-path'
installing 'home-manager-path'
building path(s) '/nix/store/b5c0asjz9f06l52l9812w6k39ifr49jj-user-environment'
Wide character in die at /nix/store/64jc9gd2rkgdb4yjx3nrgc91bpjj5ky-buildenv.pl l:
collision between '/nix/store/fmwa4axzghz11cnln5absh31nbhs9lq1-home-manager-path/b:
builder for '/nix/store/b37x3s7pxxbasfqhaca5dqbf3pjw0ip-user-environment.drv' fai:
error: build of '/nix/store/b37x3s7pxxbasfqhaca5dqbf3pjw0ip-user-environment.drv'
```

The solution is typically to uninstall the package from the environment using `nix-env --uninstall` and reattempt the Home Manager generation switch.

You could also opt to unistall *all* of the packages from your profile with `nix-env --uninstall '*'`.

Why are the session variables not set?

Home Manager is only able to set session variables automatically if it manages your Bash, Z shell, or fish shell configuration. To enable such management you use [programs.bash.enable](#), [programs.zsh.enable](#), or [programs.fish.enable](#).

If you don't want to let Home Manager manage your shell then you will have to manually source the `~/.nix-profile/etc/profile.d/hm-session-vars.sh` file in an appropriate way. In Bash and Z shell this can be done by adding

```
. "$HOME/.nix-profile/etc/profile.d/hm-session-vars.sh"
```

to your `.profile` and `.zshrc` files, respectively. The `hm-session-vars.sh` file should work in most Bourne-like shells. For fish shell, it is possible to source it using [the foreign-env plugin](#)

```
fenv source "$HOME/.nix-profile/etc/profile.d/hm-session-vars.sh" > /dev/null
```

How to set up a configuration for multiple

users/machines?

A typical way to prepare a repository of configurations for multiple logins and machines is to prepare one "top-level" file for each unique combination.

For example, if you have two machines, called "kronos" and "rhea" on which you want to configure your user "jane" then you could create the files

- `kronos-jane.nix`,
- `rhea-jane.nix`, and
- `common.nix`

in your repository. On the kronos and rhea machines you can then make `~jane/.config/home-manager/home.nix` be a symbolic link to the corresponding file in your configuration repository.

The `kronos-jane.nix` and `rhea-jane.nix` files follow the format

```
{ ... }:

{
  imports = [ ./common.nix ];

  # Various options that are specific for this machine/user.
}
```

while the `common.nix` file contains configuration shared across the two logins. Of course, instead of just a single `common.nix` file you can have multiple ones, even one per program or service.

You can get some inspiration from the [Post your home-manager home.nix file!](#) Reddit thread.

Why do I get an error message about `ca.desrt.dconf` or `dconf.service`?

You are most likely trying to configure something that uses dconf but the DBus session is not aware of the dconf service. The full error you might get is

```
error: GDBus.Error:org.freedesktop.DBus.Error.ServiceUnknown: The name ca.desrt.dco
```

or

```
error: GDBus.Error:org.freedesktop.systemd1.NoSuchUnit: Unit dconf.service not fou
```

The solution on NixOS is to add

```
programs.dconf.enable = true;
```

to your system configuration.

How do I install packages from Nixpkgs unstable?

If you are using a stable version of Nixpkgs but would like to install some particular packages from Nixpkgs unstable – or some other channel – then you can import the unstable Nixpkgs and refer to its packages within your configuration. Something like

```
{ pkgs, config, ... }:

let

  pkgsUnstable = import <nixpkgs-unstable> {};

in

{

  home.packages = [
    pkgsUnstable.foo
  ];
}
```

```
# ...  
}
```

should work provided you have a Nix channel called `nixpkgs-unstable`.

You can add the `nixpkgs-unstable` channel by running

```
$ nix-channel --add https://nixos.org/channels/nixpkgs-unstable nixpkgs-unstable  
$ nix-channel --update
```

Note, the package will not be affected by any package overrides, overlays, etc.

How do I override the package used by a module?

By default Home Manager will install the package provided by your chosen `nixpkgs` channel but occasionally you might end up needing to change this package. This can typically be done in two ways.

1. If the module provides a package option, such as `programs.beets.package`, then this is the recommended way to perform the override. For example,

```
programs.beets.package = pkgs.beets.override { enableCheck = true; };
```

2. If no package option is available then you can typically override the relevant package using an [overlay](#).

For example, if you want to use the `programs.skim` module but use the `skim` package from Nixpkgs unstable, then a configuration like

```
{ pkgs, config, ... }:  
  
let
```

```
pkgsUnstable = import <nixpkgs-unstable> {};  
  
in  
  
{  
  programs.skim.enable = true;  
  
  nixpkgs.overlays = [  
    (self: super: {  
      skim = pkgsUnstable.skim;  
    })  
  ];  
  
  # ...  
}
```

should work OK.

[Next](#)

Appendix A. Home Manager Configuration Options



Option Search (2928 options)

Search.. e.g. vim

search options

Title	Description	Type
_module.args	Additional arguments passed to each module in addition to oneslike lib, config, and pkgs, modulesPath.	lazy attribute set of raw value
accounts.calendar.accounts	List of calendars.	attribute set of (submodule)
accounts.calendar.accounts.<name>.khal.enable	Whether to enable khal access.	boolean
accounts.calendar.accounts.<name>.khal.color	Color in which events in this calendar are displayed.	null or one of "black", "white", "brown", "yellow", "dark gray", "dark green", "dark blue", "light gray", "light green", "light blue", "dark magenta", "dark cyan", "dark red", "light magenta", "light cyan", "light red"
accounts.calendar.accounts.<name>.khal.glob	The glob expansion to be searched for events or birthdays when type is set to discover.	string
accounts.calendar.accounts.<name>.khal.priority	Priority of a calendar used for coloring.	signed integer





Home Manager **OPTION SEARCH**

/mip

communi

man

/home-m:

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sear

<name>.khal.readO to this account.
nly

accounts.calendar.a Either a single null or one of
ccounts. calendar (calendar “calendar”,
<name>.khal.type which is the default) “discover”
or a directory with multiple calendars
(discover).

accounts.calendar.a Local configuration null or (submodule)
ccounts. for the calendar.

<name>.local

accounts.calendar.a File encoding for null or string
ccounts. items, both content
<name>.local.encoding and file
name. Defaults to
UTF-8.

accounts.calendar.a The file extension to null or string
ccounts. use.

<name>.local.fileExt

accounts.calendar.a The path of the string
ccounts. storage.

<name>.local.path

accounts.calendar.a The type of the one of “filesystem”,
ccounts. storage. “singlefile”
<name>.local.type

accounts.calendar.a Unique identifier of string (read only)
ccounts. the calendar. This is
<name>.name set to the attribute
name of the
calendar
configuration.

accounts.calendar.a Whether this is the boolean
ccounts. primary account.
<name>.primary Only one account
may beset as
primary.





Home Manager **OPTION SEARCH**

(./)

/mip

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sear

<name>.primaryCollection	account. Required when an account has multiple collections.	boolean
accounts.calendar.accounts.	Whether to enable qcal access.	boolean
<name>.remote	Remote configuration for the calendar.	null or (submodule)
accounts.calendar.accounts.	A command that prints the password to standard output.	null or (list of string)
<name>.remote.passwordCommand		
accounts.calendar.accounts.	The type of the storage.	one of “caldav”, “http”, “google_calendar”
accounts.calendar.accounts.	The URL of the storage.	null or string
<name>.remote.url		
accounts.calendar.accounts.	User name for authentication.	null or string
<name>.remote.username		
accounts.calendar.accounts.	Whether to enable synchronization	boolean
<name>.vdirsyncer.enabled	using vdirsyncer.	
accounts.calendar.accounts.	Authentication settings. The default is basic.	null or one of “basic”, “digest”, “guess”
<name>.vdirsyncer.auth		
accounts.calendar.accounts.	Either a path to a certificate with a client certificate and the key or a list of paths to the files with them.	null or string or list of string
<name>.vdirsyncer.authCert		



Home Manager OPTION SEARCH		or (list of string) (.)	/mip communi man /home-m: sear
<name>.vdirsynchronizer.clientIdCommand	credentials to standardoutput.		Last update: December 15, 2023 at 4:25 UTC
accounts.calendar.accounts.	A command that prints the OAuth credentials to standardoutput.	null or (list of string)	
<name>.vdirsynchronizer.clientSecretCommand			
accounts.calendar.accounts.	The collections to synchronize between the storages.	null or (list of (string or list of string))	
<name>.vdirsynchronizer.conflictResolution	What to do in case of a conflict between the storages. Either remote wins or local wins or a list that contains a command to run. By default, an error message is printed.	null or one of "remote wins", "local wins" or list of string	
accounts.calendar.accounts.	Kinds of items to show. The default is to show everything. This depends on particular features of the server, the results are not validated.	null or (list of string)	
<name>.vdirsynchronizer.itemTypes			
accounts.calendar.accounts.	Metadata keys that should be synchronized when vdirsynchronizer metadata sync is executed.	list of string	



Home Manager

OPTION SEARCHor one of
("error", "warning", "ignore")

/mip

communi

man

/home-m

sear

<name>.vdirsynchronizer.partialSync one direction is impossible due to one storage being read-only. Defaults to revert.

accounts.calendar.accounts Command to call for each item creation and modification. The command will be called with the path of the new/updatedfile.

accounts.calendar.accounts A time range to synchronize. start <name>.vdirsynchronizer.timeRange and end can be any Python expression that returns a datetime.datetimeobject.

accounts.calendar.accounts End of time range to show. <name>.vdirsynchronizer.timeRange.end

accounts.calendar.accounts Start of time range to show. <name>.vdirsynchronizer.timeRange.start

accounts.calendar.accounts A file path where access tokens are stored. <name>.vdirsynchronizer.tokenFile

accounts.calendar.accounts The user agent to report to the server. <name>.vdirsynchronizer.userAgent Defaults to vdirsynchronizer.

accounts.calendar.accounts Verify SSL certificate. <name>.vdirsynchronizer.verify





Home Manager **OPTION SEARCH**

/mip



man

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/home-m:

sear

<name>.vdirsynchronizerFingerprint the expected server certificate.

accounts.calendar.basePath The base directory in which to save calendars. May be a relative path, in which case it is relative the homedirectory.

accounts.contact.accounts List of contacts. attribute set of (submodule)

accounts.contact.accounts Whether to enable khal access.
<name>.khal.enable

accounts.contact.accounts Keep khal from making any changes
<name>.khal.readOnly to this account.

accounts.contact.accounts Whether to enable khard access.
<name>.khard.enabled

accounts.contact.accounts.<name>.local Local configuration for the contacts. null or (submodule)

accounts.contact.accounts.<name>.local.encoding File encoding for items, both content and file name. Defaults to UTF-8.

accounts.contact.accounts.<name>.local.fileExt The file extension to use.

accounts.contact.accounts.<name>.local.path The path of the storage.

accounts.contact.accounts.<name>.local.type The type of the storage. one of “filesystem”, “singlefile”





Home Manager **OPTION SEARCH**

(read only)



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/home-m:

sear

<code><name>.name</code>	This is set to the attribute name of the contact configuration.	
<code>accounts.contact.accounts.</code>	Remote configuration for the contacts.	null or (submodule)
<code><name>.remote</code>		
<code>accounts.contact.accounts.</code>	A command that prints the password to standard output.	null or (list of string)
<code><name>.remote.swordCommand</code>		
<code>accounts.contact.accounts.</code>	The type of the storage.	one of "carddav", "http", "google_contacts"
<code><name>.remote.type</code>		
<code>accounts.contact.accounts.</code>	The URL of the storage.	null or string
<code><name>.remote.url</code>		
<code>accounts.contact.accounts.</code>	User name for authentication.	null or string
<code><name>.remote.user</code>		
<code>Name</code>		
<code>accounts.contact.accounts.</code>	Whether to enable synchronization	boolean
<code><name>.vdirsyncer.enable</code>	using vdirsyncer.	
<code>accounts.contact.accounts.</code>	Authentication settings. The default is basic.	null or one of "basic", "digest", "guess"
<code><name>.vdirsyncer.auth</code>		
<code>accounts.contact.accounts.</code>	Either a path to a certificate with a client certificate and the key or a list of paths to the files with them.	null or string or list of string
<code><name>.vdirsyncer.authCert</code>		





Home Manager **OPTION SEARCH**

or (list of string)
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<name>.vdirsynchronizer.clientIdCommand	credentials to standardoutput.	null or (list of string)
accounts.contact.accounts.	A command that prints the OAuth credentials to standardoutput.	null or (list of string)
<name>.vdirsynchronizer.collections	The collections to synchronize between the storages.	null or (list of (string or list of string))
accounts.contact.accounts.	What to do in case of a conflict between the storages.	null or one of “remote wins”, “local wins” or list of string
<name>.vdirsynchronizer.conflictResolution	Either remote wins or local wins or a list that contains a command to run. By default, an error message is printed.	
accounts.contact.accounts.	Kinds of items to show. The default is to show everything. This depends on particular features of the server, the results are not validated.	null or (list of string)
<name>.vdirsynchronizer.itemTypes		
accounts.contact.accounts.	Metadata keys that should be synchronized when vdirsynchronizer.metaSync is executed.	list of string





<name>.vdirsynchronizer.partialSync one direction is impossible due to one storage being read-only. Defaults to revert.

accounts.contact.accounts Command to call for each item creation and modification. The command will be called with the path of the new/updatedfile.

accounts.contact.accounts A time range to synchronize. start <name>.vdirsynchronizer.timeRange and end can be any Python expression that returns a datetime.datetime object.

accounts.contact.accounts End of time range to show. <name>.vdirsynchronizer.timeRange.end

accounts.contact.accounts Start of time range to show. <name>.vdirsynchronizer.timeRange.start

accounts.contact.accounts A file path where access tokens are stored. <name>.vdirsynchronizer.tokenFile

accounts.contact.accounts The user agent to report to the server. <name>.vdirsynchronizer.userAgent Defaults to vdirsynchronizer.

accounts.contact.accounts Verify SSL certificate. <name>.vdirsynchronizer.verify



Home Manager **OPTION SEARCH**

<name>.vdirsynchronizer.verifyFingerprint the expected server certificate.

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/home-m:

/mip
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accounts.contact.basePath The base directory in which to save contacts. May be a relative path, in which case it is relative the homedirectory.

sear

accounts.email.accounts List of email accounts.

attribute set of (submodule)

accounts.email.accounts The email address of this account.

string matching the pattern .*@.*

<name>.address

accounts.email.accounts Whether to enable aerc.

boolean

<name>.aerc.enable

accounts.email.accounts Extra config added to the configuration section for this account in \$HOME/.config/aerc/accounts.conf. See aerc-accounts(5).

attribute set of (values (null, bool, int, string, or float) or a list of values, that will be joined with a comma)

accounts.email.accounts Extra bindings specific to this account, added to \$HOME/.config/aerc/binds.conf. See aerc-binds(5).

attribute set of (values (null, bool, int, string, or float) or a list of values, that will be joined with a comma)





Home Manager **OPTION SEARCH**

ute set of
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(values (null, bool,

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int, string, or float) or

/home-m:

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<code><name>.aerc.extraConfig</code>	to \$HOME/.config/aerc/aerc.conf.Aerc only supports per-account UI configuration. For other sections of \$HOME/.config/aerc/aerc.conf, use programs.aerc.extraConfig. See aerc-config(5).	(values (null, bool, int, string, or float) or a list of values, that will be joined with a comma)
<code>accounts.email.accounts.</code>	Sets the authentication mechanism if imap is used as the incomingmethod. See aerc-imap(5).	null or one of "oauthbearer", "xoauth2"
<code><name>.aerc imapAuth</code>		
<code>accounts.email.accounts.</code>	Sets the oauth2 params if	null or (submodule)
<code><name>.aerc imapOAuth2Params</code>	authentication mechanism oauthbearer or xoauth2 is used. See aerc-imap(5).	
<code>accounts.email.accounts.</code>	The OAuth2 client identifier.	null or string
<code><name>.aerc imapOAuth2Params.client_id</code>		
<code>accounts.email.accounts.</code>	The OAuth2 client secret.	null or string
<code><name>.aerc imapOAuth2Params.client_secret</code>		
<code>accounts.email.accounts.</code>	The OAuth2 requested scope.	null or string
<code><name>.aerc imapOAuth2Params.scope</code>		





Home Manager **OPTION SEARCH**

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<name>.aerc imapO
auth2Params.token_
endpoint

accounts.email.acco
unts.
<name>.aerc.smtpA
uth

Sets the authentication mechanism if smtp is used as the outgoingmethod. See aerc-smtp(5).

null or one of “none”, “plain”, “login”, “oauthbearer”, “xoauth2”

accounts.email.acco
unts.
<name>.aerc.smtpO
auth2Params

Sets the oauth2 params if authentication mechanism oauthbearer orxoauth2 is used. See aerc-imap(5).

null or (submodule)

accounts.email.acco
unts.
<name>.aerc.smtpO
auth2Params.client_i
d

The OAuth2 client identifier.

null or string

accounts.email.acco
unts.
<name>.aerc.smtpO
auth2Params.client_
secret

The OAuth2 client secret.

null or string

accounts.email.acco
unts.
<name>.aerc.smtpO
auth2Params.scope

The OAuth2 requested scope.

null or string

accounts.email.acco
unts.
<name>.aerc.smtpO
auth2Params.token_
endpoint

The OAuth2 token endpoint.

null or string

accounts.email.acco
unts.<name>.aliases

Alternative email addresses of this account.

list of string matching the pattern .*@.*





Home Manager **OPTION SEARCH**

Attribute set of string

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<name>.alot.contactCompletion expected per alot.See alot's wiki forexplanation about possible values.

accounts.email.accounts Extra settings to add strings concatenated to this Alot account with "\n"
<name>.alot.extraConfig configuration.

accounts.email.accounts Command to send a null or string mail. If msmtip is enabled for the account,then this is set tomsmtip --read-envelope-from --read-recipients.

accounts.email.accounts Whether to enable boolean Astroid.
<name>.astroid.enabled

accounts.email.accounts Extra settings to add attribute set of to this astroid anything
<name>.astroid.extraConfig account configuration.

accounts.email.accounts Command to send a string mail. If msmtip is enabled for the account,then this is set tomsmtip --read-envelope-from --read-recipients.

accounts.email.accounts.<name>.flavor Some email providers have peculiar behavior that requires special treatment. This option is therefore intended to indicate the nature of the provider. one of "plain", "gmail.com", "runbox.com", "fastmail.com", "yandex.com", "outlook.office365.com"



Home Manager **OPTION SEARCH** module

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accounts.email.accounts.	Relative path of the drafts mail folder.	null or string
<name>.folders.drafts		Last update: December 15, 2023 at 4:25 UTC
		/home-m:
		search
accounts.email.accounts.	Relative path of the inbox mail.	string
<name>.folders.inbox		
		x
accounts.email.accounts.	Relative path of the sent mail folder.	null or string
<name>.folders.sent		
accounts.email.accounts.	Relative path of the deleted mail folder.	string
<name>.folders.trash		
		h
accounts.email.accounts.	Whether to enable the getmail mail	boolean
<name>.getmail.enabled	retriever for this account.	
accounts.email.accounts.	Enable if you want to delete read	boolean
<name>.getmail.delete	messages from the server. Most users should either enable delete or disable read all.	
accounts.email.accounts.	Specify a command delivering the	null or string
<name>.getmail.destinationCommand	incoming mail to your maildir.	
accounts.email.accounts.	A non-empty list of mailboxes. To download all mail boxes	non-empty (list of string)
<name>.getmail.mailbox	you can use the ALL mailbox.	



Home Manager **OPTION SEARCH**

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<name>.getmail.readAll read messages from theserver. Most users should either enable delete or disable readAll.

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accounts.email.accounts.<name>.gpg GPG configuration. null or (submodule)

accounts.email.accounts.<name>.gpg.encrypt Encrypt outgoing messages by <name>.gpg.encrypt default. ByDefault

accounts.email.accounts.<name>.gpg.key The key to use as listed in gpg --list-keys. string

accounts.email.accounts.<name>.gpg.signBy Sign messages by default. Default

accounts.email.accounts.<name>.himalaya.enabled Whether to enable Himalaya for this email account. boolean

accounts.email.accounts.<name>.himalaya.backend Specifying accounts.email.accounts.*.himalaya.backend is deprecated, set accounts.email.accounts.*.himalaya.settings.backend instead.

accounts.email.accounts.<name>.himalaya.sender Specifying accounts.email.accounts.*.himalaya.sender is deprecated, set {option}`accounts.email.accounts.*.himalaya.settings.sender` instead.



Home Manager OPTION SEARCH		L value (.)	/mip communi man /home-m: sear
<name>.himalaya.settings	email account.See https://pimalaya.org/cli/configuration/account.html for supported values.		Last update: December 15, 2023 at 4:25 UTC
accounts.email.accounts.<name>.imap	The IMAP configuration to use for this account.	null or (submodule)	
accounts.email.accounts.<name>.imap.host	Hostname of IMAP server.	string	
accounts.email.accounts.<name>.imap.port	The port on which the IMAP server listens. Ifnull then the default port is used.	null or 16 bit unsigned integer; between 0 and 65535 (both inclusive)	
accounts.email.accounts.<name>.imap.tls	Configuration for secure connections.	submodule	
accounts.email.accounts.<name>.imap.tls.enabled	Whether to enable TLS/SSL.	boolean	
accounts.email.accounts.<name>.imap.tls.cerificatesFile	Path to file containing certificate authorities that should be used to validate the connection authenticity. Ifnull then the system default is used. Note, if set then the system default may still be accepted.	null or path	



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<name>.imap.tls.use

StartTls

boolean

accounts.email.acco Whether to enable
nts. imapnotify.<name>.imapnotify.e
nableaccounts.email.acco IMAP folders to
nts. watch.<name>.imapnotify.b
oxesaccounts.email.acco Additional
nts. configuration to add<name>.imapnotify.e for this account.
xtraConfigaccounts.email.acco Shell commands to
nts. run on any event.string or attribute set
of string<name>.imapnotify.o
nNotifyaccounts.email.acco Shell commands to
nts. run after onNotifystring or attribute set
of string<name>.imapnotify.o event.
nNotifyPostaccounts.email.acco The JMAP
nts.<name>.jmap configuration to use
for this account.

null or (submodule)

accounts.email.acco Hostname of JMAP
nts. server.

null or string

<name>.jmap.host

accounts.email.acco URL for the JMAP
nts. Session resource.

null or string

<name>.jmap.sessio
nUrlaccounts.email.acco Whether to enable
nts. lieer Gmail

boolean

<name>.lieer.enable synchronization for
notmuch.



Home Manager **OPTION SEARCH**

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<name>.lieer.notmuc this account.

hSetupWarning

ean(./)
Last update: December 15, 2023 at 4:25 UTC
/home-m:accounts.email.acco Settings which are JSON value
unts. applied to<name>.lieer.setting .gmailieer.jsonfor the
s account.accounts.email.acco Allow missing labels boolean
unts. on the Gmail side to<name>.lieer.setting be dropped.
s.drop_non_existing
_labelaccounts.email.acco Extension to include string
unts. in local file names,<name>.lieer.setting which can be
s.file_extension usefulfor indexing
with third-party
programs.accounts.email.acco Work around a boolean
unts. Gmail API quirk<name>.lieer.setting where an empty
s.ignore_empty_hist change historyis
ory sometimes returned.accounts.email.acco Set Gmail labels to list of string
unts. ignore when syncing<name>.lieer.setting from remote labels
s.ignore_remote_lab tolocal tags (before
els translations).accounts.email.acco Set labels to ignore list of string
unts. when syncing from<name>.lieer.setting local tags toremote
s.ignore_tags labels (after
translations).accounts.email.acco Local tag to which string
unts. the remote Gmail<name>.lieer.setting 'TRASH' label is
s.local_trash_tag translated.



Home Manager **OPTION SEARCH**

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<name>.lieer.setting been deleted on the
s.remove_local_mes remote.
sages

Last update: December 15, 2023 at 4:25 UTC
/home-m:
sear

accounts.email.acco Replace ‘/’ with ‘.’ in boolean
unts. Gmail labels.

<name>.lieer.setting
s.replace_slash_with
_dot

accounts.email.acco HTTP timeout in unsigned integer,
unts. seconds. 0 means meaning >=0
<name>.lieer.setting forever or system
s.timeout timeout.

accounts.email.acco Whether to enable boolean
unts. lieer synchronization
<name>.lieer.sync.e service.
nable

accounts.email.acco How often to string
unts. synchronize the
<name>.lieer.sync.fr account.
equency

accounts.email.acco Maildir configuration null or (submodule)
unts.<name>.maildir for this account.

accounts.email.acco Path to maildir string
unts. directory where mail
<name>.maildir.path for this account
is stored. This is
relative to the base
maildir path.

accounts.email.acco Whether to enable boolean
unts. synchronization
<name>.mbsync.en using mbsync.
able

accounts.email.acco Automatically create one of “none”,
unts. missing mailboxes “maildir”, “imap”,
<name>.mbsync.cre within the given mail “both”
ate store.





Home Manager **OPTION SEARCH**

of "none",
(") "dir", "imap",



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"both" Last update: December 15, 2023 at 4:25 UTC

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/home-m:

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<code><name>.mbsync.expunge</code>	for deletion from the given mail store.	"both"	Last update: December 15, 2023 at 4:25 UTC
<code>accounts.email.accounts.</code>	Account section extra configuration.	attribute set of (string or signed integer or boolean or list of string)	man /home-m:
<code><name>.mbsync.extraConfig.account</code>			
<code>accounts.email.accounts.</code>	Per channel extra configuration.	attribute set of (string or signed integer or boolean or list of string)	sear
<code><name>.mbsync.extraConfig.channel</code>			
<code>accounts.email.accounts.</code>	Local store extra configuration.	attribute set of (string or signed integer or boolean or list of string)	
<code><name>.mbsync.extraConfig.local</code>			
<code>accounts.email.accounts.</code>	Remote store extra configuration.	attribute set of (string or signed integer or boolean or list of string)	
<code><name>.mbsync.extraConfig.remote</code>			
<code>accounts.email.accounts.</code>	If set, flattens the hierarchy within the maildir by substituting the canonical hierarchy delimiter/ with this value.	null or string	
<code><name>.mbsync.flatten</code>			
<code>accounts.email.accounts.</code>	Some email providers (Gmail) have a different directory hierarchy for synchronized email messages.	attribute set of (submodule)	
<code><name>.mbsync.groups</code>	Namely, when using mbsync without specifying a set of channels into a group, all synchronized directories end up beneath the [Gmail]/ directory.		





Home Manager **OPTION SEARCH**

Attribute set of
the module

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/home-m:

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<name>.mbsync.gro together into this group.
<name>.channels When performing a synchronization, the groups are synchronized, rather than the individual channels.

accounts.email.accounts. Extra configuration lines to add to THIS channel's configuration. attribute set of (string or signed integer or boolean or list of string)
<name>.mbsync.gro ups.
<name>.channels.
<name>.extraConfig

accounts.email.accounts. IMAP4 patterns for which mailboxes on the remote mail server to sync. If Patterns are specified, farPatterns interpreted as a prefix which is not matched against the patterns, and is not affected by mailbox list overrides.

accounts.email.accounts. The unique name for THIS channel in <name>.mbsync.gro ups. THIS group. The group will refer to this <name>.channels. channel by this <name>.name name.





Home Manager **OPTION SEARCH**

(./)



/mip

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/home-m:

man

sear

<name>.mbsync.gro remote (far) mail
ups. server will end
<name>.channels. uplocally. The
<name>.nearPattern mailbox specified by
the far pattern will be
placed inthis
directory.

accounts.email.acco Instead of list of string
unts. synchronizing just
<name>.mbsync.gro the mailboxes
ups. thatmatch the
<name>.channels. farPattern, use it as
<name>.patterns a prefix which isnot
matched against the
patterns, and is not
affected by mailbox
listoverrides.

accounts.email.acco The name of this string (read only)
unts. group for this
<name>.mbsync.gro account. These
ups.<name>.name names are different
thansome others,
because they will
hide channel names
that are the same.

accounts.email.acco Pattern of mailboxes list of string
unts. to synchronize.
<name>.mbsync.patt
erns

accounts.email.acco Propagate mailbox one of “none”,
unts. deletions to the “maildir”, “imap”,
<name>.mbsync.re given mail store. “both”
move

accounts.email.acco The on-disk folder one of “Verbatim”,
unts. naming style. This “Maildir++”, “Legacy”
<name>.mbsync.sub option has noeffect
Folders when flatten is used.



Home Manager OPTION SEARCH <small>(./)</small>		
<code><name>.msmtp.enabled</code>	Extra configuration options to add to <code>~/.msmtprc</code> . See https://marlam.de/msmtp/msmtprc.txt for examples.	attribute set of string
<code>accounts.email.accounts.</code>	Fingerprint of a trusted TLS certificate. The fingerprint can be obtained by executing <code>msmtp --serverinfo --tls --tls-certcheck=off</code> .	null or string matching the pattern <code>([:alnum:]]{2}:)+[:alnum:]]{2}</code>
<code><name>.msmtp.tls.fingerprint</code>		
<code>accounts.email.accounts.</code>	Whether to enable mu indexing.	boolean
<code><name>.mu.enable</code>		
<code>accounts.email.accounts.</code>	Whether to enable mujmap JMAP synchronization for notmuch.	boolean
<code><name>.mujmap.enabled</code>		
<code>accounts.email.accounts.</code>	Warn if Notmuch is not also enabled for this account.	boolean
<code><name>.mujmap.notmuchSetupWarning</code>		
<code>accounts.email.accounts.</code>	Settings which are applied to mujmap.toml for the account.	TOML value
<code><name>.mujmap.settings</code>		
<code>accounts.email.accounts.</code>	Whether to create new mailboxes automatically on the server from notmuchtags.	boolean
<code><name>.mujmap.settings.auto_create_new_mailboxes</code>		





Home Manager **OPTION SEARCH**

or string
(.)

/mip

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sear

<name>.mujmap.set files while they are
tings.cache_dir being downloaded.
The default is
operating-system
specific.

accounts.email.acco Fully qualified null or string
unts. domain name of the
<name>.mujmap.set JMAP service.
tings.fqdn

accounts.email.acco Shell command null or string or list of
unts. which will print a string
<name>.mujmap.set password to stdout
tings.password_com for basic
mand HTTP authentication.

accounts.email.acco Session URL to null or string
unts. connect to.
<name>.mujmap.set
tings.session_url

accounts.email.acco Tag configuration. TOML value
unts.
<name>.mujmap.set
tings.tags

accounts.email.acco Tag for notmuch to string
unts. use for messages
<name>.mujmap.set stored in the mailbox
tings.tags.deleted labeled with
theTrash name
attribute.

accounts.email.acco Directory separator string
unts. for mapping
<name>.mujmap.set notmuch tags to
tings.tags.directory_ maildirs.
separator





Home Manager **OPTION SEARCH**

(./)



/mip

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sear

man

sear

<name>.mujmap.set stored in the mailbox
tings.tags.important labeled with
theImportant name
attribute and/or with
the
\$Importantkeyword.

accounts.email.acco Tag for notmuch to string
unts. use for messages
<name>.mujmap.set stored in the mailbox
tings.tags.inbox labeled with
theInbox name
attribute.

accounts.email.acco If true, translate all boolean
unts. mailboxes to
<name>.mujmap.set lowercase names
tings.tags.lowercase when mapping to
notmuchtags.

accounts.email.acco Tag for notmuch to string
unts. use for the IANA
<name>.mujmap.set \$Phishing keyword.
tings.tags.phishing

accounts.email.acco Tag for notmuch to string
unts. use for messages
<name>.mujmap.set stored in the mailbox
tings.tags.sent labeled with theSent
name attribute.

accounts.email.acco Tag for notmuch to string
unts. use for messages
<name>.mujmap.set stored in the mailbox
tings.tags.spam labeled with theJunk
name attribute
and/or with the
\$Junk
keyword, except for
messages with the
\$NotJunk keyword.

accounts.email.acco Username for basic null or string
unts. HTTP
<name>.mujmap.set authentication.
tings.username





Home Manager **OPTION SEARCH**

(read only)



/mip

set to the attribute
name of the account
configuration.

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sear

accounts.email.acco Whether to enable boolean
unts.
NeoMutt.
<name>.neomutt.en
able

accounts.email.acco Extra lines to add to strings concatenated
unts. the folder hook for with “\n”
<name>.neomutt.ext this account.
raConfig

accounts.email.acco List of extra list of (string or
unts. mailboxes submodule))
<name>.neomutt.ext
raMailboxes

accounts.email.acco Use a different name null or string
unts. as mailbox name
<name>.neomutt.ma
ilboxName

accounts.email.acco Command to send a null or string
unts. mail. If not set,
<name>.neomutt.se neomutt will be in
ndMailCommand charge of sending
mails.

accounts.email.acco Whether to enable boolean
unts. notmuch indexing.
<name>.notmuch.en
able

accounts.email.acco Whether to enable boolean
unts. Notmuch support in
<name>.notmuch.ne NeoMutt.
omutt.enable

accounts.email.acco List of virtual list of (submodule)
unts. mailboxes using
<name>.notmuch.ne Notmuch queries
omutt.virtualMailbox
es





Home Manager **OPTION SEARCH**

or signed integer

/mip



man

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sear

<name>.notmuch.ne the result.
 omutt.virtualMailbox
 es.*.limit

accounts.email.acco Name to display
 units.

<name>.notmuch.ne
 omutt.virtualMailbox
 es.*.name

accounts.email.acco Notmuch query
 units.

<name>.notmuch.ne
 omutt.virtualMailbox
 es.*.query

accounts.email.acco Reads all matching
 units. messages or whole-
 <name>.notmuch.ne threads. The default
 omutt.virtualMailbox is 'messages' or
 es.*.type nm_query_type.

accounts.email.acco Whether to enable
 units. OfflineIMAP.

<name>.offlineimap.
 enable

accounts.email.acco Extra configuration
 units. options to add to the
 <name>.offlineimap. account section.
 extraConfig.account

accounts.email.acco Extra configuration
 units. options to add to the
 <name>.offlineimap. local accountsection.
 extraConfig.local

accounts.email.acco Extra configuration
 units. options to add to the
 <name>.offlineimap. remote
 extraConfig.remote accountsection.

accounts.email.acco Command to run
 units. after fetching new
 <name>.offlineimap. mails.
 postSyncHookCom
 mand





Home Manager **OPTION SEARCH**

or string or list of
(.)

/mip

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man

sear

<name>.passwordCommand account password onstandard output.

accounts.email.accounts Whether this is the primary account.
<name>.primary Only one account may beset as primary.

accounts.email.accounts Name displayed when sending mails.
<name>.realName

accounts.email.accounts Signature configuration.
<name>.signature

accounts.email.accounts A command that generates a signature.
<name>.signature.command

accounts.email.accounts The delimiter used between the document and the signature.
<name>.signature.delimiter

accounts.email.accounts Method to communicate the signature.
<name>.signature.showSignature

accounts.email.accounts Signature content.
<name>.signature.text

accounts.email.accounts The SMTP configuration to use for this account.
<name>.smtp

accounts.email.accounts Hostname of SMTP server.
<name>.smtp.host





Home Manager **OPTION SEARCH**

for 16 bit
signed integer;



/mip

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man

/home-m:

sear

<code><name>.smtp.port</code>	listens. Ifnull then the default port is used.	between 0 and 65535 (both inclusive)
<code>accounts.email.accounts.</code>	Configuration for secure connections.	submodule
<code><name>.smtp.tls</code>		
<code>accounts.email.accounts.</code>	Whether to enable TLS/SSL.	boolean
<code><name>.smtp.tls.enabled</code>		
<code>accounts.email.accounts.</code>	Path to file containing certificate authorities that should be used to validate the connection authenticity. Ifnull then the system default is used. Note, if set then the system default may still be accepted.	null or path
<code><name>.smtp.tls.certificatesFile</code>		
<code>accounts.email.accounts.</code>	Whether to use STARTTLS.	boolean
<code><name>.smtp.tls.useStartTls</code>		
<code>accounts.email.accounts.</code>	Whether to enable the Thunderbird mail client for this account.	boolean
<code><name>.thunderbird.enable</code>		
<code>accounts.email.accounts.</code>	Extra settings to add to each identity of this Thunderbird account configuration. The id given as argument is an automatically generated identifier.	function that evaluates to a(n) attribute set of (boolean or signed integer or string)
<code><name>.thunderbird.perIdentitySettings</code>		



 Home Manager OPTION SEARCH		
<code><name>.thunderbird.profiles</code>	account should beenabled. If this list is empty (the default), this account willbe enabled for all declared profiles.	string <code>(.)</code>
<code>accounts.email.accounts</code>	Extra settings to add to this Thunderbird account	function that evaluates to a(n) attribute set of (boolean or signed integer or string)
<code><name>.thunderbird.settings</code>	configuration. The id given as argument is an automaticallygenerated account identifier.	
<code>accounts.email.accounts</code>	The server username of this account.	null or string
<code><name>.userName</code>	This will be used as the SMTP, IMAP, and JMAP user name.	
<code>accounts.email.certificatesFile</code>	Path to default file containing certificate authorities that should be used to validate the connection authenticity. This path may be overridden on a per-account basis.	null or path
<code>accounts.email.mail.dirBasePath</code>	The base directory for account maildir directories. May be a relative path, in which case it is relative the homedirectory.	string

Home Manager OPTION SEARCH			ute set of configuration system.	ute set of (GVariant value)	Last update: December 15, 2023 at 4:25 UTC	/mip communi man /home-m: sear
editorconfig.enable	Whether to enable EditorConfig home configuration file.	boolean				
editorconfig.settings	Configuration written to \$HOME/.editorconfig .root = true is automatically added to the file, it must not be added here. See https://editorconfig.org for documentation.	attribute set of attribute set of (INI atom (null, bool, int, float or string))				
fonts.fontconfig.enabled	Whether to enable fontconfig configuration. This will, for example, allow fontconfig to discover fonts and configurations installed through home.packages and nix-env.	boolean				
gtk.enable	Whether to enable GTK 2/3 configuration.	boolean				
gtk.cursorTheme	The cursor theme to use.	null or (submodule)				
gtk.cursorTheme.package	Package providing the cursor theme. This package will be installed to your profile. If null then the theme is assumed to already be available in your profile.	null or package				

Home Manager OPTION SEARCH (./)		
	the package.	Last update: December 15, 2023 at 4:25 UTC
gtk.cursorTheme.size	The size of the cursor.	null or signed integer
gtk.font	The font to use in GTK+ 2/3 applications.	null or (submodule)
gtk.font.package	Package providing the font. This package will be installed to your profile. If null then the font is assumed to already be available in your profile.	null or package
gtk.font.name	The family name of the font within the package.	string
gtk.font.size	The size of the font.	null or signed integer or floating point number
gtk.gtk2.configLocation	The location to put the GTK configuration file.	path
gtk.gtk2.extraConfig	Extra configuration lines to add verbatim to ~/.gtkrc-2.0.	strings concatenated with "\n"
gtk.gtk3.bookmarks	Bookmarks in the sidebar of the GTK file browser	list of string
gtk.gtk3.extraConfig	Extra configuration options to add to \$XDG_CONFIG_HOME/OME/gtk-3.0/settings.ini.	attribute set of (boolean or signed integer or string)

Home Manager OPTION SEARCH			/mipmip
This page lists all options concatenated from <code>HOME/.config/gtk-3.0/gtk.css</code> and <code>HOME/.config/gtk-4.0/gtk.css</code> .			Last update: December 15, 2023 at 4:25 UTC
To add configuration to <code>\$XDG_CONFIG_HOME</code> (e.g. <code>HOME/.config/gtk-3.0/gtk.css</code>), use the <code>extraConfig</code> option.			man /home-manager-option-search
gtk gtk4.extraConfig	Extra configuration options to add to <code>\$XDG_CONFIG_HOME</code> (<code>HOME/.config/gtk-4.0/settings.ini</code>).	attribute set of (boolean or signed integer or string)	search
gtk gtk4.extraCss	Extra configuration lines to add verbatim to <code>\$XDG_CONFIG_HOME</code> (<code>HOME/.config/gtk-4.0/gtk.css</code>).	strings concatenated with "\n"	
gtk.iconTheme	The icon theme to use.	null or (submodule)	
gtk.iconTheme.package	Package providing the icon theme. This package will be installed to your profile. If null then the theme is assumed to already be available in your profile.	null or package	
gtk.iconTheme.name	The name of the icon theme within the package.	string	
gtk.theme	The GTK+2/3 theme to use.	null or (submodule)	
gtk.theme.package	Package providing the theme. This package will be installed to your profile. If null then the theme is assumed to already be available in your profile.	null or package	
gtk.theme.name	The name of the theme within the package.	string	



Home Manager **OPTION SEARCH**

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(.)

/mip

communi

man

/home-m:

sear

symbols for gdb in the debug output. This option ensures that those are automatically fetched from the binary cache if available and gdb is configured to find those symbols.

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/home-m:
search

home.enableNixpkgs	Determines whether boolean
ReleaseCheck	to check for release version mismatch between HomeManager and Nixpkgs. Using mismatched versions is likely to cause errors and unexpected behavior. It is therefore highly recommended to use a release of Home Manager that corresponds with your chosen release of Nixpkgs.

home.packages	The set of packages to appear in the user environment.	list of package
---------------	--	-----------------





Home Manager **OPTION SEARCH**

of string
(.)

/mip

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man

/home-m:

sear

when activating a HomeManager generation. Any entry here should be idempotent, meaning running twice or more times produces the same results as running it once.

home.extraOutputsT oInstall	List of additional package outputs of the	list of string
--------------------------------	---	----------------

packages home.packages that should be installed into the user environment.

home.file	Attribute set of files to link into the user home.	attribute set of (submodule)
-----------	--	------------------------------

home.file. <name>.enable	Whether this file should be generated. This option allows specific files to be disabled.	boolean
-----------------------------	--	---------

home.file. <name>.executable	Set the execute bit. If null or boolean null, defaults to the mode of the source file or to false for files created through the text option.	boolean
---------------------------------	--	---------

home.file. <name>.onChange	Shell commands to run when file has changed between generations. The script will be run after the new files have been linked into place.	strings concatenated with "\n"
-------------------------------	--	--------------------------------





Home Manager **OPTION SEARCH**

/mip

communi

man

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/home-m:

sear

optiondetermines whether the directory should be recursivelylinked to the target location. This option has no effectif the source is a file.

home.file. <name>.source	Path of the source file or directory.	path
-----------------------------	---------------------------------------	------

Ifhome.file..textis non-null then this option will automatically point to a filecontaining that text.

home.file. <name>.target	Path to target file relative to HOME.	string
-----------------------------	---------------------------------------	--------

home.file. <name>.text	Text of the file. If this option is null thenhome.file..sourc emust be set.	null or strings concatenated with “\n”
---------------------------	---	--

home.homeDirectory	The user’s home directory. Must be an absolute path.	path
--------------------	--	------

home.keyboard	Keyboard configuration. Set to null todisable Home Manager keyboard management.	null or (submodule)
---------------	---	---------------------

home.keyboard.layo ut	Keyboard layout. If null, then the systemconfiguration will be used.	null or string
-----------------------	--	----------------

home.keyboard.mod el	Keyboard model.	null or string
----------------------	-----------------	----------------

home.keyboard.optio ns	X keyboard options; layout switching goes here.	list of string
------------------------	---	----------------





Home Manager **OPTION SEARCH**

or string
(.)

the system configuration will be used.

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sear

home.language	Language configuration.	submodule
home.language.address	The language to use for addresses.	null or string
home.language.base	The language to use unless overridden by a more specific option.	null or string
home.language.collate	The language to use for collation (alphabetical ordering).	null or string
home.language.ctype	Character classification category.	null or string
home.language.measurement	The language to use for measurement values.	null or string
home.language.messages	The language to use for messages, application UI languages, etc.	null or string
home.language.monetary	The language to use for formatting currencies and money amounts.	null or string
home.language.name	The language to use for personal names.	null or string
home.language.numeric	The language to use for numerical values.	null or string
home.language.paper	The language to use for paper sizes.	null or string





Home Manager **OPTION SEARCH**

or string
(.?)

/mip

numbers.

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man

home.language.time	The language to use for formatting times.	null or string	/home-m: sear
home.pointerCursor	Cursor configuration. Set to null to disable.	null or (submodule)	
home.pointerCursor.package	Package providing the cursor theme.	package	
home.pointerCursor.gtk.enable	Whether to enable gtk config generation for home.pointerCursor.	boolean	
home.pointerCursor.name	The cursor name within the package.	string	
home.pointerCursor.size	The cursor size.	signed integer	
home.pointerCursor.x11.enable	Whether to enable x11 config generation for home.pointerCursor.	boolean	
home.pointerCursor.x11.defaultCursor	The default cursor file to use within the package.	string	
home.profileDirectory	The profile directory where Home Manager generations are installed.	path (read only)	
home.sessionPath	Extra directories to add to PATH.	list of string	
home.sessionVariables	Environment variables to always set at login.	lazy attribute set of (string or path or signed integer or floating point number)	



top level attribute
names in this option)
to command strings
or directly to build
outputs.

home.stateVersion	It is occasionally necessary for Home Manager to change configuration defaults in a way that is incompatible with stateful data. This could, for example, include switching the default data format or location of a file.	one of “18.09”, “19.03”, “19.09”, “20.03”, “20.09”, “21.03”, “21.05”, “21.11”, “22.05”, “22.11”, “23.05”, “23.11”, “24.05”
home.username	The user’s username.	string
i18n.glibcLocales	Customized glibcLocales package providing the LOCALE_ARCHIVE _* environment variable.	path
i18n.inputMethod.enabled	Select the enabled input method. Input methods are software to inputsymbols that are not available on standard input devices.	null or one of “fcitx”, “fcitx5”, “nabi”, “uim”, “hime”, “kime”





method. The next generation of fcitx.Addons (including engines, dictionaries, skins) can be added using i18n.inputMethod.fcitx5.addons.

A Korean input method based on XIM. Nabi doesn't support Qt 5.

The "universal input method" is a library with an XIM bridge. uim mainly supports Chinese, Japanese and Korean.

An extremely easy-to-use input method framework.

A Korean IME.

i18n.inputMethod.fcitx5.addons	Enabled Fcitx5 addons.	list of package
--------------------------------	------------------------	---------------------------------

i18n.inputMethod.kime.config	Kime configuration. Refer to https://github.com/Riey/kime/blob/develop/docs/CONFIGURATION.md for details on supported values.	YAML value
------------------------------	---	------------

i18n.inputMethod.uim.toolbar	Selected UIM toolbar.	one of "gtk", "gtk3", "gtk-systray", "gtk3-systray", "qt4"
------------------------------	-----------------------	--





Home Manager **OPTION SEARCH**

/mipmip community

define per-user
daemons by making
useof launchd's
LaunchAgents.

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[/home-m.../man](#)
[/home-m.../search](#)

launchd.agents	Define LaunchAgents.	attribute set of (submodule)
launchd.agents.<name>.enable	Whether to enable <name>.	boolean
launchd.agents.<name>.config	Define a launchd job. See launchd.plist(5) for details.	attribute set of anything
launchd.agents.<name>.config.AllowProcessGroup	When a job dies, launchd kills any remaining processes with the same process group ID as the job. Setting this key to true disables that behavior.	null or boolean
launchd.agents.<name>.config.Debug	This optional key specifies that launchd should adjust its log mask temporarily to LOG_DEBUG while dealing with this job.	null or boolean





Home Manager **OPTION SEARCH**

or boolean



/mip

bled

launchctl(1) that it should not submit this job to launchd when loading a job or jobs. The value of this key does NOT reflect the current state of the job on the running system. If you wish to know whether a job is loaded in launchd, reading this key from a configuration file yourself is not a sufficient test. You should query launchd for the presence of the job using the launchctl(1) list subcommand or use the ServiceManagement framework's SMJobCopyDictionary() method.

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man

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sear

launchd.agents.
<name>.config.EnableGlobbing

This flag causes launchd to use the glob(3) mechanism to update the program arguments before invocation.

null or boolean





idleTransactions

promises to use vproc_transaction_begin(3) and vproc_transaction_end(3) to track outstanding transactions that need to be reconciled before the process can safely terminate. If no outstanding transactions are in progress, then launchd is free to send the SIGKILL signal.

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[/home-m...](#)
search

launchd.agents.<name>.config.EnvironmentVariables

This optional key is used to specify additional environment variables to be set before running the job.

null or (attribute set of string)

launchd.agents.<name>.config.ExitTimeOut

The amount of time launchd waits before sending a SIGKILL signal. The default value is 20 seconds. The value zero is interpreted as infinity.

null or signed integer





pName

to run the job as.
This key is only applicable when launchd is running as root. If UserName is set and GroupName is not, the the group will be set to the defaultgroup of the user.

launchd.agents.
<name>.config.Hard

Resource limits to be imposed on the job.

ResourceLimits

These adjust variables set with setrlimit(2). The following keys apply:

launchd.agents.
<name>.config.Hard

The maximum amount of cpu time

null or signed integer

ResourceLimits.CPU

(in seconds) to be used by each process.

launchd.agents.
<name>.config.Hard

The largest size (in bytes) core file that

null or signed integer

ResourceLimits.Core

may be created.

launchd.agents.
<name>.config.Hard

The maximum size (in bytes) of the data

null or signed integer

ResourceLimits.Data

segment for a process; this defines how far a program may extend its break with the sbrk(2) system call.

launchd.agents.
<name>.config.Hard

The largest size (in bytes) file that may

null or signed integer

ResourceLimits.File

be created.

Size





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or signed integer



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sear

ResourceLimits.MemoryLock process may lock into memory using the mlock(2) function.

launchd.agents.<name>.config.Hard ResourceLimits.NumOfFiles The maximum number of open files for this process. Setting this value in a system wide daemon will set the sysctl(3) kern.maxfiles (SoftResourceLimits) or kern.maxfilesperproc (HardResourceLimits) value in addition to the setrlimit(2) values.

launchd.agents.<name>.config.Hard ResourceLimits.NumOfProcesses The maximum number of simultaneous processes for this user id. Setting this value in a systemwide daemon will set the sysctl(3) kern.maxproc (SoftResourceLimits) or kern.maxprocperuid(HardResourceLimits) value in addition to the setrlimit(2) values.





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or signed integer



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ResourceLimits.ResidentSetSize process's resident set size may grow. This imposes a limit on the amount of physical memory to be given to a process; if memory is tight, the system will prefer to take memory from processes that are exceeding their declared resident set size.

launchd.agents.<name>.config.HardResourceLimits.Stack The maximum size (in bytes) of the stack segment for a process; this defines how far a program's stack segment may be extended. Stack extension is performed automatically by the system.

launchd.agents.<name>.config.InitGroups This optional key specifies whether initgroups(3) should be called before running the job. The default is true in 10.5 and false in 10.4. This key will be ignored if the UserName key is not set.



Home Manager OPTION SEARCH		
Alive	whether your job is to be kept continuously running or to let demand and conditions control the invocation. The default is false and therefore only demand will start the job. The value may be set to true to unconditionally keep the job alive. Alternatively, a dictionary of conditions may be specified to selectively control whether launchd keeps a job alive or not. If multiple keys are provided, launchd ORs them, thus providing maximum flexibility to the job to refine the logic and stall if necessary. If launchd finds no reason to restart the job, it falls back on demand based invocation. Jobs that exit quickly and frequently when configured to be kept alive will be throttled to conserve system resources.	or boolean or (.) module) Last update: December 15, 2023 at 4:25 UTC /home-m: sear
launchd.agents.<name>.config.Label	This required key uniquely identifies the job to launchd.	string

Home Manager OPTION SEARCH		or (attribute set)	/mip communi man /home-m: sear
chEvents	<p>be used as launch-on-demand eventsources. Each sub-dictionary defines events for a particular eventsubsystem, such as “com.apple.iokit.matching”, which can be used to launch jobs based on the appearance of nodes in the IORegistry. Each dictionary within the sub-dictionary specifies an event descriptor that is specified to each event subsystem. With this key, the job promises to use the xpc_set_event_stream_handler(3) API to consume events. See <code>xpc_events(3)</code> for more details on event sources.</p>		Last update: December 15, 2023 at 4:25 UTC
launchd.agents.<name>.config.LaunchOnlyOnce	<p>This optional key specifies whether the job can only be run once and only once. In other words, if the job cannot be safely respawned without a full machine reboot, then set this key to be true.</p>	null or boolean	

 Home Manager OPTION SEARCH <small>or (list of string) (.)</small>		
LoadFromHosts	hosts NOT listed with this key. Note: One should set kern.hostnamein sysctl.conf(5) for this feature to work reliably.	null or (list of string) Last update: December 15, 2023 at 4:25 UTC /home-m...
launchd.agents.<name>.config.Limit	This configuration file only applies to the hosts listed with this key. Note: One should set kern.hostnamein sysctl.conf(5) for this feature to work reliably.	null or (list of string)
LoadToHosts		
launchd.agents.<name>.config.Limit	This configuration file only applies to sessions of the type specified. This key is used in concertwith the -S flag to launchctl.	null or string
LoadToSessionType		
launchd.agents.<name>.config.LowPriorityIO	This optional key specifies whether the kernel should consider this daemon to be low priority whendoing file system I/O.	null or boolean



**hServices**

Mach services to be registered with the Mach bootstrap subsystem. Each key in this dictionary should be the name of service to be advertised. The value of the key must be a boolean and set to true. Alternatively, a dictionary can be used instead of a simple true value.

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**launchd.agents.
<name>.config.Mac
hServices.HideUntil
CheckIn**

Reserve the name in the namespace, but cause `bootstrap_look_up()` to fail until the job has checked in with launchd.





Home Manager **OPTION SEARCH**

or boolean



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communi

man

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hServices.ResetAtClose
recycled, thus
leaving clients to
remain oblivious to
themand nature of
job. If the value is
set to true, clients
receive port death
notifications whenthe
job lets go of the
receive right. The
port will be recreated
atomically with
respect to
bootstrap_look_up()
calls, so that clients
can trust that after
receiving a port
death notification, the
new port will have
already been
recreated. Setting
the value to true
should be done
withcare. Not all
clients may be able
to handle this
behavior. The default
value is false.

launchd.agents.<name>.config.Nice	This optional key specifies what nice(3) value should be applied to the daemon.	null or signed integer
-----------------------------------	---	------------------------



Home Manager OPTION SEARCH		or boolean (.)	/mip /communi man /home-m: sear
emand	control whether a job was kept alive or not. The default wastrue.		Last update: December 15, 2023 at 4:25 UTC
	This key has been deprecated and replaced in Mac OS X 10.5 and later with the more powerfulKeepAlive option.		
launchd.agents.<name>.config.ProcessType	This optional key describes, at a high level, the intended purpose of the job. The system will applyresource limits based on what kind of job it is. If left unspecified, the system will apply lightresource limits to the job, throttling its CPU usage and I/O bandwidth. The following are valid values:	null or one of "Background", "Standard", "Adaptive", "Interactive"	
	Background jobs are generally processes that do work that was not directly requested by the user. The resource limits applied to Background jobs are intended to prevent them from disrupting theuser experience.		
	Standard jobs are equivalent to no ProcessType being set.		



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Background and
Interactive
classifications based
on activity overXPC
connections. See
`xpc_transaction_beg`
in(3) for details.

Interactive jobs run
with the same
resource limitations
as apps, that is to
say, none.
Interactive jobs are
critical to
maintaining a
responsive user
experience, and this
key should only
be used if an app's
ability to be
responsive depends
on it, and cannot be
made Adaptive.

`launchd.agents.<name>.config.Program`

This key maps to the null or path
first argument of
`execvp(3)`. If this key
is missing, then the
first element of the
array of strings
provided to the
ProgramArguments
will be used instead.
This key is required
in the absence of the
ProgramArguments
key.



Home Manager OPTION SEARCH		or (list of string)	/mip communi man /home-m: sear
ramArguments	execvp(3). This key is required in the absence of the Programkey. Please note: many people are confused by this key. Please read execvp(3) very carefully!		Last update: December 15, 2023 at 4:25 UTC
launchd.agents.<name>.config.QueueDirectories	Much like the WatchPaths option, this key will watch the paths for modifications. The difference being that the job will only be started if the path is a directory and the directory is not empty.	null or (list of string)	
launchd.agents.<name>.config.RootDirectory	This optional key is used to specify a directory to chroot(2) to before running the job.	null or string	
launchd.agents.<name>.config.RunAtLoad	This optional key is used to control whether your job is launched once at the time the job is loaded. The default is false.	null or boolean	





ets

launch on demand
sockets that can be
used to let launchd
know where to run the
job. The job must
check-in to get a
copy of the file
descriptors using
APIs outlined
`inlaunch(3)`. The
keys of the top level
Sockets dictionary
can be anything.
They are meant for
the
application developer
to use to differentiate
which descriptors
correspond to which
application level
protocols (e.g. http
vs. ftp vs. DNS...).
At check-in time, the
value of each
Sockets dictionary
key will be an array of
descriptors.
Daemon/Agent
writers should
consider all
descriptors of a
given key to be
effectively
equivalent, even
though each file
descriptor likely
represents a
different
networking protocol
which conforms to
the criteria specified
in the job
configuration file.



Home Manager **OPTION SEARCH**

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ets.<name>.Bonjour request that the service be registered with themDNSResponder (8). If the value is boolean, the service name is inferred from the SockServiceName.

launchd.agents.<name>.config.Socks. MulticastGroup can be used to request that the datagram socket join a multicast group. If the value is a hostname, then getaddrinfo(3) will be used to join the correct multicast address for a given socket family. If an explicit IPv4 or IPv6 address is given, it is required that the SockFamily family also be set, otherwise the results are undefined.

launchd.agents.<name>.config.Sock. Instead of binding to a known path, a securely generated socket is created and the path is assigned to the environment variable that is inherited by all jobs spawned by launchd.





Home Manager **OPTION SEARCH**

for one of “IPv4”,
“IPv6” or “(.)”

/mip

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sear

ets. specifically request
<name>.SockFamily that “IPv4” or “IPv6”
socket(s) be created.

man
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sear

launchd.agents. This optional key null or string
<name>.config.Sock specifies the node to
ets. connect(2) or bind(2)
<name>.SockNodeN to.
ame

launchd.agents. This optional key null or boolean
<name>.config.Sock specifies whether
ets. listen(2) or
<name>.SockPassiv connect(2) should
e be called on the
created
filedescriptor. The
default is true (“to
listen”).

launchd.agents. This optional key null or signed integer
<name>.config.Sock specifies the mode
ets. of the socket. Known
<name>.SockPathM bug: Property lists
ode don't support octal,
so please convert
the value to decimal.

launchd.agents. This optional key null or path
<name>.config.Sock implies SockFamily
ets. is set to “Unix”. It
<name>.SockPathN specifies the path to
ame connect(2) or bind(2)
to.

launchd.agents. This optional key null or value “TCP”
<name>.config.Sock specifies the (singular enum)
ets. protocol to be
<name>.SockProtoc passed to socket(2).
ol The only value
understood by this
key at the moment is
“TCP”.



Home Manager OPTION SEARCH		
ets.	on the node to	or string (.)
<name>.SockServiceName	connect(2) or bind(2)	Last update: December 15, 2023 at 4:25 UTC
launchd.agents.<name>.config.SockType	This optional key tells launchctl what type of socket to create. The default is "stream" and other valid values for this key are "dgram" and "seqpacket" respectively.	null or one of "stream", "dgram", "seqpacket"
launchd.agents.<name>.config.ResourceLimits	Resource limits to be imposed on the job. These adjust variables set with setrlimit(2). The following keys apply:	null or (submodule)
launchd.agents.<name>.config.ResourceLimits.CPU	The maximum amount of CPU time (in seconds) to be used by each process.	null or signed integer
launchd.agents.<name>.config.ResourceLimits.Core	The largest size (in bytes) core file that may be created.	null or signed integer
launchd.agents.<name>.config.ResourceLimits.Data	The maximum size (in bytes) of the data segment for a process; this defines how far a program may extend its break with the sbrk(2) system call.	null or signed integer
launchd.agents.<name>.config.ResourceLimits.FileSize	The largest size (in bytes) file that may be created.	null or signed integer



Home Manager OPTION SEARCH		
ResourceLimits.MemoryLock	process may lock into memory using the mlock(2) function.	null or signed integer (.)
launchd.agents.<name>.config.SoftResourceLimits.NumberOfFiles	The maximum number of open files for this process. Setting this value in a system wide daemon will set the sysctl(3) kern.maxfiles (SoftResourceLimits) or kern.maxfilesperproc (HardResourceLimits) value in addition to the setrlimit(2) values.	null or signed integer
launchd.agents.<name>.config.SoftResourceLimits.NumberOfProcesses	The maximum number of simultaneous processes for this user id. Setting this value in a systemwide daemon will set the sysctl(3) kern.maxproc (SoftResourceLimits) or kern.maxprocperuid(HardResourceLimits) value in addition to the setrlimit(2) values.	null or signed integer





Home Manager **OPTION SEARCH**

or signed integer



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ResourceLimits.ResidentSetSize process's resident set size may grow. This imposes a limit on the amount of physical memory to be given to a process; if memory is tight, the system will prefer to take memory from processes that are exceeding their declared resident set size.

launchd.agents.<name>.config.StackSize The maximum size (in bytes) of the stack segment for a process; this defines how far a program's stack segment may be extended. Stack extension is performed automatically by the system.

launchd.agents.<name>.config.StandardErrorPath This optional key specifies what file should be used for data being sent to stderr when using stdio(3).

launchd.agents.<name>.config.StandardInPath This optional key specifies what file should be used for data being supplied to stdin when using stdio(3).





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dardOutPath

should be used for data being sent to stdout when using stdio(3).

man
/home-m:
searlaunchd.agents.
<name>.config.Start
CalendarInterval

This optional key causes the job to be started every calendar interval as specified. Missing arguments are considered to be wildcard. The semantics are much like crontab(5). Unlike cron which skips job invocations when the computer is asleep, launchd will start the job the next time the computer wakes up. If multiple intervals transpire before the computer is woken, those events will be coalesced into one event upon wake from sleep.

null or (list of
(submodule))launchd.agents.
<name>.config.Start
CalendarInterval.*.D
ay

The day on which this job will be run.

null or signed integer

launchd.agents.
<name>.config.Start
CalendarInterval.*.H
our

The hour on which this job will be run.

null or signed integer

launchd.agents.
<name>.config.Start
CalendarInterval.*.M
inute

The minute on which this job will be run.

null or signed integer

Home Manager OPTION SEARCH		
CalendarInterval.*.Month	or signed integer (.)	/mip
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		/home-m:
launchd.agents.<name>.config.Start	The weekday on which this job will be run (0 and 7 are Sunday).	search
CalendarInterval.*.Weekday	run (0 and 7 are Sunday).	
launchd.agents.<name>.config.StartInterval	This optional key causes the job to be started every N seconds. If the system is asleep, the job will be started the next time the computer wakes up. If multiple intervals transpire before the computer is woken, those events will be coalesced into one event upon wake from sleep.	null or signed integer
launchd.agents.<name>.config.StartOnMount	This optional key causes the job to be started every time a filesystem is mounted.	null or boolean



Home Manager OPTION SEARCH		or signed integer (.)	/mip communi man /home-m: sear
idleInterval	throttling policy imposed on jobs by launchd. The value is in seconds, and by default, jobs will not be spawned more than once every 10 seconds. The principle behind this is that jobs should linger around just in case they are needed again in the near future. This not only reduces the latency of responses, but it encourages developers to amortize the cost of program invocation.		Last update: December 15, 2023 at 4:25 UTC
launchd.agents.<name>.config.TimeOut	The recommended idle time out (in seconds) to pass to the job. If no value is specified, a default timeout will be supplied by launchd for use by the job at check in time.	null or signed integer	
launchd.agents.<name>.config.Umask	This optional key specifies what value should be passed to umask(2) before running the job. Known bug: Property lists don't support octal, so please convert the value to decimal.	null or signed integer	

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Name	Description	Type
runAsRoot	run the job as. This key is only applicable when launchd is running as root.	null or string (.)
launchd.agents.<name>.config.WaitForDebugger	This optional key specifies that launchd should instruct the kernel to have the job wait for a debugger to attach before any code in the job is executed.	null or boolean
launchd.agents.<name>.config.WatchPaths	This optional key causes the job to be started if any one of the listed paths are modified.	null or (list of path)
launchd.agents.<name>.config.WorkingDirectory	This optional key is used to specify a directory to chdir(2) to before running the job.	null or string
launchd.agents.<name>.config.inetdCompatibility	The presence of this key specifies that the daemon expects to be run as if it were launched from inetd.	null or (submodule)



Home Manager OPTION SEARCH		
Compatibility.Wait	"wait" or "nowait" option of inetd. If true, then the listeningsocket is passed via the standard in/out/error file descriptors. If false, then accept(2) is called on behalf of the job, and the result is passed via the standard in/out /error descriptors.	or boolean or (.)
lib	This option allows modules to define helper functions,constants, etc.	attribute set of (attribute set)
manual.html.enable	Whether to install the HTML manual. This also installs thehome-manager- help tool, which opens a localcopy of the Home Manager manual in the system web browser.	boolean
manual.json.enable	Whether to install a JSON formatted list of all Home Manageroptions. This can be located at/share/doc/home- manager /options.json, and may be used for navigating definitions, auto- completing, and other miscellaneous tasks.	boolean





manual page. The manual can be reached by running `home-configuration.nix`.

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[/home-m](#)

news.display

How unread and relevant news should be presented when running home-manager build and `home-manager switch`.

Do not print anything during build or `switch`. The `home-manager news` command still works for viewing the entries.

The number of unread and relevant news entries will be printed to standard output. The `home-manager news` command can later be used to view the entries.

A pager showing unread news entries is opened.

nix.package

The Nix package that the configuration should be generated for.





collection.
(For details, see the
Nixpkgs
documentation.) It
allows you to
setpackage
configuration
options.

nixpkgs.overlays	List of overlays to use with the Nix Packages collection. (For details, see the Nixpkgs documentation.) It allows you to override packages globally. This is a function that takes as an argument the original Nixpkgs. The first argument should be used for finding dependencies, and the second should be used for overriding recipes.	null or (list of (nixpkgs overlay))
------------------	---	-------------------------------------

pam.sessionVariable	Environment variables that will be set for the PAM session. The variable values must be as described in <code>pam_env.conf(5)</code> .	attribute set
---------------------	--	---------------



 Home Manager OPTION SEARCH		
Refer to <a abook="" ci="" git="" href="https://developers.yubico.com/yubico-pamfor details on how to obtain the token ID of a YubiKey.</td><td>string of length (.)</td><td>/mip
communi
man
/home-m:
sear</td></tr><tr><td>pam.yubico.authorizedYubiKeys.path</td><td>File path to write the authorized YubiKeys, relative to HOME.</td><td>string</td></tr><tr><td>programs.abook.enabled</td><td>Whether to enable Abook.</td><td>boolean</td></tr><tr><td>programs.abook.extraConfig</td><td>Extra lines added to \$HOME/.config /abook /abookrc. Available configuration options are described in the abook repository: https://sourceforge.net/p/abook/git/ci/master/tree/sample.abookrc .	strings concatenated with "\n"	
programs.aerc.enabled	Whether to enable aerc.	boolean
programs.aerc.package	The aerc package to use.	package
programs.aerc.extraAccounts	Extra lines added to \$HOME/.config /aerc/accounts.conf.	strings concatenated with "\n" or attribute set of attribute set of (values (null, bool, int, string, or float) or a list of values, that will be joined with a comma)





Home Manager **OPTION SEARCH**

is concatenated
with “\n” or attribute

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/aerc/binds.conf.Global keybindings can be set in the global section.

set of attribute set of (values (null, bool, int, string, or float) or a list of values, that will be joined with a comma)

programs.aerc.extra Config Extra lines added to \$HOME/.config /aerc/aerc.conf. strings concatenated with “\n” or attribute set of attribute set of (values (null, bool, int, string, or float) or a list of values, that will be joined with a comma)

programs.aerc.styles ets Stylesets added to \$HOME/.config /aerc/stylesets/. attribute set of ((attribute set of (values (null, bool, int, string, or float) or a list of values, that will be joined with a comma)) or strings concatenated with “\n”)

programs.aerc.templates Templates added to \$HOME/.config /aerc/templates/. attribute set of strings concatenated with “\n”

programs.afew.enabled Whether to enable the afew initial tagging script for Notmuch. boolean





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is concatenated



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file.
Available configurations concatenated
n options are
described in the
afew
manual:<https://afew.readthedocs.io/en/latest/configuration.html>.

`programs.alacritty.enabled` Whether to enable Alacritty. boolean

`programs.alacritty.package` The Alacritty package to install.

`programs.alacritty.settings` Configuration written to \$XDG_CONFIG_HOME/alacritty/alacritty.yml. YAML value See <https://github.com/alacritty/alacritty/blob/master/alacritty.yml> for the default configuration.

`programs.alot.enabled` Whether to enable the Alot mail user agent. Alot uses the Notmuch email system and will therefore be automatically enabled for each email account that is managed by Notmuch. boolean

`programs.alot.bindings` Keybindings. submodule

`programs.alot.bindings.bufferlist` Bufferlist mode keybindings. attribute set of string

`programs.alot.bindings.envelope` Envelope mode keybindings. attribute set of string



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programs.alot.bindings.search	Search mode keybindings.	attribute set of string (.) Last update: December 15, 2023 at 4:25 UTC /home-m:sear
programs.alot.bindings.taglist	Taglist mode keybindings.	attribute set of string
programs.alot.bindings.thread	Thread mode keybindings.	attribute set of string
programs.alot.extraConfig	Extra lines added to alot configuration file.	strings concatenated with "\n"
programs.alot.hooks	Content of the hooks file.	strings concatenated with "\n"
programs.alot.settings	Configuration options added to alot configuration file.	attribute set of (string or signed integer or boolean or floating point number)
programs.alot.tags	How to display the tags.	attribute set of (submodule)
programs.alot.tags.<name>.focus	How to display the tag when focused.	null or string
programs.alot.tags.<name>.normal	How to display the tag when unfocused.See https://alot.readthedocs.io/en/latest/configuration/theming.html#tagstring-formatting .	null or string
programs.alot.tags.<name>.translated	Fixed string representation for this tag. The tag can be hidden from view, if the key translated is set to "", the empty string.	null or string





Home Manager **OPTION SEARCH**

or string
(.)

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substitution
to compute the string
representation on
the fly using `re.sub`.

programs.aria2.enabled	Whether to enable aria2.	boolean
programs.aria2.extraConfig	Extra lines added to aria2.conf file.	strings concatenated with "\n"
programs.aria2.settings	Options to add to aria2.conf file. See <code>aria2c(1)</code> for options.	attribute set of (boolean or floating point number or signed integer or string)
programs.astroid.enabled	Whether to enable Astroid.	boolean
programs.astroid.ernalEditor	You can use the following variables:	null or string
	file name	
	server name	
	socket ID	
programs.astroid.raConfig	JSON config that will override the default Astroid configuration.	JSON value
programs.astroid.pollScript	Script to run to fetch/update mails.	string
programs.atuin.enabled	Whether to enable atuin.	boolean
programs.atuin.enabledBashIntegration	Whether to enable Atuin's Bash integration. This will bind <code>ctrl-r</code> to open the Atuin history.	boolean
programs.atuin.enabledFishIntegration	Whether to enable Atuin's Fish integration.	boolean





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programs.atuin.enableZshIntegration	Whether to enable Atuin's Zsh integration.	boolean	Last update: December 15, 2023 at 4:25 UTC
programs.atuin.package	The package to use for atuin.	package	/home-m: sear
programs.atuin.flags	Flags to append to the shell hook.	list of string	
programs.atuin.settings	Configuration written to \$XDG_CONFIG_HOME/Atuin/config.toml.	Atuin configuration	
programs.autojump.enable	Whether to enable autojump.	boolean	
programs.autojump.enableBashIntegration	Whether to enable Bash integration.	boolean	
programs.autojump.enableFishIntegration	Whether to enable Fish integration.	boolean	
programs.autojump.enableZshIntegration	Whether to enable Zsh integration.	boolean	
programs.autorandr.enable	Whether to enable Autorandr.	boolean	
programs.autorandr.hooks	Global hook scripts	submodule	
programs.autorandr.hooks.postswitch	Postswitch hook executed after mode switch.	attribute set of strings concatenated with "\n"	
programs.autorandr.hooks.predetect	Predetect hook executed before autorandr attempts to run xrandr.	attribute set of strings concatenated with "\n"	
programs.autorandr.hooks.preswitch	Preswitch hook executed before mode switch.	attribute set of strings concatenated with "\n"	





Home Manager **OPTION SEARCH**

Attribute set of
(`./`)
module)

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man

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programs.autorandr. profiles. <code><name>.config</code>	Per output profile configuration.	attribute set of (submodule)
programs.autorandr. profiles. <code><name>.enable</code>	Whether to enable the output.	boolean
programs.autorandr. profiles. <code><name>.config.</code> <code><name>.crtc</code>	Output video display controller.	null or unsigned integer, meaning ≥ 0
programs.autorandr. profiles. <code><name>.config.</code> <code><name>.dpi</code>	Output DPI configuration.	null or positive integer, meaning > 0
programs.autorandr. profiles. <code><name>.config.</code> <code><name>.filter</code>	Interpolation method to be used for scaling the output.	null or one of “bilinear”, “nearest”
programs.autorandr. profiles. <code><name>.config.</code> <code><name>.gamma</code>	Output gamma configuration.	string
programs.autorandr. profiles. <code><name>.config.</code> <code><name>.mode</code>	Output resolution.	string
programs.autorandr. profiles. <code><name>.config.</code> <code><name>.position</code>	Output position	string
programs.autorandr. profiles. <code><name>.config.</code> <code><name>.primary</code>	Whether output should be marked as primary	boolean



Home Manager OPTION SEARCH (./)		
		/mip communi man /home-m: sear
<name>.config.		Last update: December 15, 2023 at 4:25 UTC
<name>.rate		/home-m:
programs.autorandr. profiles.	Output rotate configuration.	null or one of “normal”, “left”, “right”, “inverted”
<name>.config.		
<name>.rotate		
programs.autorandr. profiles.	Output scale configuration.	null or (submodule)
<name>.config.		
<name>.scale		
programs.autorandr. profiles.	Output scaling method.	one of “factor”, “pixel”
<name>.config.		
<name>.scale.meth od		
programs.autorandr. profiles.	Horizontal scaling factor/pixels.	floating point number or positive integer, meaning >0
<name>.config.		
<name>.scale.x		
programs.autorandr. profiles.	Vertical scaling factor/pixels.	floating point number or positive integer, meaning >0
<name>.config.		
<name>.scale.y		
programs.autorandr. profiles.	Refer toxrandr(1)for the documentation of the transform matrix.	null or (3×3 matrix of floating point numbers)
<name>.config.		
<name>.transform		
programs.autorandr. profiles.	Output name to EDID mapping.Use autorandr --fingerprint to get current setup values.	attribute set of string
<name>.fingerprint		
programs.autorandr. profiles.	Profile hook scripts.	submodule
<name>.hooks		





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↳ concatenated strings



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/home-m:

sear

<name>.hooks.posts switch.
witch

programs.autorandr. profiles. Predetect hook
executed before

<name>.hooks.pred etect autorandr attempts
to run xrandr.

programs.autorandr. Preswitch hook
executed before

<name>.hooks.pres witch mode switch.

programs.awscli.ena ble Whether to enable
AWS CLI tool.

programs.awscli.pac kage Package providing
aws.

programs.awscli.cre dentials Configuration written
to \$HOME/.aws /credentials. attribute set of
attribute set of (INI
atom (null, bool, int,
float or string))

programs.awscli.setti ngs Configuration written
to \$HOME/.aws /config. attribute set of
attribute set of (INI
atom (null, bool, int,
float or string))

programs.bacon.ena ble Whether to enable
bacon, a background
rust code checker.

programs.bacon.setti ngs Bacon configuration. For
available settings
see
[https://dystroy.org/
bacon/#global-
preferences](https://dystroy.org/bacon/#global-preferences).

programs.bash.enab le Whether to enable
GNU Bourne-Again
SHell.





Home Manager **OPTION SEARCH**

mean
(./)

all interactive Bash shells.

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man
/home-m:

sear

programs.bash.enableVteIntegration	Whether to enable integration with terminals using the VTE library. This will let the terminal track the current working directory.	boolean
programs.bash.bashrcExtra	Extra commands that should be placed in <code>~/.bashrc</code> . Note that these commands will be run even in non-interactive shells.	strings concatenated with "\n"
programs.bash.historyControl	Controlling how commands are saved on the history list.	list of (one of "erasedups", "ignoredups", "ignorespace")
programs.bash.historyFile	Location of the bash history file.	null or string
programs.bash.historyFileSize	Number of history lines to keep on file.	signed integer
programs.bash.historyIgnore	List of commands that should not be saved to the history list.	list of string
programs.bash.historySize	Number of history lines to keep in memory.	signed integer
programs.bash.initExtra	Extra commands that should be run when initializing an interactive shell.	strings concatenated with "\n"





Home Manager **OPTION SEARCH**

strings concatenated



when logging out of
an interactive shell.

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[/home-manage...](#)

/mip

communi

man

/home-m...

sear

programs.bash.profileExtra	Extra commands that should be run when initializing a loginshell.	strings concatenated with "\n"	
programs.bash.sessionVariables	Environment variables that will be set for the Bash session.	attribute set	
programs.bash.shellAliases	An attribute set that maps aliases (the top level attribute names in this option) to command strings or directly to build outputs.	attribute set of string	
programs.bash.shellOptions	Shell options to set. Prefix an option with "-" to unset.	list of string	
programs.bashmount.enable	Whether to enable bashmount.	boolean	
programs.bashmount.extraConfig	Configuration written to \$XDG_CONFIG_HOME/bashmount/config. Look at https://github.com/jamielinux/bashmount/blob/master/bashmount.config for explanation about possible values.	strings concatenated with "\n"	
programs.bat.enable	Whether to enable bat, a cat clone with wings.	boolean	
programs.bat.config	Bat configuration.	attribute set of (string or list of string or boolean)	



Home Manager OPTION SEARCH			package	/mip
			Last update: December 15, 2023 at 4:25 UTC	communi
			/home-m:	man
			sear	
programs.bat.syntax	Additional syntaxes to provide.	attribute set of (strings concatenated with “\n” or (submodule))		
programs.bat.theme	Additional themes to provide.	attribute set of (strings concatenated with “\n” or (submodule))		
programs.beets.enable	Whether to enable the beets music library manager. This defaults to false for stateversion ≥ 19.03. For earlier versions beets is enabled if programs.beets.settings is non-empty.	boolean		
programs.beets.package	The beets package to use. Can be used to specify extensions.	package		
programs.beets.mpd Integration.enableStats	Whether to enable mpdstats plugin and service.	boolean		
programs.beets.mpd Integration.enableUpdate	Whether to enable mpdupdate plugin.	boolean		
programs.beets.mpd Integration.host	The host that mpdstats will connect to.	string		
programs.beets.mpd Integration.port	The port that mpdstats will connect to.	16 bit unsigned integer; between 0 and 65535 (both inclusive)		

Home Manager OPTION SEARCH			value
OME/beets /config.yaml		Last update: December 15, 2023 at 4:25 UTC	/mip communi man /home-m: sear
programs.borgmatic. enable	Whether to enable Borgmatic.	boolean	
programs.borgmatic. package	The borgmatic package to use.	package	
programs.borgmatic. backups	Borgmatic allows for several named backup configurations, each with its own source directories and repositories.	attribute set of (submodule)	
programs.borgmatic. backups. <name>.consistency .checks	Consistency checks to run	list of (submodule)	
programs.borgmatic. backups. <name>.consistency .checks.*.frequency	Frequency of this type of check	null or string matching the pattern <code>([:digit:]]+ .*) always</code>	
programs.borgmatic. backups. <name>.consistency .checks.*.name	Name of consistency check to run.	one of “repository”, “archives”, “data”, “extract”	
programs.borgmatic. backups. <name>.consistency .extraConfig	Extra settings.	YAML value	
programs.borgmatic. backups. <name>.hooks.extra Config	Extra settings.	YAML value	



<name>.location.exc
ludeHomeManagerS
ymlinks

generated symbolic
links from the
backups. This
facilitates restoring
the whole
home directory when
the Nix store doesn't
contain the
latest Home Manager
generation.

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/home-ma

programs.borgmatic. backups.	Extra settings.	YAML value
<name>.location.extraConfig		
programs.borgmatic. backups.	List of local or remote repositories with paths and optional labels.	list of (string or (submodule))
<name>.location.repositories	Directories to backup.	list of string
programs.borgmatic. backups.	Extra settings.	YAML value
<name>.output.extraConfig		
programs.borgmatic. backups.	Extra settings.	YAML value
<name>.retention.extraConfig		
programs.borgmatic. backups.	Number of daily archives to keep.	null or signed integer
<name>.retention.keepDaily	Use -1 for no limit.	
programs.borgmatic. backups.	Number of hourly archives to keep.	null or signed integer
<name>.retention.keepHourly	Use -1 for no limit.	





Home Manager **OPTION SEARCH**

or signed integer



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<name>.retention.ke Use -1 for no limit.
epMinute

programs.borgmatic. Number of monthly
backups. archives to keep.

<name>.retention.ke Use -1 for no limit.
epMonthly

programs.borgmatic. Number of secondly
backups. archives to keep.

<name>.retention.ke Use -1 for no limit.
epSecondly

programs.borgmatic. Number of weekly
backups. archives to keep.

<name>.retention.ke Use -1 for no limit.
epWeekly

programs.borgmatic. Keep all archives
backups. within this time
<name>.retention.ke interval. matching the pattern
epWithin `[[[:digit:]]+[Hdwmy]]`

programs.borgmatic. Number of yearly
backups. archives to keep.

<name>.retention.ke Use -1 for no limit.
epYearly

programs.borgmatic. Command writing
backups. the passphrase to
<name>.storage.enc standard output.
ryptionPasscommanc
d

programs.borgmatic. Extra settings.
backups.
<name>.storage.extr
aConfig

programs.bottom.en Whether to enable
able bottom, a cross-
platform graphical
process/system
monitor with
acustomizable
interface.





Home Manager **OPTION SEARCH**

page (. /)



/mip

communi

man

/home-m:

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programs.bottom.set	Configuration written to \$XDG_CONFIG_HOME/boxxy/.bottom.toml.	TOML value
programs.boxxy.enabled	Whether to enable boxxy: Boxes in badly behaving applications.	boolean
programs.boxxy.package	The boxxy package to use.	package
programs.boxxy.rules	List of boxxy rules	list of (YAML value)
programs.boxxy.rules.*.context	Apply redirection ONLY when in a certain directory.	list of string
programs.boxxy.rules.*.env	Give certain environment variables for said match.	attribute set of string
programs.boxxy.rules.*.mode	Does the current path redirect a file or a directory?	one of "file", "directory"
programs.boxxy.rules.*.name	Unique identifier of the boxxy rule. This can be any single-line string.	string
programs.boxxy.rules.*.only	Apply redirection ONLY to specified executable names.	list of string
programs.boxxy.rules.*.rewrite	Where that file/directory should be rewritten to.	string
programs.boxxy.rules.*.target	What directory/file to redirect.	string





Home Manager **OPTION SEARCH**

/mip

communi

to navigate
directories.Last update: December 15, 2023 at 4:25 UTC
/home-m:

sear

programs.broot.enableBashIntegration	Whether to enable Bash integration.	boolean	
programs.broot.enableFishIntegration	Whether to enable Fish integration.	boolean	
programs.broot.enableNushellIntegration	Whether to enable Nushell integration.	boolean	
programs.broot.enableZshIntegration	Whether to enable Zsh integration.	boolean	
programs.broot.package	Package providing broot	package	
programs.broot.settings	Verbatim config entries	TOML value	
programs.broot.settings.modal	Whether to enable modal (vim) mode.	boolean	
programs.broot.settings.skin	Color configuration.	attribute set of string	
programs.broot.settings.verbs	Define new verbs. For more information, see Verb Definition Attributes in the broot documentation.	list of attribute set of (boolean or string)	
	how the verb is called by the user, with placeholders for arguments		
	how the verb is executed		
	a keyboard key triggering execution		
	an alternate way to call the verb (without the arguments part)		



Home Manager **OPTION SEARCH**

(./)



true)

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/mip

whether the verb
must be executed
from the parent shell
(default: false)

man

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programs.browserpass.enable	Whether to enable the browserpass extension host application.	boolean
programs.browserpass.browsers	Which browsers to install browserpass for	list of (one of “brave”, “chrome”, “chromium”, “firefox”, “librewolf”, “vivaldi”)
programs.btop.enabled	Whether to enable btop.	boolean
programs.btop.package	The btop package to use.	package
programs.btop.extraConfig	Extra lines added to the btop.conf file.	strings concatenated with “\n”
programs.btop.settings	Options to add to btop.conf file. See https://github.com/aristocratos/btop#configurability or options.	attribute set of (boolean or floating point number or signed integer or string)
programs.carapace.enable	Whether to enable carapace, a multi-shell multi-command argument completer.	boolean
programs.carapace.enableBashIntegration	Whether to enable Bash integration.	boolean
programs.carapace.enableFishIntegration	Whether to enable Fish integration.	boolean



Home Manager OPTION SEARCH <small>mean(./)</small>		
ation	Last update: December 15, 2023 at 4:25 UTC	/mip
programs.carapace.enableZshIntegration	Whether to enable Zsh integration.	boolean
programs.carapace.package	The carapace package to use.	package
programs.cava.enabled	Whether to enable Cava audio visualizer.	boolean
programs.cava.package	The cava package to use.	package
programs.cava.settings	Settings to be written to the Cava configuration file. See https://github.com/karlstav/cava/blob/master/example_files/config for all available options.	attribute set of (INI atom (null, bool, int, float or string))
programs.chromium.enable	Whether to enable Chromium.	boolean
programs.chromium.package	The Chromium package to use.	package
programs.chromium.commandLineArgs	List of command-line arguments to be passed to Chromium.	list of string
programs.chromium.dictionaries	List of Chromium dictionaries to install.	list of package
programs.chromium.extensions	List of Chromium extensions to install. To find the extension ID, check its URL on the Chrome Web Store.	list of ((submodule) or string convertible to it)

Home Manager OPTION SEARCH for path <code>(.)</code>		
	Linux only.	Last update: December 15, 2023 at 4:25 UTC
<code>programs.chromium.extensions.*.id</code>	The extension's ID from the Chrome Web Store url or the unpacked crx.	string matching the pattern [a-zA-Z]{32}
<code>programs.chromium.extensions.*.updateUrl</code>	URL of the extension's update manifest XML file. Linux only.	string
<code>programs.chromium.extensions.*.version</code>	The extension's version, required for local installation. Linux only.	null or string
<code>programs.command-not-found.enable</code>	Whether to enable command-not-found hook for interactive shell.	boolean
<code>programs.command-not-found.dbPath</code>	Absolute path to programs.sqlite. By default this file will be provided by your channel(nixexprs.tar.xz).	path
<code>programs.comodoro.enable</code>	Whether to enable Comodoro, a CLI to manage your time.	boolean
<code>programs.comodoro.package</code>	The comodoro package to use.	package
<code>programs.comodoro.settings</code>	Comodoro configuration. See https://pimalaya.org/comodoro/cli/configuration/ for supported values.	TOML value
<code>programs.darcs.enabled</code>	Whether to enable darcs.	boolean
<code>programs.darcs.package</code>	The darcs package to use.	package





Home Manager **OPTION SEARCH**

string
(.)

used as the author when you record a patch. If there are multiple entries, Darcs will prompt you to choose one of them.

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[/home-manage](#)
[search](#)

programs.darcs.boring	File patterns to ignore	list of string
programs.dircolors.enable	Whether to manage .dir_colors and set LS_COLORS.	boolean
programs.dircolors.enableBashIntegration	Whether to enable Bash integration.	boolean
programs.dircolors.enableFishIntegration	Whether to enable Fish integration.	boolean
programs.dircolors.enableZshIntegration	Whether to enable Zsh integration.	boolean
programs.dircolors.extraConfig	Extra lines added to .dir_colors file.	strings concatenated with "\n"
programs.dircolors.settings	Options to add to .dir_colors file. See dircolors --print-database for options.	attribute set of string
programs.direnv.enabled	Whether to enable direnv, the environment switcher.	boolean
programs.direnv.enabledBashIntegration	Whether to enable Bash integration.	boolean



Home Manager OPTION SEARCH		
	mean (read only) (.)	/mip communi man /home-m: sear
Note, enabling the direnv module will always active its functionality for Fish since the direnv package automatically gets loaded in Fish. If this is not the case try adding		Last update: December 15, 2023 at 4:25 UTC
programs.direnv.enabledNushellIntegration	Whether to enable Nushell integration.	boolean
programs.direnv.enabledZshIntegration	Whether to enable Zsh integration.	boolean
programs.direnv.package	The direnv package to use.	package
programs.direnv.config	Configuration written to \$XDG_CONFIG_HOME/direnv/direnv.toml.	TOML value
programs.direnv.nix-direnv.enable	Whether to enable nix-direnv, a fast, persistent use_nix implementation for direnv.	boolean
programs.direnv.nix-direnv.package	The nix-direnv package to use.	package
programs.direnv.stdlib	Custom stdlib written to \$XDG_CONFIG_HOME with "\n" OME/direnv /direnvrc.	strings concatenated
programs.discocss.enabled	Whether to enable discocss, a tiny Discord CSS injector for Linux and MacOS.	boolean
programs.discocss.package	The discocss package to use.	package





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programs.discocss.d iscordAlias	Whether to alias discocss to discord.	boolean	Last update: December 15, 2023 at 4:25 UTC
programs.discocss.d iscordPackage	The discord package to use.	package	/home-m: sear
programs.eclipse.enable	Whether to enable Eclipse.	boolean	
programs.eclipse.enableLombok	Whether to enable the Lombok Java Agent in Eclipse. This is necessary to use the Lombok class annotations.	boolean	
programs.eclipse.package	The Eclipse package to install.	package	
programs.eclipse.jv mArgs	JVM arguments to use for the Eclipse process.	list of string	
programs.eclipse.plu gins	Plugins that should be added to Eclipse.	list of package	
programs.emacs.en able	Whether to enable Emacs.	boolean	
programs.emacs.pa ckage	The Emacs package to use.	package	
programs.emacs.ext raConfig	Configuration to include in the Emacs default init file. See https://www.gnu.org/software/emacs/manual/html_node/elisp/Init-File.html for more.	strings concatenated with "\n"	





Home Manager **OPTION SEARCH**

tion that takes
tribute set and
()



/mip

To get a list
of available packages
run:nix-env -f " -qaP
-A emacsPackages.

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man

/home-m:

sear

returns a list
containing a
selection of the
values of the input
set

programs.emacs.overrides	Allows overriding packages within the Emacs package set.	An overlay function, takes self and super and returns an attribute set overriding the desired attributes.
programs.eww.enabled	Whether to enable eww.	boolean
programs.eww.package	The eww package to install.	package
programs.eww.configDir	The directory that gets symlinked to \$XDG_CONFIG_HOME/eww.	path
programs.eza.enabled	Whether to enable eza, a modern replacement for ls.	boolean
programs.eza.enabledAliases	Whether to enable recommended eza aliases (ls, ll...).	boolean
programs.eza.package	The eza package to use.	package
programs.eza.extraOptions	Extra command line options passed to eza.	list of string
programs.eza.git	List each file's Git status if tracked or ignored (--git argument).	boolean
programs.eza.icons	Display icons next to file names (--icons argument).	boolean





image viewer.

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man

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programs.feh.package	The feh package to use.	package
programs.feh.buttons	Override feh's default mouse button mapping. If you want to disable an action, set its value to null. If you want to bind multiple buttons to an action, set its value to a list. See https://man.finalrewind.org/1/feh/#x425554544f4e53 for default bindings and available commands.	attribute set of (null or string or signed integer or list of (string or signed integer))
programs.feh.keybindings	Override feh's default keybindings. If you want to disable a keybinding set its value to null. If you want to bind multiple keys to an action, set its value to a list. See https://man.finalrewind.org/1/feh/#x4b455953 for default bindings and available commands.	attribute set of (null or string or list of string)
programs.firefox.enabled	Whether to enable Firefox.	boolean





native host connector. Note, you also need to set the NixOS option services.gnome.gnome-browser-connector.enable to true.

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programs.firefox.package	The Firefox package to use. If state version ≥ 19.09 then this should be a wrapped Firefox package. For earlier state versions it should be an unwrapped Firefox package. Set to null to disable installing Firefox.	null or package
programs.firefox.final Package	Resulting Firefox package.	null or package (read only)
programs.firefox.policies	See list of policies.	attribute set of (JSON value)
programs.firefox.profile files	Attribute set of Firefox profiles.	attribute set of (submodule)
programs.firefox.profile files. <name>.bookmarks	Preloaded bookmarks. Note, this may silently overwrite any previously existing bookmarks!	(list of ((bookmark submodule) or (directory submodule))) or (attribute set of ((bookmark submodule) or (directory submodule))) convertible to it



Home Manager OPTION SEARCH (./) module)		
<name>.containers	configurations. SeeMulti- AccountContainersfo r more information.	Last update: December 15, 2023 at 4:25 UTC /home-m: sear
programs.firefox.pro files.	Container color.	one of “blue”, “turquoise”, “green”, “yellow”, “orange”, “red”, “pink”, “purple”, “toolbar”
<name>.containers. <name>.color		
programs.firefox.pro files.	Container icon.	one of “briefcase”, “cart”, “circle”, “dollar”, “fence”, “fingerprint”, “gift”, “vacation”, “food”, “fruit”, “pet”, “tree”, “chill”
<name>.containers. <name>.id	Container ID. This should be set to a unique number per container in this profile.	unsigned integer, meaning ≥ 0
programs.firefox.pro files.	Container name, e.g., shopping.	string
<name>.containers. <name>.name		
programs.firefox.pro files.	List of Firefox add- on packages to install for this profile. Some pre- packaged add-ons are accessible from the Nix User Repository. Once you have NUR installed run	list of package
<name>.extensions		
programs.firefox.pro files.	Extra preferences to add to user.js.	strings concatenated with “\n”
<name>.extraConfig		



Home Manager OPTION SEARCH		
	unique number per profile.	/mip /communi man /home-m:
programs.firefox.pro files.<name>.isDefault	Whether this is a default profile.	boolean
programs.firefox.pro files.<name>.name	Profile name.	string
programs.firefox.pro files.<name>.path	Profile path.	string
programs.firefox.pro files.<name>.search.default	The default search engine used in the address bar and search bar.	null or string
programs.firefox.pro files.<name>.search.engines	Attribute set of search engine configurations. Engines that only have metaData specified will be treated as builtin to Firefox.	attribute set of attribute set of (JSON value)
programs.firefox.pro files.<name>.search.force	Whether to force replace the existing searchconfiguration. This is recommended since Firefox will replace the symlink for the search configuration on every launch, but note that you'll lose any existing configuration by enabling this.	boolean



Home Manager OPTION SEARCH		
		string (.)
<code><name>.search.order</code>	Any engines that aren't included in this list will be listed after these in an unspecified order.	/mip communi man /home-m: sear
<code>programs.firefox.profiles.</code>	The default search engine used in the	null or string
<code><name>.search.privateDefault</code>	Private Browsing.	
<code>programs.firefox.preferences.</code>	Attribute set of Firefox preferences.	attribute set of (Firefox preference (int, bool, string, and also attrs, list, float as a JSON string))
<code><name>.settings</code>		
<code>programs.firefox.profiles.</code>	Custom Firefox user chrome CSS.	strings concatenated with "\n"
<code><name>.userChrome</code>		
<code>programs.firefox.profiles.</code>	Custom Firefox user content CSS.	strings concatenated with "\n"
<code><name>.userContent</code>		
<code>programs.fish.enabled</code>	Whether to enable fish, the friendly interactive shell.	boolean
<code>programs.fish.package</code>	The fish package to install. May be used to change the version.	package
<code>programs.fish.functions</code>	Basic functions to add to fish. For more information see https://fishshell.com/docs/current/cmds/function.html .	attribute set of (strings concatenated with "\n" or (submodule))
<code>programs.fish.interactiveShellInit</code>	Shell script code called during interactive fish shell initialisation.	strings concatenated with "\n"

Home Manager OPTION SEARCH		
 Home Manager	OPTION SEARCH	Options concatenated with "\n"
login shellinitialisation.	Last update: December 15, 2023 at 4:25 UTC	/mipmip.com
programs.fish.plugin.s	The plugins to source inconf.d/99plugins.fish.	list of (submodule)
programs.fish.plugin.s.*.name	The name of the plugin.	string
programs.fish.plugin.s.*.src	Path to the plugin folder.	path
programs.fish.shellAbbrs	An attribute set that maps aliases (the top level attribute names in this option) to abbreviations. Abbreviations are expanded with the longer phrase after they are entered.	attribute set of (string or (submodule))
programs.fish.shellAliases	An attribute set that maps aliases (the top level attribute names in this option) to command strings or directly to build outputs.	attribute set of string
programs.fish.shellInIt	Shell script code called during fish shellinitialisation.	strings concatenated with "\n"
programs.foot.enable	Whether to enable Foot terminal.	boolean
programs.foot.package	The foot package to install	package
programs.foot.server.enable	Whether to enable Foot terminal server.	boolean

Home Manager OPTION SEARCH		
OME/foot/foot.ini.	Attribute set of atom (null, bool, int, float or string)	/mip
See <a 762="" 800"="" 888="" 940="" data-label="Image" href="https://codeberg.org/dnkl/foot/src/branch/master/foot.inifor a list of available options.</td><td>(./)
ute set of (INI)</td><td>communi</td></tr> <tr> <td></td><td>Last update: December 15, 2023 at 4:25 UTC</td><td>man</td></tr> <tr> <td></td><td></td><td>/home-m:
sear</td></tr> <tr> <td>programs.fuzzel.enabled</td><td>Whether to enable fuzzel.</td><td>boolean</td></tr> <tr> <td>programs.fuzzel.package</td><td>The fuzzel package to use.</td><td>package</td></tr> <tr> <td>programs.fuzzel.settings</td><td>Configuration for fuzzel written to \$XDG_CONFIG_HOME/fuzzel/fuzzel.ini.
See fuzzel.ini(5) for a list of available options.</td><td>attribute set of atom (null, bool, int, float or string))</td></tr> <tr> <td>programs.fzf.enable</td><td>Whether to enable fz - a command-line fuzzy finder.</td><td>boolean</td></tr> <tr> <td>programs.fzf.enableBashIntegration</td><td>Whether to enable Bash integration.</td><td>boolean</td></tr> <tr> <td>programs.fzf.enableFishIntegration</td><td>Whether to enable Fish integration.</td><td>boolean</td></tr> <tr> <td>programs.fzf.enableZshIntegration</td><td>Whether to enable Zsh integration.</td><td>boolean</td></tr> <tr> <td>programs.fzf.package</td><td>Package providing the fz tool.</td><td>package</td></tr> <tr> <td>programs.fzf.changeDirWidgetCommand</td><td>The command that gets executed as the source for fz for the ALT-C keybinding.</td><td>null or string</td></tr> <tr> <td>programs.fzf.changeDirWidgetOptions</td><td>Command line options for the ALT-C keybinding.</td><td>list of string</td></tr> </tbody> </table> </div> <div data-bbox="> 		

Home Manager OPTION SEARCH		
FZF_DEFAULT_OP_TS.	type set of string (.)	/mip man /home-m: sear
See https://github.com/junegunn/fzf/wiki/Color-schemes documentation.	Last update: December 15, 2023 at 4:25 UTC	
programs.fzf.defaultCommand	The command that gets executed as the default source for fzf when running.	null or string
programs.fzf.defaultOptions	Extra command line options given to fzf by default.	list of string
programs.fzf.getFileWidgetCommand	The command that gets executed as the source for fzf for the CTRL-T keybinding.	null or string
programs.fzf.getFileWidgetOptions	Command line options for the CTRL-T keybinding.	list of string
programs.fzf.historyWidgetOptions	Command line options for the CTRL-R keybinding.	list of string
programs.fzf.tmux.enableShellIntegration	Whether to enable setting FZF_TMUX=1 which causes shell integration to use fzf-tmux.	boolean
programs.fzf.tmux.shellIntegrationOptions	If programs.fzf.tmux.enableShellIntegration is set to true, shell integration will use these options for fzf-tmux. See fzf-tmux --help for available options.	list of string

Home Manager OPTION SEARCH <small>lean(./)</small>		
programs.gallery-dl.settings	Configuration written to \$XDG_CONFIG_HOME/gallery-dl/config.json. See https://github.com/mikf/gallery-dl#configurationfor supported values.	JSON value Last update: December 15, 2023 at 4:25 UTC /home-m: sear
programs.gh.enable	Whether to enable GitHub CLI tool.	boolean
programs.gh.package	Package providing gh.	package
programs.gh.extensions	gh extensions, see https://cli.github.com/manual/gh_extension .	list of package
programs.gh.gitCredentialHelper.enable	Whether to enable the gh git credential helper.	boolean
programs.gh.gitCredentialHelper.hosts	GitHub hosts to enable the gh git credential helper for	list of string
programs.gh.settings	Configuration written to \$XDG_CONFIG_HOME/gh/config.yml.	YAML value
programs.gh.settings.aliases	Aliases that allow you to create nicknames for gh commands.	attribute set of string
programs.gh.settings.editor	The editor that gh should run when creating issues, pull requests, etc. If blank, will refer to environment.	string



Home Manager OPTION SEARCH (./)		
operations.	Last update: December 15, 2023 at 4:25 UTC	/mip
programs.gh-dash.enable	Whether to enable GitHub CLI dashboard plugin.	boolean
programs.gh-dash.package	The gh-dash package to use.	package
programs.gh-dash.settings	Configuration written to \$XDG_CONFIG_HOME/gh-dash/config.yml.	YAML value
programs.git.enable	Whether to enable Git.	boolean
programs.git.package	Git package to install. Use pkgs.gitAndTools.git Full to gain access to git send-email for instance.	package
programs.git.aliases	Git aliases to define.	attribute set of string
programs.git.attributes	List of defining attributes set globally.	list of string
programs.git.delta.enable	Whether to enable the delta syntax highlighter. See https://github.com/dandavison/delta .	boolean
programs.git.delta.package	The delta package to use.	package
programs.git.delta.options	Options to configure delta.	attribute set of (string or boolean or signed integer or attribute set of (string or boolean or signed integer))



Home Manager OPTION SEARCH <small>mean(./)</small>		
colorizer.See https://github.com/so-fancy/diff-so-fancy .		Last update: December 15, 2023 at 4:25 UTC /home-m/
programs.git.diff-so-fancy.changeHunkIndicators	Simplify git header chunks to a more human readable format.	boolean
programs.git.diff-so-fancy.markEmptyLines	Whether the first block of an empty line should be colored.	boolean
programs.git.diff-so-fancy.pagerOpts	Arguments to be passed to less.	list of string
programs.git.diff-so-fancy.rulerWidth	By default, the separator for the file header spans the fullwidth of the terminal. Use this setting to set the width of the file header manually.	null or signed integer
programs.git.diff-so-fancy.stripLeadingSymbols	Whether the + or - atline-start should be removed.	boolean
programs.git.diff-so-fancy.useUnicodeRuler	By default, the separator for the file header uses Unicodeline-drawing characters. If this is causing output errors on your terminal, set this to false to use ASCII characters instead.	boolean



Home Manager OPTION SEARCH <small>mean(./)</small>		
highlighter.See https://github.com/Wilfred/difftastic.	man Last update: December 15, 2023 at 4:25 UTC /home-m: sear	/mip
programs.git.difftastic.background	Determines whether difftastic should use the lighter or darker colors for syntax highlighting.	one of “light”, “dark”
programs.git.difftastic.color	Determines when difftastic should color its output.	one of “always”, “auto”, “never”
programs.git.difftastic.display	Determines how the output displays - in one column or two columns.	one of “side-by-side”, “side-by-side-show-both”, “inline”
programs.git.extraConfig	Additional configuration to add. The use of string values is deprecated and will be removed in the future.	strings concatenated with “\n” or attribute set of attribute set of (string or boolean or signed integer or list of (string or boolean or signed integer) or attribute set of (string or boolean or signed integer or list of (string or boolean or signed integer)))
programs.git.hooks	Configuration helper for Git hooks. See https://git-scm.com/docs/githooksfor reference.	attribute set of path
programs.git.ignores	List of paths that should be globally ignored.	list of string
programs.git.includes	List of configuration files to include.	list of (submodule)



Home Manager **OPTION SEARCH**

or string
(.)

/mip

communi

man

Last update: December 15, 2023 at 4:25 UTC
/home-m:

sear

when
conditionmatches.
Allowed conditions
are described in git-
config(1).

<code>programs.git.include</code>	Nix store name for the git configuration text file, when generating the configuration text from nix options.	string
-----------------------------------	---	--------

<code>programs.git.include</code>	Configuration to include. If empty then a path must be given.	attribute set of anything
-----------------------------------	--	------------------------------

<code>programs.git.include</code>	Path of the configuration file to include.	string or path
-----------------------------------	--	----------------

<code>programs.git.lfs.enable</code>	Whether to enable Git Large File Storage.	boolean
--------------------------------------	---	---------

<code>programs.git.lfs.skipSmudge</code>	Skip automatic downloading of objects on clone or pull. This requires a manual git lfs pull every time a new commit is checked out on your repository.	boolean
--	--	---------

<code>programs.git.signing</code>	Options related to signing commits using GnuPG.	null or (submodule)
-----------------------------------	---	---------------------



<code>programs.git.signing.gpgPath</code>	Path to GnuPG binary to use.	string
---	---------------------------------	--------

<code>programs.git.signing.key</code>	The default GPG key signing key fingerprint.	null or string
---------------------------------------	--	----------------

Home Manager OPTION SEARCH <small>(./)</small>		
	signed by default.	/mip
	Last update: December 15, 2023 at 4:25 UTC	communi
programs.git.userEmail	Default user email to use.	man /home-m: sear
programs.git.userName	Default user name to use.	
programs.git-cliff.enable	Whether to enable git-cliff changelog generator.	boolean
programs.git-cliff.package	The git-cliff package to use.	package
programs.git-cliff.settings	Configuration written to \$XDG_CONFIG_HOME/git-cliff/cliff.toml. See https://git-cliff.org/docs/configuration for the documentation.	TOML value
programs.git-credential-oauth.enable	Whether to enable Git authentication handler for OAuth.	boolean
programs.git-credential-oauth.package	The git-credential-oauth package to use.	package
programs.gitui.enabled	Whether to enable gitui, blazing fast terminal-ui for git written in rust.	boolean
programs.gitui.package	The package to use.	package
programs.gitui.keyConfig	Key config in Ron file format. This is written to \$XDG_CONFIG_HOME/gitui/key_config.ron.	path or strings concatenated with "\n"

Home Manager OPTION SEARCH		
	or strings (.) concatenated with written to \$XDG_CONFIG_H OME/gitui /theme.ron.	/mip communi man /home-m: sear
programs.gnome-terminal.enable	Whether to enable Gnome Terminal.	boolean
programs.gnome-terminal.profile	A set of Gnome Terminal profiles. Note, the name of a profile must be a UUID. You can generate one, for example, using uuidgen(from util-linux).	attribute set of (submodule)
programs.gnome-terminal.profile.<name>.allowBold	If true, allow applications in the terminal to make text boldface.	null or boolean
programs.gnome-terminal.profile.<name>.audibleBell	Turn on/off the terminal's bell.	boolean
programs.gnome-terminal.profile.<name>.backspace Binding	Which string the terminal should send to an application when the user presses the Backspace key.	one of "auto", "ascii-backspace", "ascii-delete", "delete-sequence", "tty"
	Attempt to determine the right value from the terminal's IO settings.	
	Send an ASCII backspace character (0x08).	
	Send an ASCII delete character (0x7F).	



Home Manager **OPTION SEARCH**

(./)



/mip

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/home-m:

sear

Send terminal's
"erase" setting.

programs.gnome-terminal.profile.<name>.boldIsBright Whether bold text is shown in bright colors.

programs.gnome-terminal.profile.<name>.colors The terminal colors, null to use system default.

programs.gnome-terminal.profile.<name>.colors.back groundColor The background color.

programs.gnome-terminal.profile.<name>.colors.bold Color The bold color, null to use same as foreground.

programs.gnome-terminal.profile.<name>.colors.curs or The color for the terminal cursor.

programs.gnome-terminal.profile.<name>.colors.curs or.background The background color.

programs.gnome-terminal.profile.<name>.colors.curs or.foreground The foreground color.

programs.gnome-terminal.profile.<name>.colors.foregroundColor The foreground color.

programs.gnome-terminal.profile.<name>.colors.highlight The colors for the terminal's highlighted area.



Home Manager **OPTION SEARCH** (./)

/mip

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/home-m:

man

sear

<name>.colors.highlight.background

programs.gnome-terminal.profile. The foreground color.

<name>.colors.highlight.foreground

programs.gnome-terminal.profile. The terminal palette.

<name>.colors.palette

programs.gnome-terminal.profile. The cursor blink mode.

<name>.cursorBlinkMode

programs.gnome-terminal.profile. The cursor shape.

<name>.cursorShape

programs.gnome-terminal.profile. The command to use to start the shell, <name>.customCommand or null for default shell.

programs.gnome-terminal.profile. Whether this should be the default profile.

programs.gnome-terminal.profile. Which string the terminal should send to an application when the user presses the Delete key.

Send the @7 control sequence.

Send an ASCII backspace character (0x08).



Home Manager **OPTION SEARCH**

(./)



/mip

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man

/home-m:

sear

(0x7F).

Send the @7 control sequence.

Send terminal's "erase" setting.

programs.gnome-terminal.profile.<name>.font The font name, null or string to use system default.

programs.gnome-terminal.profile.<name>.loginShell Run command as a login shell. boolean

programs.gnome-terminal.profile.<name>.scrollOnOutput Whether to scroll when output is written. boolean

programs.gnome-terminal.profile.<name>.scrollbackLines The number of scrollback lines to keep, null for infinite. null or signed integer

programs.gnome-terminal.profile.<name>.showScrollbar Whether the scroll bar should be visible. boolean

programs.gnome-terminal.profile.<name>.transparencyPercent Background transparency in percent. null or integer between 0 and 100 (both inclusive)

programs.gnome-terminal.profile.<name>.visibleName The profile name. string



programs.gnome-terminal.showMenuBar Whether to show the menubar by default. boolean

programs.gnome-terminal.themeVariant The theme variation to request one of "default", "light", "dark", "system"



Home Manager **OPTION SEARCH**

/mip



man

/home-m:

sear

programs.go.packag e	The Go package to use.	package
programs.go.packag es	Packages to add to GOPATH.	attribute set of path
programs.go.extraG oPaths	Extra GOPATHs relative to HOME appended after programs.go.goPath, if that option is set.	list of string
programs.go.goBin	GOBIN relative to HOME	null or string
programs.go.goPath	Primary GOPATH relative to HOME. It will be exported first and therefore used by default by the Go tooling.	null or string
programs.go.goPriva te	The GOPRIVATE environment variable controls which modules the go command considers to be private (not available publicly) and should therefore not use the proxy or checksum database.	list of string
programs.gpg.enable	Whether to enable GnuPG.	boolean
programs.gpg.package	The Gnupg package to use (also used by the gpg-agent service).	package
programs.gpg.home dir	Directory to store keychains and configuration.	path



Home Manager OPTION SEARCH		
 keyring as a user using the gpg command. Upon activation, the keyring will have managed keys added without overwriting unmanaged keys.	keyring as a user using the gpg command. Upon activation, the keyring will have managed keys added without overwriting unmanaged keys.	keyring as a user using the gpg command. Upon activation, the keyring will have managed keys added without overwriting unmanaged keys.
programs.gpg.mutab leTrust	If set to true, you may manage trust as a user using the gpg command. Upon activation, trusted keys have their trust set without overwriting unmanaged keys.	boolean
programs.gpg.public Keys	A list of public keys to be imported into GnuPG. Note, these key files will be copied into the world-readable Nix store.	list of (submodule)
programs.gpg.public Keys.*.source	Path of an OpenPGP public key file.	path
programs.gpg.public Keys.*.text	Text of an OpenPGP public key.	null or string
programs.gpg.public Keys.*.trust	The amount of trust you have in the key ownership and the care the owner puts into signing other keys. The available levels are	null or one of "unknown", 1, "never", 2, "marginal", 3, "full", 4, "ultimate", 5
	I don't know or won't say.	



Home Manager **OPTION SEARCH**

(./)



I trust marginally.

Last update: December 15, 2023 at 4:25 UTC

I trust fully.

/home-m:

I trust ultimately.

sear

programs.gpg.scdaemonSettings	SCdaemon configuration options. Available options are described in scdaemon(1).	attribute set of (string or boolean or list of string)
programs.gpg.settings	GnuPG configuration options. Available options are described in gpg(1).	attribute set of (string or boolean or list of string)
programs.granted.enabled	Whether to enable granted.	boolean
programs.granted.enabledZshIntegration	Whether to enable Zsh integration.	boolean
programs.havoc.enabled	Whether to enable Havoc terminal.	boolean
programs.havoc.package	The havoc package to use.	package
programs.havoc.settings	Configuration written to \$XDG_CONFIG_HOME/havoc.cfg. See https://raw.githubusercontent.com/iil8/havoc/master/havoc.cfg for a list of available options.	attribute set of (INI atom (null, bool, int, float or string))
programs.helix.enabled	Whether to enable helix text editor.	boolean
programs.helix.package	The package to use for helix.	package





Home Manager **OPTION SEARCH**

/mip

communi

defaulteditor using
the EDITOR
environment
variable.

Last update: December 15, 2023 at 4:25 UTC
/home-m:
sear

programs.helix.extra Packages	Extra packages available to hx.	list of package
programs.helix.languages	Language specific configuration at\$XDG_CONFIG_H convertible to it OME/helix /languages.toml.	(TOML value) or (list of (TOML value))
programs.helix.settings	Configuration written to\$XDG_CONFIG_H OME/helix /config.toml.	TOML value
programs.helix.themes	Each theme is written to\$XDG_CONFIG_H OME/helix/themes /theme-name.toml. Where the name of each attribute is the theme-name (in the example “base16”).	attribute set of (TOML value)
programs.hexchat.enable	Whether to enable HexChat, a graphical IRC client.	boolean
programs.hexchat.channels	Configures \$XDG_CONFIG_HOME/hexchat /servlist.conf.	attribute set of (submodule)
programs.hexchat.channels. <name>.autojoin	Channels list to autojoin on connecting to server.	list of string
programs.hexchat.channels. <name>.charset	Character set.	null or string





Home Manager **OPTION SEARCH**

string
(.|)

/mip

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man

/home-m:

sear

<name>.commands connecting to server.

programs.hexchat.ch The login method.
annels. The allowed options
<name>.loginMetho are:
d null or one of
“challengeAuth”,
“customCommands”,
“nickServ”,
“nickServMsg”,
“sasl”,
“saslExternal”,
“serverPassword”

Default

NickServ (/MSG
NickServ +
password)

NickServ
(/NICKSERV +
password)

Challenge Auth
(username +
password)

SASL (username +
password)

Server password
(/PASS password)

SASL EXTERNAL
(cert)

Use “commands”
field for auth. For
example

programs.hexchat.ch Primary nickname. null or string
annels.
<name>.nickname



programs.hexchat.ch Secondary null or string
annels. nickname.
<name>.nickname2

programs.hexchat.ch Channel options. null or (submodule)
annels.
<name>.options



Home Manager **OPTION SEARCH**

or boolean

/mip



man

Last update: December 15, 2023 at 4:25 UTC

/home-m:

sear

<name>.options.acc
eptInvalidSSLCertific
ates

null or boolean

programs.hexchat.ch Autoconnect to
annels. network.

<name>.options.aut
oconnect

programs.hexchat.ch Bypass proxy.
annels.

<name>.options.byp
assProxy

programs.hexchat.ch Connect to selected
annels. server only.

<name>.options.con
nectToSelectedServ
erOnly

programs.hexchat.ch Use SSL for all
annels. servers.

<name>.options.forc
eSSL

programs.hexchat.ch Use global user
annels. information.

<name>.options.use
GlobalUserInformati
on

programs.hexchat.ch Password to use.
annels.

Note this password

<name>.password will be readable by
all user's in the Nix
store.

programs.hexchat.ch Real name. Is used
annels.

to populate the real
name field that
appears
when someone uses
the WHOIS
command on your
nick.



Home Manager OPTION SEARCH			string	(.)	/mip communi man /home-m: sear
<name>.servers				Last update: December 15, 2023 at 4:25 UTC	
programs.hexchat.ch annels.	User name. Part of your user@host		null or string		
<name>.userName	hostmask thatappears to other on IRC.				
programs.hexchat.ov erwriteConfigFiles	Enables overwriting HexChat configuration files(hexchat.conf, servlist.conf).Any existing HexChat configuration will be lost. Make sure to back upany previous configuration before enabling this.		null or boolean		
programs.hexchat.se ttings	Configuration for \$XDG_CONFIG_HO ME/hexchat /hexchat.conf, see https://hexchat.readthedocs.io/en/latest/settings.html#list-of-supported-values .		null or (attribute set of string)		
programs.hexchat.th eme	Theme package for HexChat. Expects a derivation containing decompressedtheme e files. Note, .hct files are actually ZIP files,as seen in example.		null or package		
programs.himalaya.e nable	Whether to enable the Himalaya email client.		boolean		
programs.himalaya.p ackage	The himalaya package to use.		package		

Home Manager OPTION SEARCH		
https://pimalaya.org/himalaya/cli/configuration/global.html for supported values.	L value	(.)
programs.home-manager.enable	Whether to enable Home Manager.	boolean
programs.home-manager.path	The default path to use for Home Manager. Whennull, then the home-managerchannel, \$HOME/.config/nixpkgs/home-manager, and\$HOME/.nixpkgs/home-manager will be attempted.	null or string
programs.hstr.enable	Whether to enable Bash And Zsh shell history suggest box - easily view, navigate, search andmanage your command history.	boolean
programs.hstr.enableBashIntegration	Whether to enable Bash integration.	boolean
programs.hstr.enableZshIntegration	Whether to enable Zsh integration.	boolean
programs.hstr.package	The hstr package to use.	package
programs.htop.enable	Whether to enable htop.	boolean
programs.htop.package	Package containing the htop program.	package



Home Manager OPTION SEARCH			ute set to\$XDG_CONFIG_H OME/htop/htoprc.	Last update: December 15, 2023 at 4:25 UTC	/mip com man /home-m:
programs.hyfetch.en	Whether to enable hyfetch.	boolean			sear
programs.hyfetch.pa	The hyfetch package to use.	package			
programs.hyfetch.set	JSON config for HyFetch	JSON value			
programs.i3status.en	Whether to enable i3status.	boolean			
programs.i3status.enableDefault	Whether or not to enable the default configuration.	boolean			
programs.i3status.pa	The i3status package to use.	package			
programs.i3status.general	Configuration to add to i3status config general section. See i3status(1) for options.	attribute set of (boolean or signed integer or string)			
programs.i3status.modules	Modules to add to i3status config file. See i3status(1) for options.	attribute set of (submodule)			
programs.i3status.modules.<name>.enable	Whether or not to enable this module.	boolean			
programs.i3status.modules.<name>.position	Position of this module in i3status order.	signed integer or floating point number			
programs.i3status.modules.<name>.settings	Configuration to add to this i3status module. See i3status(1) for options.	attribute set of (boolean or signed integer or string)			

Home Manager OPTION SEARCH <small>(./)</small>			/mip /communi man /home-m:
		status written in Rust.	Last update: December 15, 2023 at 4:25 UTC
programs.i3status-rust.package	Package providing i3status-rust	package	sear
programs.i3status-rust.bars	Attribute set of i3status-rust bars, each with their own configuration. Each bar name generates a config file suffixed with the bar's name from the attribute set, like so:config-\${name}.toml.	attribute set of (submodule)	
programs.i3status-rust.bars.<name>.blocks	Configuration blocks to add to i3status-rustconfig. See https://github.com/greshake/i3status-rust/blob/master/blocks.md for block options.	TOML value	
programs.i3status-rust.bars.<name>.icons	The icons set to use. See https://github.com/greshake/i3status-rust/blob/master/doc/themes.md for a list of available icon sets.	string	
programs.i3status-rust.bars.<name>.settings	Any extra options to add to i3status-rustconfig.	TOML value	
programs.i3status-rust.bars.<name>.theme	The theme to use. See https://github.com/greshake/i3status-rust/blob/master/doc/themes.md for a list of available themes.	string	



Home Manager **OPTION SEARCH**

/mip

man

/home-m:

sear

image viewer
intended for use with
tiling window
managers.

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/home-m:
sear

programs.imv.package	The imv package to use.	package
programs.imv.settings	Configuration options for imv. Seeimv(5).	attribute set of attribute set of (boolean or signed integer or string)
programs.info.enabled	Whether to enable GNU Info.	boolean
programs.ion.enable	Whether to enable the Ion Shell. Compatible with Redox and Linux.	boolean
programs.ion.package	The ion package to install. May be used to change the version.	package
programs.ion.initExtra	Ion script which is called during ion initialization.	strings concatenated with "\n"
programs.ion.shellAliases	An attribute set that maps aliases (the top level attribute names in this option) to command strings or directly to build outputs.	attribute set of string
programs.irssi.enabled	Whether to enable the Irssi chat client.	boolean
programs.irssi.aliases	An attribute set that maps aliases to commands.	attribute set of string
programs.irssi.extraConfig	These lines are appended to the Irssi configuration.	strings concatenated with "\n"





Home Manager **OPTION SEARCH**

Attribute set of
(`./`)
module)

/mip

communi

man

/home-m:

sear

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programs.irssi.netwo List of commands to execute on connect.
rks.
`<name>.autoComm
ands`

programs.irssi.netwo Channels for the given network.
rks.
`<name>.channels`

programs.irssi.netwo Whether to join this channel on connect.
rks.
`<name>.channels.
<name>.autoJoin`

programs.irssi.netwo Nickname in that network.
rks.`<name>.nick`

programs.irssi.netwo Enable SASL external
rks.
`<name>.saslExternal` authentication. This requires setting a path
in `programs.irssi.networks..server.ssl.certificateFile`.

programs.irssi.netwo Address of the chat server.
rks.
`<name>.server.add
ress`

programs.irssi.netwo Whether Irssi connects to the server on launch.
rks.
`<name>.server.auto
Connect`

programs.irssi.netwo Port of the chat server.
rks.
`<name>.server.port`



16 bit unsigned integer; between 0 and 65535 (both inclusive)

programs.irssi.netwo Whether SSL should be used.
rks.
`<name>.server.ssl.e
nable`



Home Manager **OPTION SEARCH**

or path
(.)

/mip



man

/home-m:

sear

<name>.server.ssl.certificateFile certificate used for client authentication to the server.

Last update: December 15, 2023 at 4:25 UTC
/home-m:
search

programs.irssi.networks. Whether the SSL certificate should be verified.

programs.irssi.networks.<name>.type Type of the network.

programs.java.enabled Install the Java development kit and set the JAVA_HOME variable.

programs.java.package Java package to install. Typical values are pkgs.jdk or pkgs.jre.

programs.joshuto.enable Whether to enable joshuto file manager.

programs.joshuto.package The package to use for joshuto.

programs.joshuto.keyboard Configuration written to \$XDG_CONFIG_HOME/joshuto /keymap.toml.

programs.joshuto.mimetype Configuration written to \$XDG_CONFIG_HOME/joshuto /mimetype.toml.

programs.joshuto.settings Configuration written to \$XDG_CONFIG_HOME/joshuto /joshuto.toml.

programs.joshuto.theme Configuration written to \$XDG_CONFIG_HOME/joshuto /theme.toml.



Home Manager OPTION SEARCH <small>bean(./)</small>			/mip
JSON processor.			man
Last update: December 15, 2023 at 4:25 UTC			/home-m:
programs.jq.package	jq package to use.	package	search
programs.jq.colors	The colors used in colored JSON output.	submodule	
programs.jujutsu.enabled	Whether to enable a Git-compatible DVCS that is both simple and powerful.	boolean	
programs.jujutsu.enabledBashIntegration	Whether to enable Bash integration.	boolean	
programs.jujutsu.enabledFishIntegration	Whether to enable Fish integration.	boolean	
programs.jujutsu.enabledZshIntegration	Whether to enable Zsh integration.	boolean	
programs.jujutsu.package	The jujutsu package to use.	package	
programs.jujutsu.settings	Options to add to the TOML value .jjconfig.toml file. See https://github.com/martinvonz/jj/blob/main/docs/config.md#options .	toml	
programs.k9s.enable	Whether to enable k9s - Kubernetes CLI To Manage Your Clusters In Style.	boolean	
programs.k9s.package	The k9s package to use.	package	
programs.k9s.aliases	Aliases written to \$XDG_CONFIG_HOME/k9s/aliases.yml. See https://k9scli.io/topics/aliases/ for supported values.	yaml	

Home Manager OPTION SEARCH - value		
ME/k9s/hotkey.yml. See https://k9scli.io/topics/hotkeys/ for supported values.	YAML value	/mip /communi man /home-m: sear
programs.k9s.plugin	Plugins written to \$XDG_CONFIG_HOME/k9s/plugin.yml. See https://k9scli.io/topics/plugins/ for supported values.	YAML value
programs.k9s.setting	Configuration written to \$XDG_CONFIG_HOME/k9s/config.yml. See https://k9scli.io/topics/config/ for supported values.	YAML value
programs.k9s.skin	Skin written to \$XDG_CONFIG_HOME/k9s/skin.yml. See https://k9scli.io/topics/skins/ for supported values.	YAML value
programs.k9s.views	Resource column views written to \$XDG_CONFIG_HOME/k9s/views.yml.See https://k9scli.io/topics/columns/ for supported values.	YAML value
programs.kakoune.enable	Whether to enable the kakoune text editor.	boolean
programs.kakoune.package	The kakoune-unwrapped package to use.	package



Home Manager **OPTION SEARCH**

or (submodule)



/mip

options.

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man



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sear

programs.kakoune.config.alignWithTabs	Use tabs for the align command.	boolean
programs.kakoune.config.autoComplete	Modes in which to display possible completions. The kakoune default is ["insert" "prompt"].	null or (list of (one of "insert", "prompt"))
programs.kakoune.config.autoInfo	Contexts in which to display automatic information box. The kakoune default is ["command" "onkey"].	null or (list of (one of "command", "onkey", "normal"))
programs.kakoune.config.autoReload	Reload buffers when an external modification is detected. The kakoune default is "ask".	null or one of "yes", "no", "ask"
programs.kakoune.config.colorScheme	Set the color scheme. To see available schemes, enter colorscheme at the kakoune prompt.	null or string
programs.kakoune.config.hooks	Global hooks. For documentation, see https://github.com/mawww/kakoune/blob/master/doc/pages/hooks.asciidoc .	list of (submodule)
programs.kakoune.config.hooks.*.commands	Commands to run when the hook is activated.	strings concatenated with "\n"
programs.kakoune.config.hooks.*.group	Add the hook to the named group.	null or string





Home Manager **OPTION SEARCH**

of “NormalIdle”,
“NormalKey”,
“NormalChar”,
“NormalDelete”,
“NormalMove”,
“NormalCreate”,
“NormalClose”,
“NormalResize”,
“NormalDisplay”,
“NormalSetOption”,
“NormalBufOption”,
“NormalBufNewFile”,
“NormalBufOpenFile”,
“NormalBufCreate”,
“NormalBufWritePre”,
“NormalBufWritePost”,
“NormalBufReload”,
“NormalBufClose”,
“NormalBufOpenFifo”,
“NormalBufReadFifo”,
“NormalBufCloseFifo”,
“NormalRuntimeError”,
“NormalModeChange”,
“NormalPromptIdle”,
“NormalGlobalSetOption”,
“NormalKakBegin”,
“NormalKakEnd”, “NormalFocusIn”,
“NormalFocusOut”,
“NormalRawKey”,
“NormalInsertCompletionShow”,
“NormalInsertCompletionHide”,
“NormalModuleLoaded”,
“NormalClientCreate”,
“NormalClientClose”,
“NormalRegisterModified”,
“NormalUser”

/mipmip.com

description, seehttps://github.com/mawww/kakoune/blob/master/doc/pages/hooks.asciidoc#default-hooks. “InsertIdle”, Last update: December 15, 2023 at 4:25 UTC “InsertKey”, /home-m: sear “InsertChar”, man “InsertDelete”, “InsertMove”, “WinCreate”, “WinClose”, “WinResize”, “WinDisplay”, “WinSetOption”, “BufSetOption”, “BufNewFile”, “BufOpenFile”, “BufCreate”, “BufWritePre”, “BufWritePost”, “BufReload”, “BufClose”, “BufOpenFifo”, “BufReadFifo”, “BufCloseFifo”, “RuntimeError”, “ModeChange”, “PromptIdle”, “GlobalSetOption”, “KakBegin”, “KakEnd”, “FocusIn”, “FocusOut”, “RawKey”, “InsertCompletionShow”, “InsertCompletionHide”, “ModuleLoaded”, “ClientCreate”, “ClientClose”, “RegisterModified”, “User”



programs.kakoune.config.hooks.*.once	Remove the hook after running it once.	boolean
--------------------------------------	--	---------

programs.kakoune.config.hooks.*.option	Additional option to pass to the hook.	null or string
--	--	----------------

arch	ean ean(./)	man /home-m: sear
programs.kakoune.c onfig.indentWidth	The width of an indentation in spaces. The kakoune default is 4. If 0, a tab will be used instead.	null or unsigned integer, meaning ≥ 0
programs.kakoune.c onfig.keyMappings	User-defined key mappings. For documentation, see https://github.com/mawww/kakoune/blob/master/doc/pages/mapping.asciidoc .	list of (submodule)
programs.kakoune.c onfig.keyMappings.*. docstring	Optional documentation text to display in info boxes.	null or string
programs.kakoune.c onfig.keyMappings.*. effect	The sequence of keys to be mapped.	string
programs.kakoune.c onfig.keyMappings.*. key	The key to be mapped. See https://github.com/mawww/kakoune/blob/master/doc/pages/mapping.asciidoc#mappable-keysfor possible values.	string
programs.kakoune.c onfig.keyMappings.*. mode	The mode in which the mapping takes effect.	string
programs.kakoune.c onfig.numberLines	Settings for the number lines highlighter.	null or (submodule)
programs.kakoune.c onfig.numberLines.e nable	Whether to enable the number lines highlighter.	boolean

option	description	type	man page
highlightCursor	face.	face.	man(./)
programs.kakoune.config.numberLines.relative	Show line numbers relative to the main cursor line.	boolean	/home-mipmip.com/option-search/programs.kakoune.config.numberLines.relative
programs.kakoune.config.numberLines.separator	String that separates the line number column from the buffer contents. The kakoune default is " ".	null or string	/home-mipmip.com/option-search/programs.kakoune.config.numberLines.separator
programs.kakoune.config.scrollOff	How many lines and columns to keep visible around the cursor.	null or (submodule)	/home-mipmip.com/option-search/programs.kakoune.config.scrollOff
programs.kakoune.config.scrollOff.columns	The number of columns to keep visible around the cursor.	unsigned integer, meaning >=0	/home-mipmip.com/option-search/programs.kakoune.config.scrollOff.columns
programs.kakoune.config.scrollOff.lines	The number of lines to keep visible around the cursor.	unsigned integer, meaning >=0	/home-mipmip.com/option-search/programs.kakoune.config.scrollOff.lines
programs.kakoune.config.showMatching	Highlight the matching char of the character under theselections' cursor using the MatchingCharface.	boolean	/home-mipmip.com/option-search/programs.kakoune.config.showMatching
programs.kakoune.config.showWhitespace	Settings for the show whitespaces highlighter.	null or (submodule)	/home-mipmip.com/option-search/programs.kakoune.config.showWhitespace
programs.kakoune.config.showWhitespace.enable	Whether to enable the show whitespace highlighter.	boolean	 /home-mipmip.com/option-search/programs.kakoune.config.showWhitespace.enable
programs.kakoune.config.showWhitespace.lineFeed	The character to display for line feeds.The kakoune default is "\n".	null or string	/home-mipmip.com/option-search/programs.kakoune.config.showWhitespace.lineFeed



Home Manager **OPTION SEARCH**

/mipmip

community

ce.nonBreakingSpace
The character to
display for non-breaking spaces. The
kakoune default is
"\u202f".

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[/home-manage.../option-search](#)

programs.kakoune.config.showWhitespace
The character to display for whitespaces. The kakoune
default is "\u00a0".

programs.kakoune.config.showWhitespace
The character to display for tabs. The
kakoune default is
"\u2192".

programs.kakoune.config.showWhitespace
The character to append to tabs to
reach the width of a tabstop. The kakoune
default is " ".

programs.kakoune.config.tabStop
The width of a tab in spaces. The
kakoune default is 6.

programs.kakoune.config.ui
Settings for the ncurses interface.

programs.kakoune.config.ui.enableMouse
Whether to enable mouse support.

programs.kakoune.config.ui.assistant
The assistant displayed in info boxes.

programs.kakoune.config.ui.changeColor
Change color palette.

programs.kakoune.config.ui.setTitle
Change the title of the terminal
emulator.





Home Manager **OPTION SEARCH**

or unsigned
integer, meaning
(.)



/mip

Keys

are offset. That is, if
the terminal sends
F13 for Shift-F1,
this should be 12.

>=0

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sear

programs.kakoune.config.ui.statusLine	Where to display the status line.	one of "top", "bottom"
programs.kakoune.config.ui.useBuiltInKeyParser	Bypass ncurses key parser and use an internal one.	boolean
programs.kakoune.config.ui.wheelDown	Button to send for wheel down events.	null or string
programs.kakoune.config.ui.wheelUpButton	Button to send for wheel up events.	null or string
programs.kakoune.config.wrapLines	Settings for the wrap lines highlighter.	null or (submodule)
programs.kakoune.config.wrapLines.enabled	Whether to enable the wrap lines highlighter.	boolean
programs.kakoune.config.wrapLines.indent	Preserve line indentation when wrapping.	boolean
programs.kakoune.config.wrapLines.marker	Prefix wrapped lines with marker text. If not null, the marker text will be displayed in the indentation if possible.	null or string
programs.kakoune.config.wrapLines.maxLength	Wrap text at maxWidth, even if the window is wider.	null or unsigned integer, meaning >=0
programs.kakoune.config.wrapLines.word	Wrap at word boundaries instead of codepoint boundaries.	boolean





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communi

defaulteditor using
the EDITOR
environment
variable.

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sear

programs.kakoune.e xtraConfig	Extra configuration lines to add to \$XDG_CONFIG_H OME/kak/kakrc.	strings concatenated with "\n"
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programs.kakoune.pl ugins	List of kakoune plugins to install. To get a list of supported plugins run:nix-env -f "-qaP -A kakounePlugins.	list of package
------------------------------	---	-----------------

programs.keychain.e nable	Whether to enable keychain.	boolean
------------------------------	--------------------------------	---------

programs.keychain.e nableBashIntegratio n	Whether to enable Bash integration.	boolean
---	--	---------

programs.keychain.e nableFishIntegration	Whether to enable Fish integration.	boolean
---	--	---------

programs.keychain.e nableNushellIntegrat ion	Whether to enable Nushell integration.	boolean
--	---	---------

programs.keychain.e nableXsessionIntegr ation	Whether to run keychain from your ~/.xsession.	boolean
---	--	---------

programs.keychain.e nableZshIntegration	Whether to enable Zsh integration.	boolean
--	---------------------------------------	---------

programs.keychain.p ackage	Keychain package to install.	package
-------------------------------	---------------------------------	---------



programs.keychain.a gents	Agents to add.	list of string
------------------------------	----------------	----------------

programs.keychain.e xtraFlags	Extra flags to pass to keychain.	list of string
----------------------------------	-------------------------------------	----------------



Home Manager **OPTION SEARCH**

For one of “local”,
“(.)”, “local-once”,variables from the
environment.

“any-once”

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man
/home-m:

programs.keychain.keys	Keys to add to keychain.	list of string	search
programs.khal.enabled	Whether to enable khal, a CLI calendar application.	boolean	community
programs.khal.locale	khal locale settings.	submodule	man
programs.khal.locale.dateformat	khal will display and understand all dates in this format.	string	/home-man:
programs.khal.locale.datetimeformat	khal will display and understand all datetimes in this format.	string	
programs.khal.locale.default_timezone	Default for new events or if khal does not understand the timezone in an ical file. If null, the timezone of your computer will be used.	null or string	
programs.khal.locale.firstweekday	The first day of the week, where Monday is 0 and Sunday is 6.	integer between 0 and 6 (both inclusive)	
programs.khal.locale.local_timezone	khal will show all times in this timezone. If null, the timezone of your computer will be used.	null or string	support
programs.khal.locale.longdateformat	khal will display and understand all dates in this format. It should contain a year (e.g. %Y).	string	

Home Manager OPTION SEARCH (./)		
datetimes in this format. It should contain a year (e.g. %Y).	Last update: December 15, 2023 at 4:25 UTC	/mip communi man /home-m: sear
programs.khal.locale.timeformat	khal will display and understand all times in this format.	
programs.khal.locale.unicode_symbols	By default khal uses some Unicode symbols (as in “non-ASCII”) as indicators for things like repeating events. If your font, encoding etc. does not support those symbols, set thisto false (this will enable ASCII-based replacements).	
programs.khal.locale.weeknumbers	Enable week numbers in calendar and interactive (ikhal) mode. As those are ISO week numbers, they only work properly if firstweekday is set to 0.	one of “off”, “left”, “right”
programs.khal.settings	Configuration options to add to the various sections in the configuration file.	attribute set of attribute set of (INI atom (null, bool, int, float or string))
programs.khard.enabled	Whether to enable Khard: an address book for the Unix console.	boolean



Home Manager **OPTION SEARCH**

ute set of
(*./*)

/mip

dthedocs.io/en/latest

(boolean or string or

man

/#configurationfor

list of string)

/home-m:

more information.

sear

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`programs.khard.settings.general.default_action` The default action to execute. string

`programs.kitty.enabled` Whether to enable Kitty terminal emulator. boolean

`programs.kitty.package` Kitty package to install. package

`programs.kittydarwinLaunchOptions` Command-line options to use when launched by Mac OS GUI null or (list of string)

`programs.kitty.environment` Environment variables to set or override. attribute set of string

`programs.kitty.extraConfig` Additional configuration to add. strings concatenated with “\n”

`programs.kitty.font` The font to use. null or (submodule)

`programs.kitty.font.package` Package providing the font. This package will be installed to your profile. If null then the font is assumed to already be available in your profile. null or package

`programs.kitty.font.name` The family name of the font within the package. string

`programs.kitty.font.size` The size of the font. null or signed integer or floating point number



Home Manager OPTION SEARCH		
	actions.	ute set of string (.)
programs.kitty.settings	Configuration written to \$XDG_CONFIG_HOME/kitty/kitty.conf. See https://sw.kovidgoyal.net/kitty/conf.html for the documentation.	attribute set of (string or boolean or signed integer)
programs.kitty.shellIntegration.enableBashIntegration	Whether to enable Kitty Bash integration.	boolean
programs.kitty.shellIntegration.enableFishIntegration	Whether to enable Kitty fish integration.	boolean
programs.kitty.shellIntegration.enableZshIntegration	Whether to enable Kitty Z Shell integration.	boolean
programs.kitty.shellIntegration.mode	Set the mode of the shell integration. This accepts the same options as the shell_integration option of Kitty. Note that no-rc is always implied. See https://sw.kovidgoyal.net/kitty/shell-integration for more details.	string
programs.kitty.theme	Apply a Kitty color theme. This option takes the friendly name of any theme given by the command kitty +kitten themes. See https://github.com/kovidgoyal/kitty-themes for more details.	null or string



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`programs.kodi.package` The kodi package to use. Can be used to specify extensions.

`programs.kodi.addonSettings` Attribute set with the plugin namespace as toplevel key and the pluginssettings as lower level key/value pairs.

`programs.kodi.datadir` Directory to store configuration and metadata.

`programs.kodi.settings` Configuration to write to the advancedsettings.xmlfile in kodis userdata directory. Settings specified here will beimmutable from inside kodi and be hidden from the GUI settings dialog.

`programs.kodi.sources` Contents to populate the file sources.xml in kodisuserdata directory.

`programs.lazygit.enabled` Whether to enable lazygit, a simple terminal UI for git commands.

`programs.lazygit.package` The lazygit package to use.



Home Manager OPTION SEARCH			value	/mip communi man /home-m: sear
			Last update: December 15, 2023 at 4:25 UTC	
OME/lazygit				
/config.yml	on Linux			
or on Darwin if				
xdg.enable is set,				
otherwise~/Library				
/Application				
Support/lazygit				
/config.yml.See	https://github.com			
//github.com				
/jesseduffield/lazygit				
/blob/master				
/docs/Config.mdfor				
supported values.				
programs.ledger.enab	ble	Whether to enable ledger, a double-entry accounting system.	boolean	
programs.ledger.pac	kage	The ledger package to use.	package	
programs.ledger.extraConfig		Extra configuration to add to \$XDG_CONFIG_HOME/ledger/ledgerrc.	strings concatenated with "\n"	
programs.ledger.setti	ngs	Configuration written to \$XDG_CONFIG_HOME/ledger/ledgerrc. See https://www.ledger-cli.org/3.0/doc/ledger3.html#Detailed-Option-Description for explanation about possible values.	attribute set of (boolean or signed integer or string or list of string)	
programs.less.enabl	e	Whether to enable less, opposite of more.	boolean	



Home Manager OPTION SEARCH		
to\$XDG_CONFIG_H \n"; OME/lesskey.	gs concatenated (/)\n"; Last update: December 15, 2023 at 4:25 UTC	/mip communi man /home-m: sear
programs.lesspipe.enable	Whether to enable lesspipe preprocessor for less.	boolean
programs.lf.enable	Whether to enable If.	boolean
programs.lf.package	If package to use.	package
programs.lf.cmdKey bindings	Keys to bind to command line commands which can only be one of the builtin commands. Keys set to null or an empty string are deleted.	attribute set of (null or string)
programs.lf.commands	Commands to declare. Commands set to null or an empty string are deleted.	attribute set of (null or string)
programs.lf.extraConfig	Custom Ifrc lines.	strings concatenated with "\n"
programs.lf.keybindings	Keys to bind. Keys set to null or an empty string are deleted.	attribute set of (null or string)
programs.lf.previewew.r.keybinding	Key to bind to the script at previewer.source and pipe through less. Setting to null will not bind any key.	null or string
programs.lf.previewew.r.source	Script or executable to use to preview files. Sets If's previewer option.	null or path





Home Manager

OPTION SEARCHute set of
(.)
g or signed

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man

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sear

documentation

integer or list of
(string or signed)

fordetailed

integer) or boolean)

descriptions of these

options.

Preferprograms.If.pr
eviewer.* for setting
If's previeweroption.
All string options are
quoted with double
quotes.

programs.librewolf.e nable	Whether to enable Librewolf browser, a privacy enhanced Firefox fork.	boolean
-------------------------------	--	---------

programs.librewolf.p ackage	The LibreWolf package to use.	package
--------------------------------	----------------------------------	---------

programs.librewolf.s ettings	Attribute set of LibreWolf settings and overrides. Refer to https://librewolf.net /docs/settings/ for details on supported values.	attribute set of (boolean or signed integer or string)
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programs.lieer.enabl e	Whether to enable lieer Gmail synchronization for notmuch.	boolean
---------------------------	---	---------

programs.lieer.packag e	lieer package to use.	package
----------------------------	-----------------------	---------

programs.looking-glass-client.enable	Whether to enable looking-glass-client.	boolean
--------------------------------------	--	---------

programs.looking-glass-client.package	The looking-glass-client package to use.	package
---------------------------------------	--	---------

programs.looking-glass-client.settings	looking-glass-client settings.	attribute set of attribute set of (INI atom (null, bool, int, float or string))
--	--------------------------------	--



Home Manager OPTION SEARCH <small>mean(./)</small>			/mip
			communi
			man
option	description	type	last update: December 15, 2023 at 4:25 UTC /home-m: sear
programs.lsd.enable	Whether to enable recommended lsd aliases.	boolean	Last update: December 15, 2023 at 4:25 UTC /home-m: sear
programs.lsd.colors	Configuration written to \$XDG_CONFIG_HOME/lsd/colors.yaml. See https://github.com/lspd-rs/lsd/tree/v1.0.0#color-theme-file-content for supported colors.	YAML value	
programs.lsd.settings	Configuration written to \$XDG_CONFIG_HOME/lsd/config.yaml. See https://github.com/Peltoche/lsd#config-file-content for supported values.	YAML value	
programs.man.enabled	Whether to enable manual pages and the man command. This also includes "man" outputs of all home packages.	boolean	
programs.man.package	The man package to use.	package	
programs.man.generateCaches	Whether to generate the manual page index caches using mandb(8). This allows searching for a page or keyword using utilities like apropos(1).	boolean	
programs.mangohud.enable	Whether to enable Mangohud.	boolean	



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thatMangoHud is
started on any
application that
supports it.

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programs.mangohud .package	The Mangohud package to install.	package
programs.mangohud .settings	Configuration written to\$XDG_CONFIG_H OME/MangoHud /MangoHud.conf. Seehttps://github.co m/flightlessmango /MangoHud /blob/master /data/MangoHud.con ffor the default configuration.	attribute set of (boolean or signed integer or floating point number or string or path or list of (signed integer or string))
programs.mangohud .settingsPerApplicati on	Sets MangoHud settings per application.Configur ation written to\$XDG_CONFIG_H OME/MangoHud /{application_name}. conf. Seehttps://github.co m/flightlessmango /MangoHud /blob/master /data/MangoHud.con ffor the default configuration.	attribute set of attribute set of (boolean or signed integer or floating point number or string or path or list of (signed integer or string))
programs.matplotlib. enable	Whether to enable matplotlib, a plotting library for python.	boolean
programs.matplotlib. config	Add terms to the matplotlibrc file tocontrol the default matplotlib behavior.	attribute set of anything



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	matplotlib that will be added to the matplotlibrc file.	Last update: December 15, 2023 at 4:25 UTC
programs.mbsync.enable	Whether to enable mbsync IMAP4 and Maildir mailbox synchronizer.	boolean
programs.mbsync.package	The package to use for the mbsync binary.	package
programs.mbsync.extraConfig	Extra configuration lines to add to the mbsync configuration.	strings concatenated with "\n"
programs.mbsync.groups	Definition of groups.	attribute set of attribute set of list of string
programs.mcfly.enabled	Whether to enable mcfly.	boolean
programs.mcfly.enabledBashIntegration	Whether to enable Bash integration.	boolean
programs.mcfly.enabledFishIntegration	Whether to enable Fish integration.	boolean
programs.mcfly.enabledLightTheme	Whether to enable light mode theme.	boolean
programs.mcfly.enabledZshIntegration	Whether to enable Zsh integration.	boolean
programs.mcfly.fuzzSearchFactor	Whether to enable fuzzy searching. 0 is off; higher numbers weight toward shorter matches. Values in the 2-5 range get good results so far.	unsigned integer, meaning >=0
programs.mcfly.keyScheme	Key scheme to use.	one of "emacs", "vim"



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programs меркуриал. пакет	Mercurial пакет для установки.	пакет
programs меркуриал. алиасы	Mercurial алиасы для определения.	атрибутное множество anything
programs меркуриал. extraConfig	Дополнительная конфигурация для добавления.	(атрибутное множество anything) или строки, скомбинированные с "\n"
programs меркуриал. ignores	Список глобов для файлов, которые должны быть глобально忽視.	список строк
programs меркуриал. ignoresRegexp	Список регулярных выражений для файлов, которые должны быть глобально忽視.	список строк
programs меркуриал. userEmail	Почтовый адрес пользователя по умолчанию.	строка
programs меркуриал. userName	Имя пользователя по умолчанию.	строка
programs micro.enable	Наличие включения micro, терминал-базированного текстового редактора.	булево
programs micro.settings	Конфигурация, записанная в \$XDG_CONFIG_HOME/micro/settings.json. Смотрите https://github.com/zyedidia/micro/blob/master/runtime/help/options.md для поддерживаемых значений.	JSON значение
programs mpv.enable	Наличие включения mpv.	булево
programs mpv.package	Пакет, предоставляющий mpv.	пакет



Home Manager OPTION SEARCH		ute set of string (. /)	/mip communi man /home-m: sear
		to\$XDG_CONFIG_H OME/mpv /input.conf. Seempv(1)for the full list of options.	Last update: December 15, 2023 at 4:25 UTC
programs.mpv.config	Configuration written to\$XDG_CONFIG_H OME/mpv/mpv.conf. Seempv(1)for the full list of options.	attribute set of (string or signed integer or boolean or floating point number or list of (string or signed integer or boolean or floating point number))	
programs.mpv.default tProfiles	Profiles to be applied by default. Options set by them are overridden by options set in programs.mpv.config	list of string	
programs.mpv.profile s	Sub-configuration options for specific profiles written to\$XDG_CONFIG_H OME/mpv/mpv.conf. Seeprograms.mpv.c onfig for more information.	attribute set of attribute set of (string or signed integer or boolean or floating point number or list of (string or signed integer or boolean or floating point number))	
programs.mpv.script Opts	Script options added to\$XDG_CONFIG_H OME/mpv/script- opts/. Seempv(1)for the full list of options of builtin scripts.	attribute set of attribute set of (string or signed integer or boolean or floating point number or list of (string or signed integer or boolean or floating point number))	

Home Manager OPTION SEARCH			package	(.)	/mip
			Last update: December 15, 2023 at 4:25 UTC	communi	man
			/home-m:	sear	sear
programs.mr.enable	Whether to enable mr, a tool to manage all your version control repositories.	boolean			
programs.mr.package	The mr package to use.	package			
programs.mr.settings	Configuration written to \$HOME/.mrconfigSe e https://myrepos.bran chable.com/for an example configuration.	attribute set of attribute set of (INI atom (null, bool, int, float or string) or a non-empty list of them)			
programs.msmtplib.en able	Whether to enable msmtplib.	boolean			
programs.msmtplib.pa ckage	The msmtplib package to use.	package			
programs.msmtplibext raAccounts	Extra configuration lines to add to the end of ~/.msmtprc.See https://marlam.de /msmtplib/msmtprc.txt for examples.	strings concatenated with "\n"			
programs.msmtplibext raConfig	Extra configuration lines to add to ~/.msmtprc.See https://marlam.de /msmtplib/msmtprc.txt for examples.	strings concatenated with "\n"			
programs.mu.enable	Whether to enable mu, a maildir indexer and searcher.	boolean			
programs.mu.package	The mu package to use.	package			



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synchronization for
notmuch.Last update: December 15, 2023 at 4:25 UTC
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sear

programs.mujmap.package	mujmap package to use.	package
-------------------------	------------------------	---------

programs.navi.enabled	Whether to enable Navi.	boolean
-----------------------	-------------------------	---------

programs.navi.enabledBashIntegration	Whether to enable Bash integration.	boolean
--------------------------------------	-------------------------------------	---------

programs.navi.enabledFishIntegration	Whether to enable Fish integration.	boolean
--------------------------------------	-------------------------------------	---------

programs.navi.enabledZshIntegration	Whether to enable Zsh integration.	boolean
-------------------------------------	------------------------------------	---------

programs.navi.package	The package to use for the navi binary.	package
-----------------------	---	---------

programs.navi.settings	Configuration written to \$XDG_CONFIG_HOME/navi/config.yaml on Linux or \$HOME/Library/Application Support/navi/config.yaml on Darwin. See https://github.com/denisidoro/navi/blob/master/docs/config_file.md for more information.	YAML value
------------------------	---	------------

programs.ncmpcpp.enable	Whether to enable ncmpcpp - an ncurses Music Player Daemon (MPD) client.	boolean
-------------------------	--	---------

programs.ncmpcpp.package	Package providing the ncmpcpp command.	package
--------------------------	--	---------





Home Manager **OPTION SEARCH**

(submodule)

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programs.ncmpcpp.bindings.*.command	Command or sequence of commands to be executed.	string or list of string
programs.ncmpcpp.bindings.*.key	Key to bind.	string
programs.ncmpcpp.mpdMusicDir	Value of the mpd_music_dir setting. On Linux platforms the value of services.mpd.music Directory is used as the default if services.mpd.enable is true.	null or (string or path convertible to it)
programs.ncmpcpp.settings	Attribute set from name of a setting to its value. For available options see ncmpcpp(1).	attribute set of (boolean or signed integer or string)
programs.ncspot.enabled	Whether to enable ncspot.	boolean
programs.ncspot.package	The package to use for ncspot.	package
programs.ncspot.settings	Configuration written to \$XDG_CONFIG_HOME/ncspot/config.toml.	TOML value
programs.ne.enabled	Whether to enable ne.	boolean
programs.ne.automticPreferences	Automatic preferences files for ne.	attribute set of strings concatenated with "\n"
programs.ne.default Preferences	Default preferences for ne.	strings concatenated with "\n"





Home Manager **OPTION SEARCH**

↳ strings concatenated with "\n"



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programs.ne_menus	Menu configuration file for ne.	strings concatenated with "\n"
programs.ne_virtual_extensions	Virtual extensions configuration file for ne.	strings concatenated with "\n"
programs.neomutt.enable	Whether to enable the Neomutt mail client.	boolean
programs.neomutt.package	The neomutt package to use.	package
programs.neomutt.bindings	List of keybindings.	list of (submodule)
programs.neomutt.bindings.*.action	Specify the action to take.	string
programs.neomutt.bindings.*.key	The key to bind.	string
programs.neomutt.bindings.*.map	Select the menu to bind the command to.	one of "alias", "attach", "browser", "compose", "editor", "generic", "index", "mix", "pager", "pgp", "postpone", "query", "smime" or list of (one of "alias", "attach", "browser", "compose", "editor", "generic", "index", "mix", "pager", "pgp", "postpone", "query", "smime")
programs.neomutt.changeFolderWhenSourcingAccount	Whether to enable changing the folder when sourcing an account.	boolean
programs.neomutt.checkStatsInterval	Enable and set the interval of automatic mail check.	null or signed integer





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programs.neomutt.e xtraConfig	Extra configuration appended to the end.	strings concatenated with "\n"
programs.neomutt.m acros	List of macros.	list of (submodule)
programs.neomutt.m acros.*.action	Specify the action to take.	string
programs.neomutt.m acros.*.key	The key to bind.	string
programs.neomutt.m acros.*.map	Select the menu to bind the command to.	one of "alias", "attach", "browser", "compose", "editor", "generic", "index", "mix", "pager", "pgp", "postpone", "query", "smime" or list of (one of "alias", "attach", "browser", "compose", "editor", "generic", "index", "mix", "pager", "pgp", "postpone", "query", "smime")
programs.neomutt.s ettings	Extra configuration appended to the end.	attribute set of string
programs.neomutt.si debar	Options related to the sidebar.	submodule
programs.neomutt.si debar.enable	Whether to enable sidebar support.	boolean
programs.neomutt.si debar.format	Sidebar format. Check neomutt documentation for details.	string





Home Manager **OPTION SEARCH**

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of the mailbox,
but with this enabled
only the relative
name is shown.

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programs.neomutt.si debar.width	Width of the sidebar	signed integer
------------------------------------	----------------------	----------------

programs.neomutt.s ort	Sorting method on messages.	one of “date”, “date- received”, “from”, “mailbox-order”, “score”, “size”, “spam”, “subject”, “threads”, “to”, “reverse-date”, “reverse-date- received”, “reverse- from”, “reverse- mailbox-order”, “reverse-score”, “reverse-size”, “reverse-spam”, “reverse-subject”, “reverse-threads”, “reverse-to”
---------------------------	--------------------------------	---

programs.neomutt.vi mKeys	Enable vim-like bindings.	boolean
------------------------------	------------------------------	---------

programs.neovim.en able	Whether to enable Neovim.	boolean
----------------------------	------------------------------	---------

programs.neovim.pa ckage	The package to use for the neovim binary.	package
-----------------------------	---	---------

programs.neovim.co c.enable	Whether to enable CoC.	boolean
--------------------------------	---------------------------	---------

programs.neovim.co c.package	The package to use for the CoC plugin.	package
---------------------------------	---	---------

programs.neovim.co c.pluginConfig	Script to configure CoC. Must be viml.	strings concatenated with “\n”
--------------------------------------	---	-----------------------------------





Home Manager **OPTION SEARCH**

N value



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to\$XDG_CONFIG_HOME/nvim/coc-settings.jsonSee <https://github.com/neoclide/coc.nvim/wiki/Using-the-configuration-filefor-options>.

programs.neovim.defaultEditor	Whether to configure nvim as the defaulteditor using the EDITOR environment variable.
-------------------------------	---

programs.neovim.raConfig	Custom vimrc lines. strings concatenated with "\n"
--------------------------	--

programs.neovim.raLuaConfig	Custom lua lines. strings concatenated with "\n"
-----------------------------	--

programs.neovim.raLuaPackages	The extra Lua packages required for your plugins to work. This option accepts a function that takes a Lua package set as an argument, and selects the required Lua packages from this package set. See the example for more info.	(function that evaluates to a(n) list of package) or (list of package) convertible to it
-------------------------------	---	--

programs.neovim.raPackages	Extra packages available to nvim.	list of package
----------------------------	-----------------------------------	-----------------





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ates to a(n) list

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of package) or (list

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of package)

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for your plugins to work. This option accepts a function that takes a Python 3 package set as an argument, and selects the required Python 3 packages from this package set. See the example for more info.

programs.neovim.fin alPackage	Resulting customized neovim package.	package (read only)
programs.neovim.ge neratedConfigViml	Generated vimscript config.	strings concatenated with “\n” (read only)
programs.neovim.ge neratedConfigs	Generated configurations with as key their language (set via type).	attribute set of strings concatenated with “\n” (read only)
programs.neovim.plu gins	List of vim plugins to install optionally associated with configuration to be placed in init.vim.	list of (package or (submodule))
programs.neovim.vi Alias	Symlink vi to nvim binary.	boolean
programs.neovim.vi mAlias	Symlink vim to nvim binary.	boolean
programs.neovim.vi mdiffAlias	Alias vimdiff to nvim -d.	boolean
programs.neovim.wit hNodeJs	Enable node provider. Set to true to use Node plugins.	boolean





Home Manager **OPTION SEARCH**

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touse Python 3
plugins.

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[/home-m...](#)

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programs.neovim.withRuby	Enable ruby provider.	null or boolean	search
programs.newsboat.enable	Whether to enable the Newsboat feed reader.	boolean	man
programs.newsboat.autoReload	Whether to enable automatic reloading while newsboat is running.	boolean	/home-m...
programs.newsboat.browser	External browser to use.	string	sear
programs.newsboat.extraConfig	Extra configuration values that will be appended to the end.	strings concatenated with "\n"	
programs.newsboat.maxItems	Maximum number of items per feed, 0 for infinite.	signed integer	
programs.newsboat.queries	A list of queries to use.	attribute set of string	
programs.newsboat.reloadThreads	How many threads to use for updating the feeds.	signed integer	
programs.newsboat.reloadTime	Time in minutes between reloads.	null or signed integer	
programs.newsboat.urls	List of news feeds. Leave it empty if you want to manage feeds imperatively, for example, using Syncthing.	list of (submodule)	
programs.newsboat.urls.*.tags	Feed tags.	list of string	
programs.newsboat.urls.*.title	Feed title.	null or string	

Home Manager OPTION SEARCH <small>(./)</small>			/mip
			communi
			man
programs.nheko.enabled	Whether to enable Qt desktop client for Matrix.	boolean	Last update: December 15, 2023 at 4:25 UTC /home-m: sear
programs.nheko.package	The nheko package to use.	package	
programs.nheko.settings	Attribute set of Nheko preferences (converted to an INI file).	attribute set of (INI atom (null, bool, int, float or string))	
programs.nix-index.enable	Whether to enable nix-index, a file database for nixpkgs.	boolean	
programs.nix-index.enableBashIntegration	Whether to enable Bash integration.	boolean	
programs.nix-index.enableFishIntegration	Whether to enable Fish integration.	boolean	
programs.nix-index.enableZshIntegration	Whether to enable Zsh integration.	boolean	
programs.nix-index.package	Package providing the nix-index tool.	package	
programs.nnn.enabled	Whether to enable nnn.	boolean	
programs.nnn.package	Package containing the nnn program.	package	
programs.nnn.bookmarks	Directory bookmarks.	attribute set of string	
programs.nnn.extraPackages	Extra packages available to nnn.	list of package	
programs.nnn.plugins	Manage nnn plugins.	submodule	
programs.nnn.pluginMappings	Key mappings to the plugins.	attribute set of string	

Home Manager OPTION SEARCH for path <code>(.)</code>			/mipmip.com/communi/
Program	Description	Type	Last update: December 15, 2023 at 4:25 UTC /home-m: sear
<code>programs.noti.enabled</code>	Whether to enable Noti.	boolean	
<code>programs.noti.settings</code>	Configuration written to \$XDG_CONFIG_HOME/noti/noti.yaml.	attribute set of string	
<code>programs.notmuch.enabled</code>	Whether to enable Notmuch mail indexer.	boolean	
<code>programs.notmuch.extraConfig</code>	Options that should be appended to the notmuch configuration file.	attribute set of string	
<code>programs.notmuch.hooks.postInsert</code>	Bash statements run after a message has been inserted into the database and initial tags have been applied.	strings concatenated with "\n"	
<code>programs.notmuch.hooks.postNew</code>	Bash statements run after new messages have been imported into the database and initial tags have been applied.	strings concatenated with "\n"	
<code>programs.notmuch.hooks.preNew</code>	Bash statements run before scanning or importing new messages into the database.	strings concatenated with "\n"	
<code>programs.notmuch.maildir.synchronizeFlags</code>	Whether to synchronize Maildir flags.	boolean	
<code>programs.notmuch.new</code>	Options related to email processing performed by notmuch new.	submodule	



Home Manager **OPTION SEARCH**

string
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will not be searched
for messages by
notmuch new.

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**programs.notmuch.n
ew.tags** A list of tags that will be added to all messages incorporated by notmuch new.

**programs.notmuch.s
earch.excludeTags** A list of tags that will be excluded from search results by default. Using an excluded tag in a query will override that exclusion.

**programs.nushell.en
able** Whether to enable nushell.

**programs.nushell.p
ackage** The package to use for nushell.

**programs.nushell.c
onfigFile** The configuration file to be used for nushell.

**programs.nushell.c
onfigFile.source** Path of the nushell config.nu file to use. If the text option is set, it will be preferred.

**programs.nushell.c
onfigFile.text** Text of the nushell config.nu file. If unset then the source option will be preferred.

**programs.nushell.e
nvironmentFile** The environment variables file to be used for nushell.

**programs.nushell.e
nvironmentFile.source** Path of the nushell env.nu file to use. If the text option is set, it will be preferred.





Home Manager

OPTION SEARCHString concatenated
\n

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then the source option will be preferred.

programs.nushell.environmentVariables	An attribute set that maps an environment variable to a shell interpreted string.	attribute set of string
programs.nushell.extraConfig.raConfig	Additional configuration to add to the nushell configuration file.	strings concatenated with "\n"
programs.nushell.extraEnv.raEnv	Additional configuration to add to the nushell environment variables file.	strings concatenated with "\n"
programs.nushell.extraLogin.raLogin	Additional configuration to add to the nushell login file.	strings concatenated with "\n"
programs.nushell.login inFile	The login file to be used for nushell upon logging in.	null or (submodule)
programs.nushell.login inFile.source	Path of the nushell login.nu file to use. If the text option is set, it will be preferred.	null or path
programs.nushell.login inFile.text	Text of the nushell login.nu file. If unset then the source option will be preferred.	strings concatenated with "\n"





Home Manager **OPTION SEARCH**

Attribute set of string

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top level attribute
 names in this option)
 to command strings
 or directly to build
 outputs.

programs.obs-studio.enable	Whether to enable obs-studio.	boolean
programs.obs-studio.package	OBS Studio package to install.	package
programs.obs-studio.plugins	Optional OBS plugins.	list of package
programs.octant.enabled	Whether to enable octant.	boolean
programs.octant.package	The Octant package to use.	package
programs.octant.plugins	Optional Octant plugins.	list of package
programs.offlineimap.enable	Whether to enable OfflineIMAP.	boolean
programs.offlineimap.package	The offlineimap package to use. Can be used to specify extensions.	package
programs.offlineimap.extraConfig.default	Extra configuration options added to the DEFAULT section.	attribute set of (string or signed integer or boolean)
programs.offlineimap.extraConfig.general	Extra configuration options added to the general section.	attribute set of (string or signed integer or boolean)
programs.offlineimap.extraConfig.mbnames	Extra configuration options added to the mbnames section.	attribute set of (string or signed integer or boolean)



Home Manager OPTION SEARCH		
This page lists all options for Home Manager. Options are concatenated from other parts of the configuration.		
programs.oh-my-posh.enable	Whether to enable oh-my-posh, a prompt theme engine for any shell.	boolean
programs.oh-my-posh.enableBashIntegration	Whether to enable Bash integration.	boolean
programs.oh-my-posh.enableFishIntegration	Whether to enable Fish integration.	boolean
programs.oh-my-posh.enableZshIntegration	Whether to enable Zsh integration.	boolean
programs.oh-my-posh.package	The oh-my-posh package to use.	package
programs.oh-my-posh.settings	Configuration written to \$XDG_CONFIG_HOME/oh-my-posh/config.json. See https://ohmyposh.dev/docs/configuration/overview for details. The useTheme option is ignored when this option is used.	JSON value





Home Manager **OPTION SEARCH**

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should be a name
from this
list:<https://ohmyposh.dev/docs/themes>.
Because a theme is
essentially a
configuration file,
this option is not
used when
a configFile is set.

programs.opam.enable	Whether to enable Opam.	boolean
programs.opam.enableBashIntegration	Whether to enable Bash integration.	boolean
programs.opam.enableFishIntegration	Whether to enable Fish integration.	boolean
programs.opam.enableZshIntegration	Whether to enable Zsh integration.	boolean
programs.opam.package	Opam package to install.	package
programs.openstack.client.enable	Whether to enable OpenStack command-line client.	boolean
programs.openstack.client.package	The openstackclient package to use.	package
programs.openstack.client.clouds	Configuration needed to connect to one or more clouds.	YAML value
programs.openstack.client.publicClouds	Public information about clouds.	YAML value
programs.pandoc.enable	Whether to enable pandoc.	boolean
programs.pandoc.package	The pandoc package to use.	package
programs.pandoc.styles	List of .csl files to install.	list of path



Home Manager OPTION SEARCH		
	N value	/mip
converted to JSON and written to a defaultsfile (see Default files in pandoc documentation).	Last update: December 15, 2023 at 4:25 UTC	/mip communi man /home-m: sear
programs.pandoc.de faultsFile	Resulting defaults file.	path (read only)
programs.pandoc.fin alPackage	Resulting package.	package (read only)
programs.pandoc.te mplates	Custom templates.	attribute set of path
programs.papis.ena ble	Whether to enable papis.	boolean
programs.papis.libra ries	Attribute set of papis libraries.	attribute set of (submodule)
programs.papis.libra ries. <name>.isDefault	Whether this is a default library. There must be exactly one default library.	boolean
programs.papis.libra ries.<name>.name	This library's name.	string (read only)
programs.papis.libra ries.<name>.settings	Configuration for this library.	attribute set of (boolean or signed integer or string)
programs.papis.setti ngs	Configuration written to \$XDG_CONFIG_H OME/papis/config. See https://papis.readthedocs.io/en/latest/configuration.html for supported values.	attribute set of (boolean or signed integer or string)
programs.password- store.enable	Whether to enable Password store.	boolean
programs.password- store.package	The pass package to use. Can be used to specify extensions.	package



Home Manager OPTION SEARCH		
	variables dictionary.	ute set of string (. /)
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programs.pazi.enable	Whether to enable pazi.	boolean
programs.pazi.enableBashIntegration	Whether to enable Bash integration.	boolean
programs.pazi.enableFishIntegration	Whether to enable Fish integration.	boolean
programs.pazi.enableZshIntegration	Whether to enable Zsh integration.	boolean
programs.pet.enable	Whether to enable pet.	boolean
programs.pet.selectcmdPackage	The package needed for the settings.selectcmd.	package
programs.pet.settings	Settings written to config.toml. See the petdocumentation for details.	TOML value
programs.pet.snippets	The snippets.	list of (submodule)
programs.pet.snippets.*.command	The command.	string
programs.pet.snippets.*.description	Description of the snippet.	string
programs.pet.snippets.*.output	Example output of the command.	string
programs.pet.snippets.*.tag	List of tags attached to the command.	list of string
programs.pidgin.enabled	Whether to enable Pidgin messaging client.	boolean
programs.pidgin.package	The Pidgin package to use.	package

Home Manager OPTION SEARCH		
Pidgin.	specified value (.)	/mip communi man /home-m: sear
programs.pistol.enable	Whether to enable file previewer for terminal file managers.	boolean
programs.pistol.associations	Associations written to the Pistol configuration at\$XDG_CONFIG_HOME/pistol/pistol.conf.	list of (submodule)
programs.pistol.associations.*.command	Preview command for files matched by this association.	string
programs.pistol.associations.*.fpath	File path regex that this association should match.	string
programs.pistol.associations.*.mime	Mime type regex that this association should match.	string
programs.piston-cli.enable	Whether to enable piston-cli, code runner.	boolean
programs.piston-cli.package	The piston-cli package to use.	package
programs.piston-cli.settings	Configuration written to\$XDG_CONFIG_HOME/piston-cli/config.yml.	YAML value
programs.pls.enable	Whether to enable pls, a modern replacement for ls.	boolean
programs.pls.enable Aliases	Whether to enable recommended pls aliases.	boolean
programs.pls.package	The pls package to use.	package

Home Manager OPTION SEARCH		
 Home Manager	OPTION SEARCH	lean (. /)
	beautiful and useful low-latency prompt for your shell.	Last update: December 15, 2023 at 4:25 UTC   man /home-m:  sear
programs.powerline-go.extraUpdatePS1	Shell code to execute after the prompt is set.	string
programs.powerline-go.modules	List of module names to load. The list of all available modules as well as the choice of default ones are at https://github.com/justjanne/powerline-go .	null or (list of string)
programs.powerline-go.modulesRight	List of module names to load to be displayed on the right side. Currently not supported by bash. Specifying a value for this option will force powerline-go to use the eval format to set the prompt.	null or (list of string)
programs.powerline-go.newline	Set to true if the prompt should be on a line of its own.	boolean
programs.powerline-go.pathAliases	Pairs of full-path and corresponding desired short name. You may use '~' to represent your home directory but you should protect it to avoid shell substitution.	null or (attribute set of string)





Home Manager

OPTION SEARCHute set of
ean or signed
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integer or string or
list of string)

man

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described
in https://github.com
/justjanne/powerline-
go.

programs.pqiv.enabl e	Whether to enable pqiv image viewer.	boolean
--------------------------	---	---------

programs.pqiv.packag e	The pqiv package to install.	package
---------------------------	---------------------------------	---------

programs.pqiv.settin gs	Configuration written to \$XDG_CONFIG_H OME/pqivrc. See for a list of available options. To set a boolean flag, set the value to 1.	attribute set of attribute set of (INI atom (null, bool, int, float or string))
----------------------------	---	--

programs.pubs.enab le	Whether to enable pubs.	boolean
--------------------------	----------------------------	---------

programs.pubs.pack age	The package to use for the pubs script.	package
---------------------------	--	---------

programs.pubs.extra Config	Configuration using syntax written to \$HOME/.pubsrc.	strings concatenated with "\n"
-------------------------------	---	-----------------------------------

programs.pyenv.ena ble	Whether to enable pyenv.	boolean
---------------------------	-----------------------------	---------

programs.pyenv.ena bleBashIntegration	Whether to enable pyenv's Bash integration.	boolean
--	---	---------

programs.pyenv.ena bleFishIntegration	Whether to enable pyenv's Fish integration.	boolean
--	---	---------

programs.pyenv.ena bleZshIntegration	Whether to enable pyenv's Zsh integration.	boolean
---	--	---------

programs.pyenv.pac kage	The package to use for pyenv.	package
----------------------------	----------------------------------	---------



Home Manager **OPTION SEARCH**

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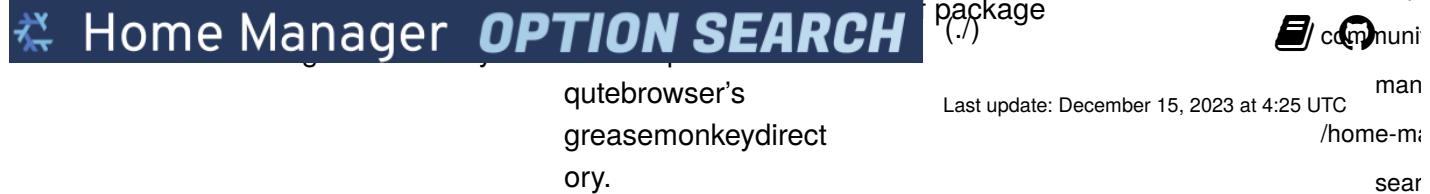
man

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programs pylint.enable	Whether to enable the pylint Python linter.	boolean
programs pylint.package	The pylint package to use.	package
programs pylint.settings	The pylint configuration.	attribute set of attribute set of (INI atom (null, bool, int, float or string) or a non-empty list of them)
programs pywal.enabled	Whether to enable pywal.	boolean
programs qcal.enabled	Whether to enable qcal, a CLI calendar application.	boolean
programs qcal.defaultNumDays	Default number of days to show calendar entries for	positive integer, meaning >0
programs qcal.timezone	Timezone to display calendar entries in	(optionally newline-terminated) single-line string
programs qutebrowser.enable	Whether to enable qutebrowser.	boolean
programs qutebrowser.enableDefaultBindings	Disable to prevent loading default key bindings.	boolean
programs qutebrowser.package	Qutebrowser package to install.	package
programs qutebrowser.aliases	Aliases for commands.	attribute set of string
programs qutebrowser.extraConfig	Extra lines added to qutebrowser config.py file.	strings concatenated with "\n"





programs.qutebrowser.keyBindings	Key bindings mapping keys to commands in different modes. This setting is a dictionary containing mode names and dictionaries mapping keys to commands: {mode: {key: command}} If you want to map a key to another key, check the keyMappings setting instead. For modifiers, you can use either - or + as delimiters, and these names:	attribute set of strings concatenated with ";;" with " ;;"
	Control, Ctrl	
	Meta, Windows, Mod4	
	Alt, Mod1	
	Shift	
	Default mode, where most commands are invoked.	





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(./)



/mip

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sear

man

sear

on a website, or bypassing i in normal mode. Passes through almost all keypresses to the website, but has some bindings like to open an external editor. Note that single keys can't be bound in this mode.

Entered when f is pressed to select links with the keyboard. Note that single keys can't be bound in this mode.

Similar to insert mode, but passes through all keypresses except to leave the mode. It might be useful to bind to some other key in this mode if you want to be able to send an Escape key to the website as well. Note that single keys can't be bound in this mode.

Entered when pressing the : key in order to enter a command. Note that single keys can't be bound in this mode.





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display, like for
downloadlocations
or when invoked
from JavaScript.

Entered when
there's a yes/no
prompt displayed.

Entered when
pressing the v mode,
used to select text
using the keyboard.

Entered when
qutebrowser is
waiting for a register
name/key
for commands like
:set-mark.

programs.qutebrowser.keyMappings	This setting can be used to map keys to other keys. When the key used as a dictionary-key is pressed, the binding for the key used as dictionary-value is invoked instead. This is useful for global remappings of keys, for example to map Ctrl-[to Escape. Note that when a key is bound (via bindings.default or bindings.commands), the mapping is ignored.	attribute set of string
----------------------------------	--	-------------------------

programs.qutebrowser.loadAutoconfig	Load settings configured via the GUI.	boolean
-------------------------------------	---------------------------------------	---------





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ute set of string
(.|)

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quickmarks file. Note
that when Home
Manager manages
your quickmarks,
you cannot edit them
at runtime.

`programs.qutebrowser.searchEngines` Search engines that can be used via the address bar. Maps a searchengine name (such as DEFAULT, orddg) to a URL with a {}placeholder. The placeholder will be replaced by the search term, use {{ and }} for literal{/} signs. The search engine namedDEFAULT is used

whenurl.auto_search is turned on and something else than a URL was entered to be opened. Other search engines can be used by prepending the search engine name to the search term, for example:open google qutebrowser.

`programs.qutebrowser.settings` Options to add to qutebrowser config.py file. See

<https://qutebrowser.org/doc/help/settings.html> for options.





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programs.rbenv.enableBashIntegration	Whether to enable Bash integration.	boolean
programs.rbenv.enableFishIntegration	Whether to enable Fish integration.	boolean
programs.rbenv.enableZshIntegration	Whether to enable Zsh integration.	boolean
programs.rbenv.package	The rbenv package to use.	package
programs.rbenv.plugins	rbenv plugins to install in \$HOME/.rbenv/plugins/.	list of (submodule)
programs.rbenv.plugin_ns.*.name	Name of the plugin.	string
programs.rbenv.plugin_ns.*.src	Path to the plugin folder.	path
programs.rbw.enabled	Whether to enable rbw, a CLI Bitwarden client.	boolean
programs.rbw.package	Package providing the rbw tool and itsrbw-agent daemon.	package
programs.rbw.settings	rbw configuration, if not defined the configuration will not be managed by Home Manager.	null or (JSON value)
programs.rbw.setting.s.base_url	The base-url for a self-hosted bitwarden installation.	null or string
programs.rbw.setting.s.email	The email address for your bitwarden account.	string





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installation.

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programs.rbw.setting.s.lock_timeout	The amount of time that your login information should be cached.	unsigned integer, meaning ≥ 0
programs.rbw.setting.s.pinentry	Which pinentry interface to use. Beware that pinentry-gnome3 may not work on non-GNOME systems. You can fix it by adding the following to your system configuration:	package or one of "curses", "tty", "gtk2", "emacs", "gnome3", "qt"
programs.readline.enable	Whether to enable readline.	boolean
programs.readline.bindings	Readline bindings.	attribute set of string
programs.readline.extraConfig	Configuration lines appended unchanged to the end of the <code>~/.inputrc</code> file.	strings concatenated with "\n"
programs.readline.includeSystemConfig	Whether to include the system-wide configuration.	boolean
programs.readline.variables	Readline customization variable assignments.	attribute set of (string or signed integer or boolean)



Home Manager OPTION SEARCH <small>lean(./)</small>		
 everywhere, as a native desktop applications by Rust/WebGPU or even in the browsers powered by WebAssembly/Web GPU.	Last update: December 15, 2023 at 4:25 UTC	/mip /communi man /home-m: sear
programs.rio.package	The rio package to use.	package
programs.rio.settings	Configuration written to \$XDG_CONFIG_HOME/rio/config.toml on Linux or \$HOME/Library/Application Support/rio/config.toml on Darwin. See for options.	TOML value
programs.ripgrep.enable	Whether to enable Ripgrep.	boolean
programs.ripgrep.package	The ripgrep package to use.	package
programs.ripgrep.arguments	List of arguments to pass to ripgrep. Each item is given to ripgrep as a single command line argument verbatim.	list of string
programs.rofi.enable	Whether to enable Rofi: A window switcher, application launcher and dmenu replacement.	boolean
programs.rofi.package	Package providing the rofi binary.	package

Home Manager OPTION SEARCH (./)		
	configuration file.	Last update: December 15, 2023 at 4:25 UTC
programs.rofi.cycle	Whether to cycle through the results list.	null or boolean
programs.rofi.extraConfig	Additional configuration to add.	(attribute set of (string or signed integer or boolean or (Rasi literal string)) or list of (string or signed integer or boolean or (Rasi literal string)))) or string
programs.rofi.finalPackage	Resulting customized rofi package.	package (read only)
programs.rofi.font	Font to use.	null or string
programs.rofi.location	The location rofi appears on the screen.	one of “bottom”, “bottom-left”, “bottom-right”, “center”, “left”, “right”, “top”, “top-left”, “top-right”
programs.rofi.pass.enable	Whether to enable rofi integration with password-store.	boolean
programs.rofi.pass.package	The rofi-pass package to use.	package
programs.rofi.pass.extraConfig	Extra configuration to be added at to the rofi-pass config file. Additional examples can be found at https://github.com/carnager/rofi-pass/blob/master/config.example .	strings concatenated with “\n”

Home Manager OPTION SEARCH		
	stores.	string (.)
programs.rofi.plugins	List of rofi plugins to be installed.	list of package
programs.rofi.terminal	Path to the terminal which will be used to run console applications	null or string
programs.rofi.theme	Name of theme or path to theme file in rasi format or attribute set withtheme configuration. Available named themes can be viewed using therofi-theme-selector tool.	null or string or path or attribute set of ((attribute set of (string or signed integer or boolean or (Rasi literal string)) or list of (string or signed integer or boolean or (Rasi literal string)))) or string)
programs.rofi.xoffset	Offset in the x-axis in pixels relative to the chosen location.	signed integer
programs.rofi.yoffset	Offset in the y-axis in pixels relative to the chosen location.	signed integer
programs.rtorrent.enabled	Whether to enable rTorrent.	boolean
programs.rtorrent.ext.raConfig	Configuration written to \$XDG_CONFIG_HOME/ome/rtorrent/rtorrent.rc. See https://github.com/rakshasa/rtorrent/wiki/Config-Guide#explanation-about-possible-values .	strings concatenated with "\n"
programs.rtx.enable	Whether to enable RTX. Runtime Executor (asdf Rust clone).	boolean





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programs.rtx.enableFishIntegration	Whether to enable Fish Integration.	boolean
programs.rtx.enableZshIntegration	Whether to enable Zsh Integration.	boolean
programs.rtx.package	The rtx package to use.	package
programs.rtx.settings	Settings written to \$XDG_CONFIG_HOME/rtx/config.toml.	TOML value
programs.ruff.enable	Whether to enable ruff, an extremely fast Python linter and code formatter, written in Rust.	boolean
programs.ruff.package	The ruff package to use.	package
programs.ruff.settings	Ruff configuration. For available settings see https://docs.astral.sh/ruff/settings .	TOML value
programs.sagemath.enable	Whether to enable SageMath, a mathematics software system.	boolean
programs.sagemath.package	The SageMath package to use.	package
programs.sagemath.configDir	Directory where the sage.init file will be stored. Note that the upstream default is ~/.sage, but our default is to follow XDG.	string





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that the upstream
default is `~/.sage`, but
our default is to
follow XDG.

programs.sagemath.initScript	Contents of the init.sage file that is loaded on startup.	strings concatenated with "\n"
programs.sbt.enable	Whether to enable sbt.	boolean
programs.sbt.package	The package with sbt to be installed.	package
programs.sbt.baseUserConfigPath	Where the sbt configuration files should be located, relativeHOME.	string
programs.sbt.credentials	A list of credentials to define in the sbt configuration directory.	list of (submodule)
programs.sbt.credentials.*.host	The hostname of the repository you're authenticating to.	string
programs.sbt.credentials.*.passwordCommand	The command that provides the password or authentication token for the repository.	string
programs.sbt.credentials.*.realm	The realm of the repository you're authenticating to.	string
programs.sbt.credentials.*.user	The user you're using to authenticate.	string
programs.sbt.plugins	A list of plugins to place in the sbt configuration directory.	list of (submodule)





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programs.sbt.plugins .*.org	The organization the artifact is published under.	string	Last update: December 15, 2023 at 4:25 UTC
programs.sbt.plugins .*.version	The version of the plugin.	string	
programs.sbt.repositories	A list of repositories to use when resolving dependencies. Defined as a list of pre-defined repository or custom repository as a set of name toURL. The list will be used to populate the ~/.sbt/repositories file in the order specified.	list of (one of "local", "maven-central", "maven-local" or attribute set of string)	
programs.scmpuff.enable	Whether to enable scmpuff, a command line tool that allows you to work quicker with Git by substituting numeric shortcuts for files.	boolean	
programs.scmpuff.enableAliases	Whether to enable aliases (e.g. gs, ga, gd, gco).	boolean	
programs.scmpuff.enableBashIntegration	Whether to enable Bash integration.	boolean	
programs.scmpuff.enableFishIntegration	Whether to enable fish integration.	boolean	
programs.scmpuff.enableZshIntegration	Whether to enable Zsh integration.	boolean	
programs.scmpuff.package	Package providing the scmpuff tool.	package	



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(./)

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programs.script-
directory.packageThe script-directory
package to use.

package

programs.script-
directory.settingsscript-directory
config, for options
take a look at the
documentation

attribute set of string

programs.senpai.en
ableWhether to enable
senpai.

boolean

programs.senpai.pa
ckageThe senpai package
to use.

package

programs.senpai.co
nfigConfiguration for
senpai. For a
complete list of
options,
seesenpai(5).

YAML value

programs.senpai.co
nfig.addrThe address
(host[:port]) of the
IRC server. senpai
uses
TLSconnections by
default unless you
specify no-tls option.
TLSconnections
default to port 6697,
plain-text use port
6667.

string

programs.senpai.co
nfig.nickYour nickname, sent
with a NICK IRC
message. It mustn't
containspaces or
colons (:).

string

programs.senpai.co
nfig.no-tlsDisables TLS
encryption.

boolean



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	or string (.)	/mip
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authentication. Note that it willreside world-readable in the Nix store.		
programs.sioyek.enab le	Whether to enable Sioyek, a PDF viewer designed for reading research papers and technical books.	boolean
programs.sioyek.pac kage	Package providing the sioyek binary	package
programs.sioyek.bin dings	Input configuration written to\$XDG_CONFIG_H OME/sioyek /keys_user.config.Se e https://github.com /ahrm/sioyek /blob/main /pdf_viewer /keys.config.	attribute set of (string or list of string)
programs.sioyek.con fig	Input configuration written to\$XDG_CONFIG_H OME/sioyek /prefs_user.config.S ee https://github.com /ahrm/sioyek /blob/main /pdf_viewer /prefs.config.	attribute set of string
programs.skim.enabl e	Whether to enable skim - a command- line fuzzy finder.	boolean
programs.skim.enabl eBashIntegration	Whether to enable Bash integration.	boolean
programs.skim.enabl eFishIntegration	Whether to enable Fish integration.	boolean



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programs.skim.package	Package providing the skim tool.	package	Last update: December 15, 2023 at 4:25 UTC
programs.skim.changeDirWidgetCommand	The command that gets executed as the source for skim for theALT-C keybinding.	null or string	/home-m:
programs.skim.changeDirWidgetOptions	Command line options for the ALT-C keybinding.	list of string	sear
programs.skim.defaultCommand	The command that gets executed as the default source for skimwhen running.	null or string	
programs.skim.defaultOptions	Extra command line options given to skim by default.	list of string	
programs.skim.getFileWidgetCommand	The command that gets executed as the source for skim for theCTRL-T keybinding.	null or string	
programs.skim.getFileWidgetOptions	Command line options for the CTRL-T keybinding.	list of string	
programs.skim.historyWidgetOptions	Command line options for the CTRL-R keybinding.	list of string	
programs.sm64ex.enable	Whether to enable sm64ex.	boolean	
programs.sm64ex.package	The sm64ex package to use.	package	
programs.sm64ex.baserom	The path to the Super Mario 64 baserom to extract assets from.	null or path	



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or (list of string)
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See <https://github.com/sm64pc/sm64ex/wiki/Build-optionsfor-more-information>.

programs.sm64ex.region	Your baserom's region. Note that only "us", "eu", and "jp" are supported.	null or one of "us", "eu", "jp"
programs.sm64ex.settings	Settings for sm64ex's \$XDG_DATA_HOME/sm64pc /sm64config.txt file.	null or (attribute set of (string or signed integer or boolean or list of string))
programs.sqls.enabled	Whether to enable sqls, a SQL language server written in Go.	boolean
programs.sqls.settings	Configuration written to \$XDG_CONFIG_HOME/sqls/config.yml. See https://github.com/lighttiger2505/sqls#db-configuration for supported values.	YAML value
programs.ssh.enabled	Whether to enable SSH client configuration.	boolean
programs.ssh.package	The openssh package to use. By default, the client provided by your system is used.	null or package





used during authentication will be added to ssh-agent if it is running (with confirmation enabled if set to ‘confirm’). The argument must be ‘no’ (the default), ‘yes’, ‘confirm’ (optionally followed by a time interval), ‘ask’ or a time interval (e.g. ‘1h’).

programs.ssh.compression	Specifies whether to use compression.	boolean
programs.ssh.controlMaster	Configure sharing of multiple sessions over a single network connection.	one of “yes”, “no”, “ask”, “auto”, “autoask”
programs.ssh.controlPath	Specify path to the control socket used for connection sharing.	string
programs.ssh.controlPersist	Whether control socket should remain open in the background.	string
programs.ssh.extraConfig	Extra configuration.	strings concatenated with “\n”
programs.ssh.extraOptionOverrides	Extra SSH configuration options that take precedence over anyhost specific configuration.	attribute set of string



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	authentication agent (if any)will be forwarded to the remote machine.	ean (./) Last update: December 15, 2023 at 4:25 UTC /home-m: sear /mip /communi man sear
programs.ssh.hashKnownHosts	Indicates that ssh(1) should hash host names and addresses when they are added to the known hosts file.	boolean
programs.ssh.includes	File globs of ssh config files that should be included via the <code>include</code> directive.	list of string
programs.ssh.matchBlocks	Specify per-host settings. Note, if the order of rules matter then use the DAG functions to express the dependencies as shown in the example.	DAG of submodule
programs.ssh.matchBlocks.<name>.addressFamily	Specifies which address family to use when connecting.	null or one of “any”, “inet”, “inet6”
programs.ssh.matchBlocks.<name>.certificateFile	Specifies files from which the user certificate is read.	(list of string) or null or string
programs.ssh.matchBlocks.<name>.checkHostIP	Check the host IP address in the <code>known_hosts</code> file.	boolean



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or boolean

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<code><name>.compression</code>	Omitted from the hostblock when null.	
<code>programs.ssh.match</code>	Specify dynamic port forwardings.	
<code><name>.dynamicForwards</code>	Seessh_config(5) for DynamicForward.	
<code>programs.ssh.match</code>	The address where to bind the port.	string
<code><name>.dynamicForwards.*.address</code>		
<code>programs.ssh.match</code>	Specifies port number to bind on bind address.	null or 16 bit unsigned integer; between 0 and 65535 (both inclusive)
<code><name>.dynamicForwards.*.port</code>		
<code>programs.ssh.match</code>	Extra configuration options for the host.	attribute set of string
<code><name>.extraOptions</code>		
<code>programs.ssh.match</code>	Whether the connection to the authentication agent (if any) will be forwarded to the remote machine.	null or boolean
<code>Blocks.<name>.forwardAgent</code>		
<code>programs.ssh.match</code>	Specifies whether X11 connections will be automatically redirected over the secure channel and DISPLAY set.	boolean
<code>Blocks.<name>.forwardX11</code>		
<code>programs.ssh.match</code>	Specifies whether remote X11 clients will have full access to the original X11 display.	boolean
<code>Blocks.<name>.forwardX11.Trusted</code>		





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block.Seessh_config
(5)for Host block
details.This option is
ignored
ifssh.matchBlocks.*.
matchif defined.

programs.ssh.matchBlocks.<name>.hostname	Specifies the real host name to log into.	null or string
programs.ssh.matchBlocks.<name>.identitiesOn	Specifies that ssh should only use the authentication identity explicitly configured in the ~/.ssh/config files or passed on the ssh command-line, even if ssh-agent offers more identities.	boolean
programs.ssh.matchBlocks.<name>.identityFile	Specifies files from which the user identity is read.Identities will be tried in the given order.	(list of string) or null or string
programs.ssh.matchBlocks.<name>.localForwards	Specify local port forwardings. Seessh_config(5) for LocalForward.	list of (submodule)
programs.ssh.matchBlocks.<name>.localForwards.*.bind.address	The address where to bind the port.	string
programs.ssh.matchBlocks.<name>.localForwards.*.bind.port	Specifies port number to bind on bind address.	null or 16 bit unsigned integer; between 0 and 65535 (both inclusive)





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<code><name>.localForward</code>	to.	null or 16 bit unsigned integer; between 0 and 65535 (both inclusive)	man /home-m:
<code>ds.*.host.address</code>			
<code>programs.ssh.match</code>	Specifies port number to forward	null or 16 bit unsigned integer;	sear
<code>Blocks.</code>	the traffic to.	between 0 and 65535 (both inclusive)	
<code><name>.localForward</code>			
<code>ds.*.host.port</code>			
<code>programs.ssh.match</code>	Match block conditions used by this block.	null or string	
<code>Blocks.</code>			
<code><name>.match</code>	Seessh_config(5) for Match block details. This option takes precedence over ssh.matchBlock s.*.hostif defined.		
<code>programs.ssh.match</code>	Specifies port number to connect on remote host.	null or 16 bit unsigned integer; between 0 and 65535 (both inclusive)	
<code>Blocks.<name>.port</code>			
<code>programs.ssh.match</code>	The command to use to connect to the server.	null or string	
<code>Blocks.</code>			
<code><name>.proxyComm</code>			
<code>and</code>			
<code>programs.ssh.match</code>	The proxy host to use to connect to the server.	null or string	
<code>Blocks.</code>			
<code><name>.proxyJump</code>			
<code>programs.ssh.match</code>	Specify remote port forwardings.	list of (submodule)	
<code>Blocks.</code>			
<code><name>.remoteForward</code>	Seessh_config(5) for RemoteForward.		
<code>ards</code>			
<code>programs.ssh.match</code>	The address where to bind the port.	string	
<code>Blocks.</code>			
<code><name>.remoteForward</code>			
<code>ards.*.bind.address</code>			





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for 16 bit
signed integer;

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<code><name>.remoteForw ards.*.bind.port</code>	bind address.	between 0 and 65535 (both inclusive)
<code>programs.ssh.match Blocks.</code>	The address where to forward the traffic to.	null or string
<code><name>.remoteForw ards.*.host.address</code>		
<code>programs.ssh.match Blocks.</code>	Specifies port number to forward <name>.remoteForw ards.*.host.port the traffic to.	null or 16 bit unsigned integer; between 0 and 65535 (both inclusive)
<code>programs.ssh.match Blocks.</code>	Environment variables to send from the local host to theserver.	list of string
<code><name>.sendEnv</code>		
<code>programs.ssh.match Blocks.</code>	Sets the number of server alive messages which may be sentwithout SSH receiving any messages back from the server.	positive integer, meaning >0
<code><name>.serverAlive CountMax</code>		
<code>programs.ssh.match Blocks.</code>	Set timeout in seconds after which <name>.serverAlive nterval response will be requested.	signed integer
<code><name>.setEnv</code>	Environment variables and their value to send to the server.	attribute set of (string or path or signed integer or floating point number)
<code>programs.ssh.match Blocks.<name>.user</code>	Specifies the user to log in as.	null or string





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ning >0

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alive messages
which may besent
without SSH
receiving any
messages back from
the server.

programs.ssh.serverAliveInterval	Set default timeout in seconds after which response will be requested.	signed integer
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programs.ssh.userKnownHostsFile	Specifies one or more files to use for the user host keydatabase, separated by whitespace. The default is ~/.ssh /known_hosts.	string
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programs.starship.enable	Whether to enable starship.	boolean
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programs.starship.enableBashIntegration	Whether to enable Bash integration.	boolean
---	-------------------------------------	---------

programs.starship.enableFishIntegration	Whether to enable Fish integration.	boolean
---	-------------------------------------	---------

programs.starship.enableIonIntegration	Whether to enable Ion integration.	boolean
--	------------------------------------	---------

programs.starship.enableNushellIntegration	Whether to enable Nushell integration.	boolean
--	--	---------

programs.starship.enableTransience	The TransientPrompt feature of Starship replaces previous prompts with a custom string. This is only a valid option for the Fish shell.	boolean
------------------------------------	---	---------





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programs.starship.package	The package to use for the starship binary.	package	Last update: December 15, 2023 at 4:25 UTC
programs.starship.settings	Configuration written to \$XDG_CONFIG_HOME/starship.toml.	Starship configuration	/home-m: sear
programs.swaylock.enable	Whether to enable swaylock.	boolean	
programs.swaylock.package	The swaylock package to use.	package	
programs.swaylock.settings	Default arguments to swaylock. An empty setdisables configuration generation.	attribute set of (boolean or floating point number or signed integer or string)	
programs.swayr.enabled	Whether to enable the swayr service.	boolean	
programs.swayr.package	swayr package to use.	package	
programs.swayr.extraConfig	Extra configuration lines to append to the swayrconfiguration file.	strings concatenated with "\n"	
programs.swayr.settings	Configuration included in config.toml. For available options see https://git.sr.ht/~tsdh/swayr#swayr-configuration	null or TOML value	
programs.swayr.systemd.enable	Whether to enable swayr systemd integration.	boolean	
programs.swayr.systemd.target	Systemd target to bind to.	string	



Home Manager **OPTION SEARCH**

programs.taskwarrior.package	The taskwarrior package to use.	package
programs.taskwarrior.colorTheme	Either one of the default provided theme as string, or a path to a theme configuration file.	null or string or path
programs.taskwarrior.config	Key-value configuration written to \$XDG_CONFIG_HOME/task/taskrc.	attribute set of anything
programs.taskwarrior.dataLocation	Location where TaskWarrior will store its data.	string
programs.taskwarrior.extraConfig	Additional content written at the end of \$XDG_CONFIG_HOME/task/taskrc.	strings concatenated with "\n"
programs.tealdeer.enable	Whether to enable Tealdeer.	boolean
programs.tealdeer.settings	Configuration written to \$XDG_CONFIG_HOME/tealdeer/config.toml on Linux or \$HOME/Library/Application Support/tealdeer/config.toml on Darwin. See https://dbrgn.gitub.io/tealdeer/config.html for more information.	TOML value
programs.terminator.enable	Whether to enable terminator, a tiling terminal emulator.	boolean
programs.terminator.package	terminator package to install.	package



Home Manager OPTION SEARCH <small>(./)</small>		
programs.termite.enable	Whether to enable Termite VTE-based terminal.	boolean
programs.termite.enableVteIntegration	Whether to enable Shell VTE integration.	boolean
programs.termite.allowBold	Allow the output of bold characters when the bold escape sequence appears.	null or boolean
programs.termite.adjustableBell	Have the terminal beep on the terminal bell.	null or boolean
programs.termite.backgroundColor	Background color value.	null or string
programs.termite.browser	Set the default browser for opening links. If its not set, \$BROWSER is read. If that's not set, url hints will be disabled.	null or string
programs.termite.clickableUrl	Auto-detected URLs can be clicked on to open them in your browser. Only enabled if a browser is configured or detected.	null or boolean
programs.termite.colorsExtra	Extra colors options that should be added to [colors] section.	strings concatenated with "\n"



Home Manager **OPTION SEARCH**

or one of
“on”, “off”

/mip

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/home-m:

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should
behave.Accepts
system to respect
the gtk global
configuration.on and
off to explicitly
enable or disable
them.

programs.termite.cur sorColor	Cursor color value.	null or string
programs.termite.cur sorForegroundColor	Cursor foreground color value.	null or string
programs.termite.cur sorShape	Specify how the cursor should look. Accepts block, ibeam and underline.	null or one of “block”, “underline”, “ibeam”
programs.termite.dy namicTitle	Settings dynamic title allows the terminal and the shell to update the terminal's title.	null or boolean
programs.termite.fil terUnmatchedUrls	Whether to hide url hints not matching input in url hints mode.	null or boolean
programs.termite.fon t	The font description for the terminal's font.	null or string
programs.termite.for egroundBoldColor	Foreground bold color value.	null or string
programs.termite.for egroundColor	Foreground color value.	null or string
programs.termite.full screen	Enables entering fullscreen mode by pressing F11.	null or boolean





Home Manager **OPTION SEARCH**

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terminal windows.

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programs.termite.hig highlight color value. null or string
hlightColor

programs.termite.hin Hints active null or string
tsActiveBackground background color
Color value.

programs.termite.hin Hints active null or string
tsActiveForeground foreground color
Color value.

programs.termite.hin Hints background null or string
tsBackgroundColor color value.

programs.termite.hin Hints border color null or string
tsBorderColor value.

programs.termite.hin Hints border width. null or string
tsBorderWidth

programs.termite.hin Extra hints options strings concatenated
tsExtra that should be with "\n" added to [hints] section.

programs.termite.hin The font description null or string
tsFont for the hints font.

programs.termite.hin Hints foreground null or string
tsForegroundColor color value.

programs.termite.hin Hints padding. null or signed integer
tsPadding

programs.termite.hin Hints roundness. null or string
tsRoundness

programs.termite.ico The name of the null or string
nName icon to be used for
the terminal process.



programs.termite.mo Emit escape null or boolean
difyOtherKeys sequences for extra
keys, like the
modifyOtherKeys
resource for xterm(1).



Home Manager **OPTION SEARCH**

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when you start
typing.

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programs.termite.optionsExtra	Extra options that should be added to [options] section.	strings concatenated with "\n"
programs.termite.scrollOnKeystroke	Scroll to the bottom automatically when a key is pressed.	null or boolean
programs.termite.scrollOnOutput	Scroll to the bottom when the shell generates output.	null or boolean
programs.termite.scrollbackLines	Set the number of lines to limit the terminal's scrollback.	null or signed integer
programs.termite.scrollbar	Scrollbar position.	null or one of "off", "left", "right"
programs.termite.searchWrap	Search from top again when you hit the bottom.	null or boolean
programs.termite.sizeHints	Enable size hints. Locks the terminal resizing to increments of the terminal's cell size. Requires a window manager that respects scroll hints.	null or boolean
programs.termite.urgentOnBell	Sets the window as urgent on the terminal bell.	null or boolean
programs.texlive.enabled	Whether to enable TeX Live.	boolean
programs.texlive.package	Resulting customized TeX Live package.	package (read only)



Home Manager OPTION SEARCH		
	specified value (. .)	/mip
programs.texlive.extraPackages	Extra packages available to TeX Live.	unspecified value Last update: December 15, 2023 at 4:25 UTC /home-m: sear
programs.thefuck.enabled	Whether to enable thefuck - magnificent app that corrects your previous console command.	boolean
programs.thefuck.enabledBashIntegration	Whether to enable Bash integration.	boolean
programs.thefuck.enabledFishIntegration	Whether to enable Fish integration.	boolean
programs.thefuck.enabledInstantMode	Whether to enable thefuck's experimental instant mode.	boolean
programs.thefuck.enabledZshIntegration	Whether to enable Zsh integration.	boolean
programs.thefuck.package	The thefuck package to use.	package
programs.thunderbird.enable	Whether to enable Thunderbird.	boolean
programs.thunderbird.package	The Thunderbird package to use.	package
programs.thunderbird.profiles	Attribute set of Thunderbird profiles.	attribute set of (submodule)
<code><name>.extraConfig</code>	Extra preferences to add to user.js.	strings concatenated with "\n"
programs.thunderbird.profiles.<name>.isDefault	Whether this is a default profile. There must be exactly one default profile.	boolean
programs.thunderbird.profiles.<name>.name	This profile's name.	string (read only)



Home Manager OPTION SEARCH		
		Attribute set of (.)/ ean or signed integer or string) <small>Last update: December 15, 2023 at 4:25 UTC</small>
<name>.settings	profile's user.js.	string concatenated with "\n"
programs.thunderbird.profiles.	Custom Thunderbird user chrome CSS.	strings concatenated with "\n"
<name>.userChrome		
programs.thunderbird.profiles.	Custom Thunderbird user content CSS.	strings concatenated with "\n"
<name>.userContent		
programs.thunderbird.profiles.	Allow using external GPG keys with <name>.withExternalGPGME.	boolean
IGnupg		
programs.thunderbird.settings	Attribute set of Thunderbird preferences to be added to all profiles.	attribute set of (boolean or signed integer or string)
programs.timidity.enable	Whether to enable timidity, a software MIDI renderer.	boolean
programs.timidity.package	The timidity package to use.	package
programs.timidity.extraConfig	Extra configuration.	strings concatenated with "\n"
programs.timidity.finalPackage	Resulting package.	package (read only)
programs.tint2.enabled	Whether to enable tint2, a simple, unobtrusive and light panel for Xorg.	boolean
programs.tint2.package	Tint2 package to install.	package
programs.tint2.extraConfig	Commands for tint2 that will be added to the tint2rcfile.	strings concatenated with "\n"

Home Manager OPTION SEARCH <small>mean(./)</small>		
written in Rust.		/mip
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programs.tiny.package	The tiny package to install.	/home-m: sear
programs.tiny.settings	Configuration written to \$XDG_CONFIG_HOME/tiny/config.yml. See https://github.com/osa1/tiny/blob/master/crates/tiny/config.yml for the default configuration.	YAML value
programs.tmate.enabled	Whether to enable tmate.	boolean
programs.tmate.package	The tmate package to install.	package
programs.tmate.dsaFingerprint	Tmate server EdDSA key fingerprint.	null or string
programs.tmate.extraConfig	Additional content written at the end of ~/.tmate.conf.	strings concatenated with "\n"
programs.tmate.host	Tmate server address.	null or string
programs.tmate.port	Tmate server port.	null or 16 bit unsigned integer; between 0 and 65535 (both inclusive)
programs.tmate.rsaFingerprint	Tmate server RSA key fingerprint.	null or string
programs.tmux.enabled	Whether to enable tmux.	boolean
programs.tmux.package	The tmux package to install	package



Home Manager **OPTION SEARCH**

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smallest session
forwhich it is the
current window.

programs.tmux.baseIndex	Base index for windows and panes.	unsigned integer, meaning >=0
programs.tmux.clock24	Use 24 hour clock.	boolean
programs.tmux.customPaneNavigationAndResize	Override the hjkl and HJKL bindings for pane navigation andresizing in VI mode.	boolean
programs.tmux.disableConfirmationPrompt	Disable confirmation prompt before killing a pane or window	boolean
programs.tmux.escapeTime	Time in milliseconds for which tmux waits after an escape isinput.	unsigned integer, meaning >=0
programs.tmux.extraConfig	Additional configuration to add totmux.conf.	strings concatenated with "\n"
programs.tmux.historyLimit	Maximum number of lines held in window history.	positive integer, meaning >0
programs.tmux.keyMode	VI or Emacs style shortcuts.	one of "emacs", "vi"
programs.tmux.mouse	Whether to enable mouse support.	boolean
programs.tmux.newSession	Automatically spawn a session if trying to attach and noneare running.	boolean



Home Manager OPTION SEARCH		
 Home Manager	OPTION SEARCH	plugin pages or submodules. <small>Last update: December 15, 2023 at 4:25 UTC</small>
end of your tmux configuration.	The sensible plugin, however, is defaulted to run at the top of your configuration.	/mip /communi man /home-m: sear
programs.tmux.prefix	Set the prefix key. Overrules the “shortcut” option when set.	null or string
programs.tmux.resizeAmount	Number of lines/columns when resizing.	positive integer, meaning >0
programs.tmux.reverseSplit	Reverse the window split shortcuts.	boolean
programs.tmux.secureSocket	Store tmux socket under /run, which is more secure than /tmp, but as a downside it doesn't survive user logout.	boolean
programs.tmux.sensibleOnTop	Run the sensible plugin at the top of the configuration. It is possible to override the sensible settings using the programs.tmux.extraConfig option.	boolean
programs.tmux.shell	Set the default-shell tmux variable.	null or string
programs.tmux.shortcut	CTRL following by this key is used as the main shortcut.	string
programs.tmux.terminal	Set the \$TERM variable.	string



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`programs.tmux.tmux.p.enable` Whether to enable tmuxp.

boolean

`programs.topgrade.enable` Whether to enable topgrade.

boolean

`programs.topgrade.package` The package to use for the topgrade binary.

package

`programs.topgrade.settings` Configuration written to \$XDG_CONFIG_HOME/topgrade.toml.

TOML value

`programs.translate-shell.enable` Whether to enable translate-shell.

boolean

`programs.translate-shell.settings` Options to add to \$XDG_CONFIG_HOME/translate-shell/init.trans file. See <https://github.com/soimort/translate-shell/wiki/Configurationforoptions>.

attribute set of

(boolean or string or list of string)

`programs.urxvt.enabled` Whether to enable rxvt-unicode terminal emulator.

boolean

`programs.urxvt.package` rxvt-unicode package to install.

package

`programs.urxvt.extraConfig` Additional configuration to add.

attribute set of

anything

`programs.urxvt.fonts` List of fonts to be used.

list of string



`programs.urxvt.iso14755` ISO14755 support for viewing and entering unicode characters.

boolean

Home Manager OPTION SEARCH		
	actions	ute set of string (. /)
programs.urxvt.scroll	Scrollbar settings.	submodule
.bar		
programs.urxvt.scroll	Whether to enable the scrollbar.	boolean
.bar.enable		
programs.urxvt.scroll	Scrollbar alignment.	one of "top", "bottom", "center"
.bar.align		
programs.urxvt.scroll	Whether to display an rxvt scrollbar without a trough.	boolean
.bar.floating		
programs.urxvt.scroll	Scrollbar position.	one of "left", "right"
.bar.position		
programs.urxvt.scroll	Scrollbar style.	one of "rxvt", "plain", "next", "xterm"
.bar.style		
programs.urxvt.scroll	Whether to keep a scroll position when TTY receives new lines.	boolean
.keepPosition		
programs.urxvt.scroll	Number of lines to save in the scrollback buffer.	unsigned integer, meaning ≥ 0
.lines		
programs.urxvt.scroll	Whether to scroll to bottom on keyboard input.	boolean
.scrollOnKeystroke		
programs.urxvt.scroll	Whether to scroll to bottom on TTY output.	boolean
.scrollOnOutput		
programs.urxvt.shading	Darken (0 to 99) or lighten (101 to 200) the transparent background.	integer between 0 and 200 (both inclusive)
programs.urxvt.transparent		
programs.urxvt.transparent	Whether to enable pseudo-transparency.	boolean
programs.vdirsyncer	Whether to enable vdirsyncer.	boolean
enable		



Home Manager **OPTION SEARCH**

programs.vdirsyncer. statusPath	A directory where vdirsyncer will store some additional data for the next sync.	string	Last update: December 15, 2023 at 4:25 UTC /home-m: search
programs.vim.enabl e	Whether to enable Vim.	boolean	
programs.vim.packag e	Resulting customized vim package	package (read only)	
programs.vim.packag eConfigurable	Vim package to customize	package	
programs.vim.default Editor	Whether to configure vim as the defaulteditor using the EDITOR environment variable.	boolean	
programs.vim.extraC onfig	Custom .vimrc lines	strings concatenated with "\n"	
programs.vim.plugin s	List of vim plugins to install. To get a list of supported plugins run:nix-env -f " -qaP -A vimPlugins.	list of (string or package)	
programs.vim.setting s	At attribute set of Vim settings. The attribute names and corresponding values must be among the following supportedoptions.	submodule	
	one of "dark", "light"		
	list of string		
	boolean		
	list of string		
	boolean		



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	signed integer	/mip
	boolean	communi
	boolean	man
	one of "n", "v", "i", "c", "h", "a", "r"	/home-m: sear
	boolean	
	boolean	
	one of "extend", "popup", "popup_setpos"	
	boolean	
	boolean	
	signed integer	
	boolean	
	signed integer	
	list of string	
	boolean	
programs.vim-vint.enable	Whether to enable the Vint linter for Vimsript.	boolean
programs.vim-vint.package	The vim-vint package to use.	package
programs.vim-vint.settings	Configuration written to \$XDG_CONFIG_H OME/.vintrc.yaml	YAML value
programs.vscode.enabled	Whether to enable Visual Studio Code.	boolean
programs.vscode.enabledExtensionUpdateCheck	Whether to enable update notifications for extensions.	boolean
programs.vscode.enabledUpdateCheck	Whether to enable update checks/notifications.	boolean



Home Manager **OPTION SEARCH**

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install.

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programs.vscode.extensions	The extensions Visual Studio Code should be started with.	list of package	/home-m: sear
programs.vscode.globalSnippets	Defines global user snippets.	JSON value	
programs.vscode.haskell.enable	Whether to enable Haskell integration for Visual Studio Code.	boolean	
programs.vscode.haskell.hie.enable	Whether to enable Haskell IDE engine integration.	boolean	
programs.vscode.haskell.hie.executablePath	The path to the Haskell IDE Engine executable.	path	
programs.vscode.keyboardbindings	Keybindings written to Visual Studio Code's keybindings.json.	list of (submodule)	
programs.vscode.keyboardbindings.*.args	Optional arguments for a command.	null or JSON value	
programs.vscode.keyboardbindings.*.command	The VS Code command to execute.	string	
programs.vscode.keyboardbindings.*.key	The key or key-combination to bind.	string	
programs.vscode.keyboardbindings.*.when	Optional context filter.	null or string	
programs.vscode.languageSnippets	Defines user snippets for different languages.	JSON value	



Home Manager OPTION SEARCH <small>lean(./)</small>		
updated manually or by Visual Studio Code.	Last update: December 15, 2023 at 4:25 UTC	/mipmip.com/
programs.vscode.userSettings	Configuration written to Visual Studio Code's <code>settings.json</code> .	man /home-manage search
programs.vscode.userTasks	Configuration written to Visual Studio Code's <code>tasks.json</code> .	
programs.watson.enable	Whether to enable watson, a wonderful CLI to track your time.	boolean
programs.watson.enableBashIntegration	Whether to enable watson's bash integration.	boolean
programs.watson.enableFishIntegration	Whether to enable watson's fish integration.	boolean
programs.watson.enableZshIntegration	Whether to enable watson's zsh integration.	boolean
programs.watson.package	Package providing the watson.	package
programs.watson.settings	Configuration written to <code>\$XDG_CONFIG_HOME/watson/config</code> on Linux or <code>\$HOME/Library/Application Support/watson/config</code> on Darwin.	attribute set of (INI atom (null, bool, int, float or string))
programs.waybar.enabled	Whether to enable Waybar.	boolean
programs.waybar.package	Waybar package to use. Set to null to use the default package.	package



Home Manager

OPTION SEARCH

of (JSON value)

attribute set of

<https://github.com>[/Alexays/Waybar](#)[/wiki/Configurationfor](#)[supported values.](#)(JSON value)
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programs.waybar.sty	CSS style of the bar. le	null or path or strings concatenated with "\n"
programs.waybar.sy temd.enable	Whether to enable Waybar systemd integration.	boolean
programs.waybar.sy temd.target	The systemd target that will automatically start the Waybar service.	string
programs.wezterm.e nable	Whether to enable wezterm.	boolean
programs.wezterm.e nableBashIntegratio n	Whether to enable WezTerm's Bash integration.	boolean
programs.wezterm.e nableZshIntegration	Whether to enable WezTerm's Zsh integration.	boolean
programs.wezterm.p ackage	The Wezterm package to install.	package





Home Manager

OPTION SEARCHute set of
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schemes to be written to \$XDG_CONFIG_HOME/wezterm /colors, where each key is taken as the name of the corresponding color scheme.

See <https://wezfurlong.org/wezterm/config/appearance.html#defining-a-color-scheme-in-a-separate-file> for more details of the TOML color scheme format.

programs.wezterm.extraConfig	Extra configuration written to \$XDG_CONFIG_HOME/wezterm.lua.	strings concatenated with "\n"
programs.wlogout.enable	Whether to enable wlogout.	boolean
programs.wlogout.package	The wlogout package to use.	package
programs.wlogout.layout	Layout configuration for wlogout, see https://github.com/ArtsyMacaw/wlogout#configfor supported values.	list of (JSON value)
programs.wlogout.layout.*.action	Command to execute when clicked.	path or string



Home Manager OPTION SEARCH			or boolean	/mip
			Last update: December 15, 2023 at 4:25 UTC	communi
			/home-m:	man
programs.wlogout.la	Relative height of tile.		null or integer or floating point number between 0 and 1 (both inclusive)	sear
yout.*.height				
programs.wlogout.la	Keyboard character to trigger this action.	string		
yout.*.keybind				
programs.wlogout.la	CSS label of button.	string		
yout.*.label				
programs.wlogout.la	Text displayed on button.	string		
yout.*.text				
programs.wlogout.la	Relative width of tile.	null or integer or floating point number between 0 and 1 (both inclusive)		
yout.*.width				
programs.wlogout.st	CSS style of the bar.	null or path or string		
yle				
programs.wofi.enable	Whether to enable wofi: a launcher/menu program for wlroots based wayland compositors such as sway.	boolean		
programs.wofi.package	The wofi package to use.	package		
programs.wofi.settings	Configuration options for wofi. See wofi(5).	attribute set		
programs.wofi.style	CSS style for wofi to use as a stylesheet. See wofi(7).	null or string		
programs.wpaperd.enabled	Whether to enable wpaperd.	boolean		
programs.wpaperd.package	The wpaperd package to use.	package		

Home Manager OPTION SEARCH		
	L value	(?)
OME/wpaperd		/mip
/wallpaper.toml.See		communi
<a #configurationfor="" a="" href="https://github.com/danyspin97/wpaperd#wallpaper-configurationfor the full list of options.</td><td></td><td>man</td></tr> <tr> <td></td><td>Last update: December 15, 2023 at 4:25 UTC</td><td>/home-m:</td></tr> <tr> <td></td><td></td><td>sear</td></tr> <tr> <td>programs.xmobar.enable</td><td>Whether to enable Xmobar, a minimalistic status bar.</td><td>boolean</td></tr> <tr> <td>programs.xmobar.package</td><td>Package providing the xmobar binary.</td><td>package</td></tr> <tr> <td>programs.xmobar.extraConfig</td><td>Extra configuration lines to add to \$XDG_CONFIG_HOME/.xmobarrc. See <a href=" https:="" options.<="" xmobar.org="">	strings concatenated with "\n"	
programs.xplr.enable	Whether to enable xplr, terminal UI based file explorer.	boolean
programs.xplr.package	The xplr package to use.	package
programs.xplr.extraConfig	Extra xplr configuration.	strings concatenated with "\n"
programs.xplr.plugins	Plugins to be added to your configuration file.	null or (list of (package or string))
programs.yazi.enabled	Whether to enable yazi.	boolean
programs.yazi.enabledBashIntegration	Whether to enable Bash integration.	boolean
programs.yazi.enabledFishIntegration	Whether to enable Fish integration.	boolean

Home Manager OPTION SEARCH <small>(./)</small>			/mip communi man /home-m: sear
programs.yazi.enableZshIntegration	Whether to enable Zsh integration.	boolean	Last update: December 15, 2023 at 4:25 UTC /home-m: sear
programs.yazi.package	Yazi package to install.	package	
programs.yazi.keymap	Configuration written to \$XDG_CONFIG_HOME/yazi/keymap.toml.	TOML value	
programs.yazi.settings	Configuration written to \$XDG_CONFIG_HOME/yazi/yazi.toml.	TOML value	
programs.yazi.theme	Configuration written to \$XDG_CONFIG_HOME/yazi/theme.toml.	TOML value	
programs.yt-dlp.enable	Whether to enable yt-dlp.	boolean	
programs.yt-dlp.package	Package providing the yt-dlp tool.	package	
programs.yt-dlp.extraConfig	Extra configuration to add to \$XDG_CONFIG_HOME/yt-dlp/config.	strings concatenated with "\n"	
programs.yt-dlp.settings	Configuration written to \$XDG_CONFIG_HOME/yt-dlp/config.	attribute set of (boolean or signed integer or string)	
programs.z-lua.enable	Whether to enable z.lua.	boolean	
programs.z-lua.enableAliases	Whether to enable recommended z.lua aliases.	boolean	
programs.z-lua.enableBashIntegration	Whether to enable Bash integration.	boolean	

Home Manager OPTION SEARCH		
option	description	type
programs.zlua.enableZshIntegration	Whether to enable Zsh integration.	boolean
programs.zlua.options	List of options to pass to z.lua.	list of string
programs.zathura.enabled	Whether to enable Zathura, a highly customizable and functional document viewer focused on keyboard interaction.	boolean
programs.zathura.package	The Zathura package to use	package
programs.zathura.extraConfig	Additional commands for zathura that will be added to the zathurarc file.	strings concatenated with "\n"
programs.zathura.mappings	Add :map mappings to zathura and makethem permanent. See zathurarc(5) for the full list of possible mappings.	attribute set of string
programs.zathura.options	Add :set command options to zathura and makethem permanent. See zathurarc(5) for the full list of options.	attribute set of (string or boolean or signed integer)
programs.zellij.enabled	Whether to enable zellij.	boolean
programs.zellij.enableBashIntegration	Whether to enable Bash integration.	boolean
programs.zellij.enableFishIntegration	Whether to enable Fish integration.	boolean

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programs.zellij.package	The zellij package to install.	package
programs.zellij.settings	Configuration written to \$XDG_CONFIG_HOME/zellij/config.yaml.	YAML value
programs.zoxide.enabled	Whether to enable zoxide.	boolean
programs.zoxide.enabledBashIntegration	Whether to enable Bash integration.	boolean
programs.zoxide.enabledFishIntegration	Whether to enable Fish integration.	boolean
programs.zoxide.enabledNushellIntegration	Whether to enable Nushell integration.	boolean
programs.zoxide.enabledZshIntegration	Whether to enable Zsh integration.	boolean
programs.zoxide.package	Zoxide package to install.	package
programs.zoxide.options	List of options to pass to zoxide.	list of string
programs.zsh.enabled	Whether to enable Z shell (Zsh).	boolean
programs.zsh.enableAutosuggestions	Enable zsh autosuggestions	unspecified value
programs.zsh.enableCompletion	Enable zsh completion. Don't forget to add	boolean
programs.zsh.enableVteIntegration	Whether to enable integration with terminals using the VTE library. This will let the terminal track the current working directory.	boolean





Home Manager **OPTION SEARCH**

page
(.)

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sear

programs.zsh.antidot.e.enable	Whether to enable antidote - a zsh plugin manager.	boolean	Last update: December 15, 2023 at 4:25 UTC
programs.zsh.antidot.e.package	The antidote package to use.	package	/home-m: sear
programs.zsh.antidot.e.plugins	List of antidote plugins.	list of string	
programs.zsh.antidot.e.useFriendlyNames	Whether to enable friendly names.	boolean	
programs.zsh.autocd	Automatically enter into a directory if typed directly into shell.	null or boolean	
programs.zsh.cdpatheres	List of paths to autocomplete calls to cd.	list of string	
programs.zsh.completionInit	Initialization commands to run when completion is enabled.	strings concatenated with "\n"	
programs.zsh.defaultKeymap	The default base keymap to use.	null or one of "emacs", "vicmd", "viins"	
programs.zsh.dirHashes	An attribute set that adds to named directory hash table.	attribute set of string	
programs.zsh.dotDir	Directory where the zsh configuration and more should be located, relative to the users home directory. The default is the homedirectory.	null or string	
programs.zsh.envExtra	Extra commands that should be added to .zshenv.	strings concatenated with "\n"	



Home Manager OPTION SEARCH module		
configuration.		
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programs.zsh.history .expireDuplicatesFirst	Expire duplicates first.	boolean
		man /home-m: sear
programs.zsh.history .extended	Save timestamp into the history file.	boolean
programs.zsh.history .ignoreAllDups	If a new command line being added to the history list duplicates an older one, the older command is removed from the list (even if it is not the previous event).	boolean
programs.zsh.history .ignoreDups	Do not enter command lines into the history list if they are duplicates of the previous event.	boolean
programs.zsh.history .ignorePatterns	Do not enter command lines into the history list if they match any one of the given shell patterns.	list of string
programs.zsh.history .ignoreSpace	Do not enter command lines into the history list if the first character is a space.	boolean
programs.zsh.history .path	History file location	string
programs.zsh.history .save	Number of history lines to save.	signed integer
programs.zsh.history .share	Share command history between zsh sessions.	boolean

Home Manager OPTION SEARCH		
programs.zsh.history	Options related to zsh-history-substring-search.	submodule (.)
SubstringSearchable	Whether to enable history substring search.	boolean
SubstringSearch.sear chDownKey	The key codes to be used when searching down. The default of ^[[B may correspond to the DOWN key – if not, try\$terminfo[kcud1].	(list of string) or string
SubstringSearch.sea rchUpKey	The key codes to be used when searching up. The default of ^[[A may correspond to the UP key – if not, try\$terminfo[kcuu1].	(list of string) or string
programs.zsh.initExt ra	Extra commands that should be added to .zshrc.	strings concatenated with “\n”
programs.zsh.initExt raBeforeComplInit	Extra commands that should be added to .zshrc before compinit.	strings concatenated with “\n”
programs.zsh.initExt raFirst	Commands that should be added to top of .zshrc.	strings concatenated with “\n”
programs.zsh.localVariables	Extra local variables defined at the top of .zshrc.	attribute set
programs.zsh.loginExtra	Extra commands that should be added to .zlogin.	strings concatenated with “\n”

Home Manager OPTION SEARCH		
	Options concatenated with "\n" added to .zlogout.	Last update: December 15, 2023 at 4:25 UTC
programs.zsh.oh-my-zsh	Options to configure oh-my-zsh.	submodule
programs.zsh.oh-my-zsh.enable	Whether to enable oh-my-zsh.	boolean
programs.zsh.oh-my-zsh.package	The oh-my-zsh package to use.	package
programs.zsh.oh-my-zsh.custom	Path to a custom oh-my-zsh package to override config of oh-my-zsh. See https://github.com/robbyrussell/oh-my-zsh/wiki/Customization for more information.	string
programs.zsh.oh-my-zsh.extraConfig	Extra settings for plugins.	strings concatenated with "\n"
programs.zsh.oh-my-zsh.plugins	List of oh-my-zsh plugins	list of string
programs.zsh.oh-my-zsh.theme	Name of the theme to be used by oh-my-zsh.	string
programs.zsh.plugins	Plugins to source in .zshrc.	list of (submodule)
programs.zsh.plugins.*.file	The plugin script to source.	string
programs.zsh.plugins.*.name	The name of the plugin.	string
programs.zsh.plugins.*.src	Path to the plugin folder.	path
programs.zsh.prezto	Options to configure prezto.	submodule
programs.zsh.prezto.enable	Whether to enable prezto.	boolean



Home Manager **OPTION SEARCH**

or string
(.)

or

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programs.zsh.prezto .caseSensitive	Set case-sensitivity for completion, history lookup, etc.	null or boolean
programs.zsh.prezto .color	Color output (automatically set to false on dumb terminals).	null or boolean
programs.zsh.prezto .completions.ignored Hosts	Set the entries to ignore in static /etc/hosts for host completion.	list of string
programs.zsh.prezto .editor.dotExpansion	Automatically convert to ../../	null or boolean
programs.zsh.prezto .editor.keymap	Set the key mapping style to emacs or vi.	null or one of "emacs", "vi"
programs.zsh.prezto .editor.promptContext	Allow the Zsh prompt context to be shown.	null or boolean
programs.zsh.prezto .extraConfig	Additional configuration to add to .zpreztorc.	strings concatenated with "\n"
programs.zsh.prezto .extraFunctions	Set the Zsh functions to load (zshcontrib(1)).	list of string
programs.zsh.prezto .extraModules	Set the Zsh modules to load (zshmodules(1)).	list of string
programs.zsh.prezto .git.submoduleIgnore	Ignore submodules when they are dirty, untracked, all, or none.	null or one of "dirty", "untracked", "all", "none"
programs.zsh.prezto .gnuUtility.prefix	Set the command prefix on non-GNU systems.	null or string



Home Manager OPTION SEARCH		
		For string (.)
ndColor		man /home-m: sear
programs.zsh.prezto.historySubstring.globbingFlags	Set the search globbing flags.	null or string
programs.zsh.prezto.historySubstring.not	Set the query not found color.	null or string
FoundColor		
programs.zsh.prezto.macOS.dashKeyword	Set the keyword used by mand to open man pages in Dash.app.	null or string
programs.zsh.prezto.pmoduleDirs	Add additional directories to load prezto modules from.	list of path
programs.zsh.prezto.pmodules	Set the Prezto modules to load (browse modules). The order matters.	list of string
programs.zsh.prezto.prompt.pwdLength	Set the working directory prompt display length. By default, it is set to short. Set it to long (without ~expansion) for longer or full (with ~ expansion) forever longer prompt display.	null or one of "short", "long", "full"
programs.zsh.prezto.prompt.showReturnVal	Set the prompt to display the return code along with an indicator for non-zero return codes. This is not supported by all prompts.	null or boolean



Home Manager **OPTION SEARCH**

or string
(.)

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Setting it to
randomloads a
random theme.
Automatically set to
off on
dumbterminals.

programs.zsh.prezto Auto switch to null or boolean
.python.virtualenvAut oSwitch Python virtualenv on directory change.

programs.zsh.prezto Automatically null or boolean
.python.virtualenvInit ialize initialize virtualenvwrapper if pre-requisites are met.

programs.zsh.prezto Auto switch the null or boolean
.ruby.chrubyAutoSwi tch Ruby version on directory change.

programs.zsh.prezto Auto start a session null or boolean
.screen.autoStartLoc al when Zsh is launched in a local terminal.

programs.zsh.prezto Auto start a session null or boolean
.screen.autoStartRe mote when Zsh is launched in a SSH connection.

programs.zsh.prezto Set the SSH identities to load into the agent. list of string
.ssh.identities

programs.zsh.prezto Set syntax highlighters. By default, only the mainhighlighter is enabled. list of string
.syntaxHighlighting.h ighlighters

programs.zsh.prezto Set syntax pattern styles. attribute set of string
.syntaxHighlighting.p attern



Home Manager OPTION SEARCH		
tyles	ute set of string (.)	/mip communi man /home-m: sear
programs.zsh.prezto .terminal.autoTitle	Auto set the tab and window titles.	null or boolean
programs.zsh.prezto .terminal.multiplexer TitleFormat	Set the multiplexer title format.	null or string
programs.zsh.prezto .terminal.tabTitleFor mat	Set the tab title format.	null or string
programs.zsh.prezto .terminal.windowTitle Format	Set the window title format.	null or string
programs.zsh.prezto .tmux.autoStartLocal	Auto start a session when Zsh is launched in a local terminal.	null or boolean
programs.zsh.prezto .tmux.autoStartRem ote	Auto start a session when Zsh is launched in a SSH connection.	null or boolean
programs.zsh.prezto .tmux.defaultSession	Set the default session name.	null or string
Name		
programs.zsh.prezto .tmux.itemlIntegratio n	Integrate with iTerm2.	null or boolean
programs.zsh.prezto .utility.safeOps	Enabled safe options. This aliases cp,ln, mv and rm so that they prompt before deleting or overwriting files. Set to no to disable this safer behavior.	null or boolean
programs.zsh.profile Extra	Extra commands that should be added to .zprofile.	strings concatenated with "\n"



Home Manager **OPTION SEARCH**

ute set
(.|)

set for zsh session.

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programs.zsh.shellAliases	An attribute set that maps aliases (the top level attribute names in this option) to command strings or directly to build outputs.	attribute set of string
programs.zsh.shellGlobalAliases	Similar to programs.zsh.shellAliases, but are substituted anywhere on a line.	attribute set of string
programs.zsh.syntaxHighlighting	Options related to zsh-syntax-highlighting.	submodule
programs.zsh.syntaxHighlighting.enable	Whether to enable zsh syntax highlighting.	boolean
programs.zsh.syntaxHighlighting.package	The zsh-syntax-highlighting package to use.	package
programs.zsh.syntaxHighlighting.highlighters	Highlighters to enable. See the list of highlighters: https://github.com/zsh-users/zsh-syntax-highlighting/blob/master/docs/highlighters.md	list of string



Home Manager OPTION SEARCH		
	ute set of string (.)	/mip /communi man /home-m: sear
highlighting. See each highlighter's options: https://github.com/zsh-users/zsh-syntax-highlighting/blob/master/docs/highlighters.md	Last update: December 15, 2023 at 4:25 UTC	
programs.zsh.zplug. enable	Whether to enable zplug - a zsh plugin manager.	boolean
programs.zsh.zplug. plugins	List of zplug plugins.	list of (submodule)
programs.zsh.zplug. plugins.*.name	The name of the plugin.	string
programs.zsh.zplug. plugins.*.tags	The plugin tags.	list of string
programs.zsh.zplug. zplugHome	Path to zplug home directory.	path
programs.zsh.zsh- abbr.enable	Whether to enable zsh-abbr - zsh manager for auto- expanding abbreviations.	boolean
programs.zsh.zsh- abbr.abbreviations	An attribute set that maps aliases (the top level attribute names in this option) to abbreviations. Abbreviations are expanded with the longer phrase after they are entered.	attribute set of string
qt.enable	Whether to enable Qt 5 and 6 configuration.	boolean



Home Manager **OPTION SEARCH**

or one of “gtk”,

“lxqt”, “qtct”, “kde”



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applications.

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Use GTK theme
withqstyleplugins

Use GTK3
integrationfor file
picker dialogs, font
and theme
configuration

Use GNOME theme
withqgnomeplatform

Use LXQt theme
style set using
thelxqt-config-
appearanceapplicati
on

Use Qt style set
usingqt5ctand
qt6ctapplications

Use Qt settings from
Plasma

qt.style.package Theme package to
be used in Qt5/Qt6
applications. Auto-
detected from
qt.style.name if
possible.

qt.style.name Style to use for
Qt5/Qt6
applications. Case-
insensitive.

Use the Adwaita
style fromadwaita-qt



Use the Breeze style
frombreeze

Use styles
fromqstyleplugins



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services.autorandr.enable	Whether to enable the Autorandr systemd service. This module is complementary to programs.autorandr which handles the configuration (profiles).	boolean
services.autorandr.ignoreLid	Treat outputs as connected even if their lids are closed.	boolean
services.avizo.enabled	Whether to enable avizo, a simple notification daemon.	boolean
services.avizo.package	The avizo package to use.	package
services.avizo.settings	The settings that will be written to the avizo configuration file.	attribute set of attribute set of (INI atom (null, bool, int, float or string))
services.barrier.client.enable	Whether to enable Barrier Client daemon.	boolean
services.barrier.client.enableCrypto	Whether to enable crypto (SSL) plugin.	boolean
services.barrier.client.enableDragDrop	Whether to enable file drag & drop.	boolean
services.barrier.client.extraFlags	Additional flags to pass to barrierc. See barrierc --help.	list of string
services.barrier.client.name	Screen name of client. Defaults to hostname.	null or string
services.barrier.client.server	Server to connect to formatted as[:].Port defaults to 24800.	string



Home Manager OPTION SEARCH		
Daemon.		man /mip /home-m: sear
services.batsignal.package	The batsignal package to use.	package
services.batsignal.extraArgs	Extra arguments to be passed to the batsignal executable.	list of string
services.betterlockscreen.enable	Whether to enable betterlockscreen, a screen-locker module.	boolean
services.betterlockscreen.package	Package providing betterlockscreen.	package
services.betterlockscreen.arguments	List of arguments appended to ./betterlockscreen --lock [args]	list of string
services.betterlockscreen.inactiveInterval	Value used for services.screen-locker.inactiveInterval.	signed integer
services.blueman-applet.enable	Whether to enable the Blueman applet.	boolean
services.borgmatic.enabled	Whether to enable Borgmatic service.	boolean
services.borgmatic.frequency	How often to run borgmatic whenservices.borgmatic.enable = true. This value is passed to the systemd timer configuration as the onCalendar option. See <code>systemd.time(7)</code> for more information about the format.	string



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Agent:

<https://docs.cachix.org/deploy/>.

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services.cachix-agent.package	The cachix package to use.	package
services.cachix-agent.credentialsFile	Required file that needs to containCACHIX_AGENT_TOKEN=....	path
services.cachix-agent.host	Cachix URI to use.	null or string
services.cachix-agent.name	The unique agent name.	string
services.cachix-agent.profile	The Nix profile name.	string
services.cachix-agent.verbose	Whether to enable verbose output.	boolean
services.caffeine.enable	Whether to enable Caffeine service.	boolean
services.cbatticon.enable	Whether to enable cbatticon.	boolean
services.cbatticon.batteryId	ID of the battery to monitor. List with cbatticon -p. Defaults to the first entry in the list.	null or string
services.cbatticon.commandCriticalLevel	Command to execute when the critical battery level is reached.	null or strings concatenated with “\n”
services.cbatticon.commandLeftClick	Command to execute when left clicking on the tray icon.	null or strings concatenated with “\n”



Home Manager OPTION SEARCH		
	for integer between 0 and 100	/mip
battery	battery in percent (without the percent symbol).	(both inclusive) Last update: December 15, 2023 at 4:25 UTC
services.cbatticon.hideNotification	Hide the notification popups.	null or boolean
services.cbatticon.iconType	Icon type to display in the system tray.	null or one of "standard", "notification", "symbolic"
services.cbatticon.lowLevelPercent	Low level percentage of the battery in percent (without the percent symbol).	null or integer between 0 and 100 (both inclusive)
services.cbatticon.updateIntervalSeconds	Number of seconds between updates of the battery information.	null or positive integer, meaning >0
services.cliphist.enabled	Whether to enable cliphist, a clipboard history "manager" for wayland.	boolean
services.cliphist.package	The cliphist package to use.	package
services.cliphist.systemdTarget	The systemd target that will automatically start the cliphist service.	string
services.clipman.enabled	Whether to enable clipman, a simple clipboard manager for Wayland.	boolean
services.clipman.package	The clipman package to use.	package
services.clipman.systemdTarget	The systemd target that will automatically start the clipman service.	string

Home Manager OPTION SEARCH		
clipboard	management	man(./)
management	daemon.	/home-m: sear
services.clipmenu.package	clipmenu derivation to use.	package
services.clipmenu.launcher	Launcher command, if not set, dmenuwill be used by default.	null or string
services.comodoro.enabled	Whether to enable Comodoro server.	boolean
services.comodoro.package	The comodoro package to use.	package
services.comodoro.environment	Extra environment variables to be exported in the service.	attribute set of string
services.comodoro.reset	Use configuration from the given preset as defined in the configuration file.	non-empty string
services.comodoro.protocols	Define protocols the server should use to accept requests.	non-empty (list of non-empty string)
services.copyq.enabled	Whether to enable CopyQ, a clipboard manager with advanced features.	boolean
services.copyq.package	The copyq package to use.	package
services.copyq.systemdTarget	The systemd target that will automatically start the CopyQ service.	string



Home Manager OPTION SEARCH <small>mean(./)</small>		
	automatically switches dark-mode on and off based on the time of the day.	/mip man /home-m: sear
services.darkman.package	The darkman package to use.	package
services.darkman.darkModeScripts	Scripts to run when switching to “dark mode”.	attribute set of (path or strings concatenated with “\n”)
services.darkman.lightModeScripts	Scripts to run when switching to “light mode”.	attribute set of (path or strings concatenated with “\n”)
services.darkman.settings	Settings for the darkman command. See https://darkman.whynothugo.nl/#CONFIGURATION for details.	YAML value
services.devilspie2.enable	Whether to enable Devilspie2, a window matching utility, allowing the user to perform scripted actions on windows as they are created.	boolean
services.devilspie2.config	Content of file placed in the devilspie2 config directory.	strings concatenated with “\n”
services.dropbox.enabled	Whether to enable Dropbox daemon.	boolean
services.dropbox.path	Where to put the Dropbox directory.	path

Home Manager OPTION SEARCH <small>mean(./)</small>		
	daemon.	Last update: December 15, 2023 at 4:25 UTC
services.dunst.package	Package providing dunst.	package
services.dunst.configFile	Path to the configuration file read by dunst.	string or path
services.dunst.iconTheme	Set the icon theme.	submodule
services.dunst.iconTheme.package	Package providing the theme.	package
services.dunst.iconTheme.name	The name of the theme within the package.	string
services.dunst.iconTheme.size	The desired icon size.	string
services.dunst.settings	Configuration written to \$XDG_CONFIG_HOME/dunst/dunstrc.	attribute set of attribute set of (string or boolean or signed integer or list of string)
services.dunst.settings.global.icon_path	Paths where dunst will look for icons.	strings concatenated with ":"
services.dunst.waylandDisplay	Set the service's WAYLAND_DISPLAY environment variable.	string
services.dwm-status.enable	Whether to enable dwm-status user service.	boolean
services.dwm-status.package	Which dwm-status package to use.	package
services.dwm-status.extraConfig	Extra config of dwm-status.	JSON value

Home Manager **OPTION SEARCH**(one of
o", "backlight",
"battery", "cpu_load",
"network", "time")

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sear

`services.easyeffects.enable` Whether to enable Easyeffects daemon. Note, it is necessary to add

boolean

`services.easyeffects.package` The easyeffects package to use.

package

`services.easyeffects.preset` Which preset to use when starting easyeffects. Will likely need to launch easyeffects to initially create preset.

string

`services.emacs.enabled` Whether to enable the Emacs daemon.

boolean

`services.emacs.package` The Emacs package to use.

package

`services.emacs.client.enable` Whether to enable generation of Emacs client desktop file.

boolean

`services.emacs.client.arguments` Command-line arguments to pass to emacsclient.

list of string

`services.emacs.defaultEditor` Whether to configure emacsclient as the defaulteditor using the EDITOR environment variable.

boolean

`services.emacs.extraOptions` Extra command-line arguments to pass to emacs.

list of string

`services.emacs.socketActivation.enable` Whether to enable systemd socket activation for the Emacs service.

boolean



Home Manager OPTION SEARCH		
	the systemd user session. If it is true, Emacs service is started by default. If it is "graphical", Emacs service is started by graphical-session.target.	boolean enum) Last update: December 15, 2023 at 4:25 UTC
services.espanso.enable	Whether to enable Espanso: cross platform text expander in Rust.	boolean
services.espanso.package	Which espanso package to use	package
services.espanso.configs	The Espanso configuration to use. See https://espanso.org/docs/configuration/basics for a description of available options.	YAML value
services.espanso.matches	The Espanso matches to use. See https://espanso.org/docs/matches/basics for a description of available options.	YAML value
services.etesync-dav.enable	Whether to enable etesync-dav.	boolean
services.etesync-dav.package	The etesync-dav derivation to use.	package
services.etesync-dav.serverUrl	The URL to the etesync server.	string

Home Manager OPTION SEARCH		
	uite set of environment variables.	ute set of integer) Last update: December 15, 2023 at 4:25 UTC
services.flameshot.e nable	Whether to enable Flameshot.	boolean
services.flameshot.p ackage	Package providing flameshot.	package
services.flameshot.s ettings	Configuration to use for Flameshot. See <a #"="" href="https://github.com/flameshot-org/flameshot/blob/master/flameshot.example.inifor available options.</td><td>attribute set of
attribute set of (INI
atom (null, bool, int,
float or string))</td></tr> <tr> <td>services.fluidsynth.e
nable</td><td>Whether to enable
fluidsynth midi
synthesizer.</td><td>boolean</td></tr> <tr> <td>services.fluidsynth.e
xtraOptions</td><td>Extra arguments,
added verbatim to
the fluidsynth
command.
See fluidsynth.conf(1) .	list of string
services.fluidsynth.s oundFont	The soundfont file to use, in SoundFont 2 format.	path
services.fluidsynth.s oundService	The systemd sound service to depend on.	one of “jack”, “pipewire-pulse”, “pulseaudio”
services.fnott.enable	Whether to enable fnott, a lightweight Wayland notification daemon for wlroots- based compositors.	boolean
services.fnott.packag e	Package providing fnott.	package

Home Manager OPTION SEARCH <small>(./) or path</small>		
	read by fnott.	Last update: December 15, 2023 at 4:25 UTC
services.fnott.extraFags	Extra arguments to use for executing fnott.	list of string
services.fnott.settings	Configuration written to \$XDG_CONFIG_HOME/fnott/fnott.ini.	attribute set of (INI atom (null, bool, int, float or string))
services.fusuma.enabled	Whether to enable the fusuma systemd service to automatically enable touchpad gesture.	boolean
services.fusuma.package	Package providing fusuma.	package
services.fusuma.extraPackages	Extra packages needs to bring to the scope of fusuma service.	list of package
services.fusuma.settings	YAML config that will override the default fusuma configuration.	YAML value
services.gammastep.enable	Whether to enable Gammastep.	boolean
services.gammastep.enableVerboseLogging	Whether to enable verbose service logging.	boolean
services.gammastep.package	Gammastep derivation to use.	package
services.gammastep.dawnTime	Set the time interval of dawn manually. The times must be specified as HH:MM in 24-hour format.	null or string





Home Manager **OPTION SEARCH**

or string
(.)

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sear

manually. The times must be specified as HH:MM in 24-hour format.

services.gammastep.latitude	Your current latitude, between -90.0 and 90.0. Must be provided along with longitude.	null or string or floating point number
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services.gammastep.longitude	Your current longitude, between -180.0 and 180.0. Must be provided along with latitude.	null or string or floating point number
------------------------------	---	---

services.gammastep.provider	The location provider to use for determining your location. If set to manual you must also provide latitude/longitude. If set to geoclue2, you must also enable the globalgeoclue2 service.	one of "manual", "geoclue2"
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services.gammastep.settings	The configuration to pass to Gammastep.Available options for Gammastep described in gammastep(1).	attribute set of attribute set of (INI atom (null, bool, int, float or string))
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services.gammastep.temperature.day	Colour temperature to use during the day, between 1000 and 25000 K.	signed integer
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services.gammastep.temperature.night	Colour temperature to use at night, between 1000 and 25000 K.	signed integer
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Home Manager OPTION SEARCH <small>(./)</small>		
	tray applet.	/mip man /home-m: sear
services.getmail.enabled	Whether to enable the getmail systemd service to automatically retrieve mail.	boolean
services.getmail.frequency	The refresh frequency. Check man systemd.time for more information on the syntax. If you use a gpg-agent in combination with the passwordCommand, keep the pollfrequency below the cache-ttl value (as set by the default) to avoid pinentry asking permanently for a password.	string
services.git-sync.enable	Whether to enable git-sync services.	boolean
services.git-sync.package	Package containing the git-sync program.	package
services.git-sync.repositories	The repositories that should be synchronized.	attribute set of (submodule)
services.git-sync.repositories.<name>.interval	The interval, specified in seconds, at which the synchronization will be triggered even without filesystem changes.	signed integer

Home Manager OPTION SEARCH (./)		
/mip communi man /home-m: sear		
<code><name>.path</code>	Last update: December 15, 2023 at 4:25 UTC	
<code>services.git-sync.repositories.<name>.uri</code>	The URI of the remote to be synchronized. This is only used in the event that the directory does not already exist. See https://git-scm.com/docs/git-clone#_git_urlsfor for the supported URLs.	string
<code>services.gnome-keyring.enable</code>	Whether to enable GNOME Keyring.	boolean
<code>services.gnome-keyring.components</code>	The GNOME keyring components to start. If empty then the default set of components will be started.	list of (one of "pkcs11", "secrets", "ssh")
<code>services.gpg-agent.enable</code>	Whether to enable GnuPG private key agent.	boolean
<code>services.gpg-agent.enableBashIntegration</code>	Whether to enable Bash integration.	boolean
<code>services.gpg-agent.enableExtraSocket</code>	Whether to enable extra socket of the GnuPG key agent (useful for GPGAgent forwarding).	boolean
<code>services.gpg-agent.enableFishIntegration</code>	Whether to enable Fish integration.	boolean

mon	option has the effect of enabling the ability to do smartcard operations. When disabled, this option passes disable- scdaemon setting to gpg-agent.	boolean
services.gpg- agent.enableSshSup port	Whether to use the GnuPG key agent for SSH keys.	boolean
services.gpg- agent.enableZshInte gration	Whether to enable Zsh integration.	boolean
services.gpg- agent.defaultCacheT tl	Set the time a cache entry is valid to the given number of seconds.	null or signed integer
services.gpg- agent.defaultCacheT tlSsh	Set the time a cache entry used for SSH keys is valid to the given number of seconds.	null or signed integer
services.gpg- agent.extraConfig	Extra configuration lines to append to the gpg- agent configuration file.	strings concatenated with "\n"
services.gpg- agent.grabKeyboard AndMouse	Tell the pinentry to grab the keyboard and mouse. This option should in general be used to avoid X-sniffing attacks. When disabled, this option passes no- grab setting to gpg- agent.	boolean

 Home Manager OPTION SEARCH		
		or signed integer (.)
	valid to n seconds. After this time a cache entry will be expired even if it has been accessed recently or has been set using gpg-preset- passphrase. The default is 2 hours (7200 seconds).	Last update: December 15, 2023 at 4:25 UTC /home-m: sear
services.gpg- agent.maxCacheTtl Ssh	Set the maximum time a cache entry used for SSH keys is valid to nseconds. After this time a cache entry will be expired even if it hasbeen accessed recently or has been set using gpg- preset- passphrase. The default is 2 hours (7200 seconds).	null or signed integer
services.gpg- agent.pinentryFlavor	Which pinentry interface to use. If notnull, it setspinentry- program in gpg- agent.conf. Beware thatpinentry-gnome3 may not work on non-Gnomesystems. You can fix it by adding the following to yoursystem configuration:	null or one of “curses”, “tty”, “gtk2”, “emacs”, “gnome3”, “qt”
services.gpg- agent.sshKeys	Which GPG keys (by keygrip) to expose as SSH keys.	null or (list of string)



Home Manager OPTION SEARCH		
		Last update: December 15, 2023 at 4:25 UTC /home-m: sear
services.grobi.enable	Whether to enable the grobi display setup daemon.	boolean
services.grobi.executeAfter	Commands to be run after an output configuration waschanged. The Nix value declared here will be translated to JSON and written to the execute_after key in \$XDG_CONFIG_HOME/grobi.conf.	list of string
services.grobi.rules	These are the rules grobi tries to match to the current output configuration. The rules are evaluated top to bottom, the first matching rule is applied and processing stops. See https://github.com/fd0/grobi/blob/master/doc/grobi.conffor more information. The Nix value declared here will be translated to JSON and written to the rules key in \$XDG_CONFIG_HOME/grobi.conf.	list of attribute set of (string or boolean or signed integer or list of string)
services.gromit-mpx.enable	Whether to enable Gromit-MPX annotation tool.	boolean
services.gromit-mpx.package	The gromit-mpx package to use.	package



Home Manager OPTION SEARCH		
	the activation state of gromit-mpx. Set to null to disable the hotkey in which case you'll have to activate gromit-mpx manually using the command line.	or string or positive integer, meaning >0 Last update: December 15, 2023 at 4:25 UTC
services.gromit-mpx.opacity	Opacity of the drawing overlay.	float between 0.0 and 1.0 (inclusive)
services.gromit-mpx.tools	Tool definitions for gromit-mpx to use.	list of (submodule)
services.gromit-mpx.tools.*.arrowSize	If not null, automatically draw an arrow at the end of a stroke with the given size.	null or positive integer, meaning >0
services.gromit-mpx.tools.*.color	The stroke (or recolor) color of the tool.	string
services.gromit-mpx.tools.*.device	Use this tool with the given xinput device. The device with the name default works with any input.	string
services.gromit-mpx.tools.*.modifiers	Only activate this tool if the given modifiers are also active.	list of (one of "1", "2", "3", "4", "5", "SHIFT", "CONTROL", "ALT", "META")
services.gromit-mpx.tools.*.size	The tool size.	positive integer, meaning >0
services.gromit-mpx.tools.*.type	Which type of tool this is.	one of "pen", "eraser", "recolor"



Home Manager

OPTION SEARCHor string or
integer,/mip
communi

gromit-mpx to undo
the last stroke. Use
this key along with
the shift key to redo
an undone stroke. Set
to null to disable
the undo hotkey.

meaning >0

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sear

services.himalaya-notify.enable	Whether to enable the Himalaya new emails notifier service.	boolean
services.himalaya-notify.environment	Extra environment variables to be exported in the service.	attribute set of string
services.himalaya-notify.settings.account	Name of the account the notifier should be started for. If no account is given, the default one is used.	null or string
services.himalaya-notify.settings.keepalive	Notifier lifetime of the IDLE session (in seconds).	null or signed integer
services.himalaya-watch.enable	Whether to enable the Himalaya folder changes watcher service.	boolean
services.himalaya-watch.environment	Extra environment variables to be exported in the service.	attribute set of string
services.himalaya-watch.settings.account	Name of the account the watcher should be started for. If no account is given, the default one is used.	null or string
services.himalaya-watch.settings.keepalive	Watcher lifetime of the IDLE session (in seconds).	null or signed integer



Home Manager OPTION SEARCH		
de.enable	upgrade service that periodically updates your Nixchannels before running home-manager switch.	/mip man /home-m: sear
services.home-manager.autoUpgrade.frequency	The interval at which the Home Manager auto upgrade is run. This value is passed to the systemd timer configuration as the OnCalendar option. The format is described in <code>systemd.time(7)</code> .	string
services.hound.enabled	Whether to enable hound.	boolean
services.hound.databasePath	The Hound database path.	path
services.hound.listeningAddress	Listen address of the Hound daemon.	string
services.hound.concurrentIndexers	Limit the amount of concurrent indexers.	positive integer, meaning >0
services.hound.repositories	The repository configuration.	attribute set of (JSON value)
services imapnotify.enabled	Whether to enable imapnotify.	boolean
services imapnotify.package	The imapnotify package to use	package
services.kanshi.enabled	Whether to enable kanshi, a Wayland daemon that automatically configures outputs.	boolean
services.kanshi.package	kanshi derivation to use.	package

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man
/home-m:
sear

services.kanshi.profil	List of profiles.	attribute set of (submodule)
es.<name>.exec	Commands executed after the profile is successfully applied. Note that if you provide multiple commands, they will be executed asynchronously with no guaranteed ordering.	(list of string) or string convertible to it
services.kanshi.profil es.<name>.outputs	Outputs configuration.	list of (submodule)
services.kanshi.profil es.<name>.outputs.*.adaptiveSync	Enables or disables adaptive synchronization(aka. Variable Refresh Rate).	null or boolean
services.kanshi.profil es.<name>.outputs.*.criteria	The criteria can either be an output name, an output description or **. The latter can be used to match any output.	string
services.kanshi.profil es.<name>.outputs.*.mode	x[@[Hz]]	null or string
services.kanshi.profil es.<name>.outputs.*.position	,	null or string



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<code><name>.outputs.*.sc</code>	factor.	or floating point number
<code>ale</code>		Last update: December 15, 2023 at 4:25 UTC /home-manage
<code>services.kanshi.profil</code>	Enables or disables the specified output.	null or one of “enable”, “disable”
<code><name>.outputs.*.status</code>		
<code>services.kanshi.profil</code>	Sets the output transform.	null or one of “normal”, “90”, “180”, “270”, “flipped”, “flipped-90”, “flipped-180”, “flipped-270”
<code><name>.outputs.*.transform</code>		
<code>services.kanshi.systemdTarget</code>	Systemd target to bind to.	string
<code>services.kbfs.enable</code>	Whether to enable Keybase File System.	boolean
<code>services.kbfs.extraFlags</code>	Additional flags to pass to the Keybase filesystem on launch.	list of string
<code>services.kbfs.mountPoint</code>	Mount point for the Keybase filesystem, relative to HOME.	string
<code>services.kdeconnect.enable</code>	Whether to enable KDE connect.	boolean
<code>services.kdeconnect.indicator</code>	Whether to enable kdeconnect-indicator service.	boolean
<code>services.keepassx.enabled</code>	Whether to enable the KeePassX password manager.	boolean
<code>services.keybase.enabled</code>	Whether to enable Keybase.	boolean
<code>services.keynav.enabled</code>	Whether to enable keynav.	boolean



Home Manager **OPTION SEARCH**

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synchronization
service.

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services.listenbrainz-mpd.enable	Whether to enable listenbrainz-mpd.	boolean
services.listenbrainz-mpd.package	The listenbrainz-mpd package to use.	
services.listenbrainz-mpd.settings	Configuration for listenbrainz-mpd written to \$XDG_CONFIG_HOME/listenbrainz-mpd/config.toml.	TOML value
services.lorri.enable	Whether to enable lorri build daemon.	boolean
services.lorri.enable Notifications	Whether to enable lorri build notifications.	boolean
services.lorri.package	Which lorri package to install.	package
services.lorri.nixPackage	Which nix package to use.	package
services.mako.enabled	Whether to enable Mako, lightweight notification daemon for Wayland.	boolean
services.mako.package	The mako package to use.	package
services.mako.actions	Applications may request an action to be associated with activating a notification. Disabling this will cause mako to ignore these requests.	null or boolean





position on the output. Supported values are top-right, top-center, top-left, bottom-right, bottom-center, bottom-left, and center.

or one of “top-right”, “top-center”, “top-left”, “bottom-right”, “bottom-center”, “bottom-left”, “center”

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services.mako.backGroundColor	Set popup background color to a specific color, represented in hexcolor code.	null or string
services.mako.borderColor	Set popup border color to a specific color, represented in hex colorcode.	null or string
services.mako.borderRadius	Set popup corner radius to the specified number of pixels.	null or signed integer
services.mako.borderWidth	Set popup border size to the specified number of pixels.	null or signed integer
services.mako.defaultTimeout	Set the default timeout to timeout in milliseconds. To disable the timeout, set it to zero.	null or signed integer
services.mako.extraConfig	Additional configuration.	strings concatenated with “\n”
services.mako.font	Font to use, in Pango format.	null or string





format. See
FORMAT
SPECIFIERS
for more information.
To change this for
grouped
notifications, set
it within a grouped
criteria.

services.mako.group A comma-separated null or string
By list of criteria fields

that will be
compared to other
visible notifications
to determine if this
one should form
a group with them. All
listed criteria must
be exactly equal for
two notifications to
group.

services.mako.height Set maximum height null or signed integer
of notification

popups. Notifications
whose text takes up
less space are
shrunk to fit.





Home Manager **OPTION SEARCH**

or string
(.)

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notification specifies a name instead of a full path. Colon-delimited. This approximates the search algorithm used by the XDG Icon Theme Specification, but does not support any of the theme metadata. Therefore, if you want to search parent themes, you'll need to add them to the path manually.

services.mako.icons	Whether or not to show icons in notifications.	null or boolean
services.mako.ignoreTimeout	If set, mako will ignore the expire timeout sent by notifications and use the one provided by default-timeout instead.	null or boolean





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OPTION SEARCHor one of
(.), “background”,
“bottom”, “top”/mip
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relative to normal windows. Supported values are background, bottom, top, and overlay. Using overlay will cause notifications to be displayed above fullscreen windows, though this may also occur at top depending on your compositor.

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services.mako.margin	Set margin of each edge specified in pixels. Specify single value to apply margin on all sides. Two comma-separated values will set vertical and horizontal edges separately. Four comma-separated will give each edge a separate value. For example: 10,20,5 will set top margin to 10, left and right to 20 and bottom to five.	null or string
----------------------	---	----------------

services.mako.markup	If 1, enable Pango markup. If 0, disable Pango markup. If enabled, Pango markup will be interpreted in your format specifier and in the body of notifications.	null or boolean
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services.mako.maxIconSize	Set maximum icon size to the specified number of pixels.	null or signed integer
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Home Manager OPTION SEARCH		or signed integer (.)	/mip communi man /home-m:
notifications. Set -1 to show all.		Last update: December 15, 2023 at 4:25 UTC	sear
services.mako.outpu t	Show notifications on the specified output. If empty, notifications will appear on the focused output. Requires the compositor to support the Wayland protocol xdg-output-unstable-v1 version 2.	null or string	
services.mako.paddi ng	Set padding of each edge specified in pixels. Specify single value to apply margin on all sides. Two comma-separated values will set vertical and horizontal edges separately. Four comma-separated will give each edge a separate value. For example: 10,20,5 will set top margin to 10, left and right to 20 and bottom to five.	null or string	



Option	Description	Type	Default	Notes
services.mako.color	Set specific color, represented in hex color code. To draw the progressindicator on top of the background color, use the over attribute. To replace the backgroundcolor, use the source attribute (this can be useful when the notification is semi-transparent).	string	(.)	/mipmip.github.io/home-manager-option-search/
services.mako.sort	Sorts incoming notifications by time and/or priority in ascending(+) or descending(-) order.	null or one of “+time”, “-time”, “+priority”, “-priority”		man /home-m: sear
services.mako.textColor	Set popup text color to a specific color, represented in hex colorcode.	null or string		
services.mako.width	Set width of notification popups in specified number of pixels.	null or signed integer		
services.mbsync.enabled	Whether to enable mbsync.	boolean		
services.mbsync.package	The package to use for the mbsync binary.	package		
services.mbsync.configFile	Optional configuration file to link to use instead of the default file (~/.mbsyncrc).	null or path		



Home Manager **OPTION SEARCH**

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/mip

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/home-m:
sear

man

sear

is passed to the
systemd timer
configuration as the
onCalendar option.
See `systemd.time(7)`
or more information
about the format.

services.mbsync.postExec	An optional command to run after mbsync executes successfully. This is useful for running mailbox indexing tools.	null or string
services.mbsync.preExec	An optional command to run before mbsync executes. This is useful for creating the directories mbsync is going to use.	null or string
services.mbsync.verbose	Whether mbsync should produce verbose output.	boolean
services.megasync.enable	Whether to enable Megasync client.	boolean
services.megasync.package	The megasync package to use.	package
services.mopidy.enabled	Whether to enable Mopidy music player daemon.	boolean
services.mopidy.extensionPackages	Mopidy extensions that should be loaded by the service.	list of package



Home Manager OPTION SEARCH			path	/mip communi man /home-m: sear
	when the service starts.Later files in the list override earlier configuration files andstructured settings.			Last update: December 15, 2023 at 4:25 UTC
services.mopidy.settings	Configuration written to\$XDG_CONFIG_HOME/mopidy /mopidy.conf.	attribute set of (Mopidy config value)		
services.mpd.enable	Whether to enable MPD, the music player daemon.	boolean		
services.mpd.package	The MPD package to run.	package		
services.mpd.dataDir	The directory where MPD stores its state, tag cache, playlists etc.	path		
services.mpd.dbFile	The path to MPD's database. If set tonull the parameter is omitted from the configuration.	null or string		
services.mpd.extraArgs	Extra command-line arguments to pass to MPD.	list of string		





Home Manager

OPTION SEARCH

is concatenated



/mip

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sear

of MPD's configurationfile, mpd.conf. Basic configurationlike file location and uid/gid is added automatically to thebeginning of the file. For available options seempd.conf(5).

services.mpd.music Directory	The directory where mpd reads music from.	path or string
---------------------------------	---	----------------

services.mpd.networ k.listenAddress	The address for the daemon to listen on.Use any to listen on all addresses.	string
--	--	--------

services.mpd.networ k.port	The TCP port on which the the daemon will listen.	16 bit unsigned integer; between 0 and 65535 (both inclusive)
-------------------------------	---	--

services.mpd.networ k.startWhenNeeded	Enable systemd socket activation.	boolean
--	--------------------------------------	---------

services.mpd.playlist Directory	The directory where mpd stores playlists.	path
------------------------------------	--	------

services.mpd- discord-rpc.enable	Whether to enable the mpd-discord-rpc service.	boolean
-------------------------------------	--	---------

services.mpd- discord-rpc.package	mpd-discord-rpc package to use.	package
--------------------------------------	------------------------------------	---------

services.mpd- discord-rpc.settings	Configuration included in config.toml.For available options see https://github.com/JakeStanger/mpd-discord-rpc#configuration	TOML value
---------------------------------------	---	------------





implementation of
the MPRIS protocol
for MPD.

services.mpd-mpris.package	The mpd-mpris package to use.	package
services.mpd-mpris.mpd.host	The address where MPD is listening for connections.	null or string
services.mpd-mpris.mpd.network	The network used to dial to the MPD server. Check https://golang.org/pkg/net/#Dialfor available values (most common are “tcp” and “unix”)	null or string
services.mpd-mpris.mpd.password	The password to connect to MPD.	null or string
services.mpd-mpris.mpd.port	The port number where MPD is listening for connections.	null or 16 bit unsigned integer; between 0 and 65535 (both inclusive)
services.mpd-mpris.mpd.useLocal	Whether to configure for the local MPD daemon. If true the network, host, and port settings are ignored.	boolean
services.mpdris2.enable	Whether to enable mpDris2 the MPD to MPRIS2 bridge.	boolean
services.mpdris2.package	The mpDris2 package to use.	package
services.mpdris2.mpd.host	The address where MPD is listening for connections.	string





Home Manager **OPTION SEARCH**

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/home-m:

access music
artwork.

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services.mpdः.mpd.password	The password to connect to MPD.	null or string	
services.mpdः.mpd.port	The port number where MPD is listening for connections.	16 bit unsigned integer; between 0 and 65535 (both inclusive)	
services.mpdः.mpd.mediaKeys	Whether to enable multimedia key support.	boolean	
services.mpdः.mpd.notifications	Whether to enable song change notifications.	boolean	
services.mpris-proxy.enable	Whether to enable a proxy forwarding Bluetooth MIDI controls via MPRIS2 to control media players.	boolean	
services.muchsync.remotes	Muchsync remotes to synchronise with.	attribute set of (submodule)	
services.muchsync.remotes.<name>.frequency	How often to run muchsync. This value is passed to the systemd timer configuration as theOnCalendar option. See <code>systemd.time(7)</code> for more information about the format.	string	
services.muchsync.remotes.<name>.local.checkForModifiedFiles	Check for locally modified files. Without this option, muchsync assumes that files in a maildir are never edited.	boolean	



Home Manager **OPTION SEARCH**

/mipmip community

 man
/home-m:
sear

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<name>.local.import
New runningnotmuch new
locally.

services.muchsync.r
emotes. Check for modified
files on the remote
side. Without this
option, muchsync
assumes that files in
a maildir are never
edited.

services.muchsync.r
emotes. Remote SSH host to
synchronize with.

<name>.remote.host

services.muchsync.r
emotes. Whether to begin the
synchronisation by
runningnotmuch new
on the remote side.

services.muchsync.r
emotes. Specifies the path to
muchsync on the
server. Ordinarily,
muchsync should be
in the default PATH
on the serverso this
option is not
required. However,
this option is useful if
you have to install
muchsync in a non-
standard place or
wish to test
development
versions of thecode.

services.muchsync.r
emotes. Specifies a
command line to
pass to /bin/sh to
execute a command
on another machine.

services.muchsync.r
emotes. Whether to
propagate local
changes to the
remote.



Home Manager OPTION SEARCH		
	Manager applet.	Last update: December 15, 2023 at 4:25 UTC
applet.enable	Whether to enable Manager applet.	boolean
services.nextcloud-client.enable	Whether to enable Nextcloud Client.	boolean
services.nextcloud-client.package	The package to use for the nextcloud client binary.	package
services.nextcloud-client.startInBackground	Whether to start the Nextcloud client in the background.	boolean
services.notify-osd.enable	Whether to enable notify-osd.	boolean
services.notify-osd.package	Package containing the notify-osd program.	package
services.opensnitch-ui.enable	Whether to enable Opensnitch client.	boolean
services.owncloud-client.enable	Whether to enable Owncloud Client.	boolean
services.owncloud-client.package	The owncloud-client package to use.	package
services.pantelaimon.enable	Whether to enable Pantelaimon, an E2EE aware proxy daemon for matrix clients.	boolean
services.pantelaimon.package	Package providing the pantelaimon executable to use.	package
services.pantelaimon.settings	Configuration written to \$XDG_CONFIG_HOME/pantelaimon/pantelaimon.conf.	attribute set of (INI atom (null, bool, int, float or string))
services.parcellite.enable	Whether to enable Parcellite.	boolean
services.parcellite.package	Parcellite derivation to use.	package

Home Manager OPTION SEARCH		
	Parcellite.	string (.)
services.pass-secret-service.enable	Whether to enable Pass libsecret service.	boolean
services.pass-secret-service.package	The pass-secret-service package to use.	package
services.pass-secret-service.storePath	Absolute path to password store. Defaults to \$HOME/.password-store if the programs.password-store module is not enabled, and programs.password-store.settings.PASS WORD_STORE_DIR if it is.	null or string
services.pasystray.enable	Whether to enable PulseAudio system tray.	boolean
services.pasystray.extraOptions	Extra command-line arguments to pass to pasystray.	list of string
services.pbgopy.enabled	Whether to enable pbgopy.	boolean
services.pbgopy.cache_ttl	The TTL for the cache. Use "0s" to disable it.	string
services.pbgopy.httpAuth	Basic HTTP authentication's username and password. Both the username and password are escaped.	null or string

Home Manager OPTION SEARCH		
	It unsigned er; between 0 and 65535 (both inclusive) <small>Last update: December 15, 2023 at 4:25 UTC</small>	/mip
services.picom.enable	Whether to enable Picom X11 compositor.	boolean
services.picom.package	Picom derivation to use.	package
services.picom.activeOpacity	Opacity of active windows.	integer or floating point number between 0 and 1 (both inclusive)
services.picom.backend	Backend to use: egl, glx, xrender or xr_glxHybrid.	one of "egl", "glx", "xrender", "xr_glxHybrid"
services.picom.extraArgs	Extra arguments to be passed to the picom executable.	list of string
services.picom.fade	Fade windows in and out.	boolean
services.picom.fadeDelta	Time between fade animation step (in ms).	positive integer, meaning >0
services.picom.fadeExclude	List of conditions of windows that should not be faded. See picom(1) man page for more examples.	list of string
services.picom.fadeSteps	Opacity change between fade steps (in and out).	pair of integer or floating point number between 0.01 and 1 (both inclusive)
services.picom.inactiveOpacity	Opacity of inactive windows.	integer or floating point number between 0.1 and 1 (both inclusive)

Home Manager OPTION SEARCH		
	er or floating number (.)	/mip
	between 0 and 1 <small>Last update: December 15, 2023 at 4:25 UTC</small> (both inclusive)	man /home-m:
services.picom.opacityRules	Rules that control the opacity of windows, in format PERCENT:PATTER N.	list of string
services.picom.settings	Picom settings. Use this option to configure Picom settings not exposed in a NixOS option or to bypass one. For the available options see the CONFIGURATION FILES section at picom(1).	libconfig configuration. The format consists of an attributeset (called a group) of settings. Each setting can be a scalar type(boolean, integer, floating point number or string), a list of scalars or a group itself
services.picom.shadow	Draw window shadows.	boolean
services.picom.shadowExclude	List of conditions of windows that should have no shadow. See picom(1) man page for more examples.	list of string
services.picom.shadowOffsets	Left and right offset for shadows (in pixels).	pair of signed integer
services.picom.shadowOpacity	Window shadows opacity.	integer or floating point number between 0 and 1 (both inclusive)
services.picom.vSync	Enable vertical synchronization.	boolean
services.picom.wintypes	Rules for specific window types.	attribute set



Home Manager **OPTION SEARCH**

 /mipmip community

system access to
host fonts.

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[/home-manager-option-search](#)

search

`services.plan9port.plumber.enable` Whether to enable the Plan 9 file system for interprocess messaging.

`services.playerctl.enable` Whether to enable playerctl daemon.

`services.playerctl.package` The playerctl package to use.

`services.plex-mpv-shim.enable` Whether to enable Plex mpv shim.

`services.plex-mpv-shim.package` The package to use for the Plex mpv shim.

`services.plex-mpv-shim.settings` Configuration written to \$XDG_CONFIG_HOME/plex-mpv-shim/config.json.
See <https://github.com/iwalton3/plex-mpv-shim/blob/master/README.md> for the configuration documentation.

`services.polybar.enabled` Whether to enable Polybar status bar.

`services.polybar.package` Polybar package to install.



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	be either path to a file, or set of attributes that will be used to create the final configuration. See also services.polybar.settings for a more nix-friendly format.	pute set of (.) attribute set of (string or boolean or signed integer or list of string)) or path convertible to it <small>Last update: December 15, 2023 at 4:25 UTC</small>
services.polybar.extraConfig	Additional configuration to add.	strings concatenated with "\n"
services.polybar.script	This script will be used to start the polybars. Set all necessary environment variables here and start all bars. It can be assumed that polybar executable is in the PATH.	strings concatenated with "\n"





takes a nix attrset and converts it to thestrange data format that polybar uses. Each entry will be converted to a section in the output file. Several things are treated specially: nested keys are converted to dash-separated keys; the special text key is ignored as a nested key, to allow mixing different levels of nesting; and lists are converted to polybar's foo-0, foo-1, ... format.

services.poweralertd	Whether to enable	boolean
.enable	the Upower-powered power alertd.	

services.pueue.enable	Whether to enable Pueue, CLI process scheduler and manager.	boolean
-----------------------	---	---------

services.pueue.package	The pueue package to use.	package
------------------------	---------------------------	---------

services.pueue.settings	Configuration written to \$XDG_CONFIG_HOME/pueue/pueue.yml.	YAML value
-------------------------	---	------------

services.pulseeffects.enable	Whether to enable Pulseeffects daemonNote, it is necessary to add	boolean
------------------------------	---	---------

services.pulseeffects.package	Pulseeffects package to use.	package
-------------------------------	------------------------------	---------





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pulseeffects.Will likely need to launch pulseeffects to initially create preset.

services.random-background.enable	Whether to enable random desktop background.	boolean
-----------------------------------	--	---------

services.random-background.enableXinerama	Will place a separate image per screen when enabled, otherwise a single image will be stretched across all screens.	boolean
---	---	---------

services.random-background.display	Display background images according to this option.	one of "center", "fill", "max", "scale", "tile"
------------------------------------	---	---

services.random-background.imageDirectory	The directory of images from which a background should be chosen. Should be formatted in a way understood by systemd, e.g., '%h' is the home directory.	string
---	---	--------

services.random-background.interval	The duration between changing background image, set to null to only set background when logging in. Should be formatted as a duration understood by systemd.	null or string
-------------------------------------	--	----------------

services.recoll.enabled	Whether to enable Recoll file index service.	boolean
-------------------------	--	---------



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services.recoll.configDir	The directory to contain Recoll configuration files. This will be setas RECOLL_CONFDIR	string Last update: December 15, 2023 at 4:25 UTC /home-m: sear
services.recoll.settings	The configuration to be written at \$RECOLL_CONFDIR/R/recoll.conf.	attribute set of (Recoll config value)
services.recoll.startAt	When or how often the periodic update should run. Must be the formatdescribed from systemd.time(7).	string
services.redshift.enabled	Whether to enable Redshift.	boolean
services.redshift.enabledVerboseLogging	Whether to enable verbose service logging.	boolean
services.redshift.package	Redshift derivation to use.	package
services.redshift.dawnTime	Set the time interval of dawn manually.The times must be specified as HH:MM in 24-hour format.	null or string
services.redshift.duskTime	Set the time interval of dusk manually.The times must be specified as HH:MM in 24-hour format.	null or string



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OPTION SEARCHor string or
number/mip
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and90.0. Must be
provided along
withlongitude.

services.redshift.longitude	Your current longitude, between -180.0 and180.0. Must be provided along withlatitude.	null or string or floating point number
-----------------------------	---	---

services.redshift.provider	The location provider to use for determining your location. If set tomanual you must also provide latitude/longitude.If set to geoclue2, you must also enable the globalgeoclue2 service.	one of “manual”, “geoclue2”
----------------------------	---	-----------------------------

services.redshift.settings	The configuration to pass to Redshift.Available options for Redshift described inredshift(1).	attribute set of attribute set of (INI atom (null, bool, int, float or string))
----------------------------	---	---

services.redshift.temperature.day	Colour temperature to use during the day, between1000 and 25000 K.	signed integer
-----------------------------------	--	----------------

services.redshift.temperature.night	Colour temperature to use at night, between1000 and 25000 K.	signed integer
-------------------------------------	--	----------------

services.redshift.tray	Start the redshift-gtk tray applet.	boolean
------------------------	-------------------------------------	---------

services.rsibreak.enabled	Whether to enable rsibreak.	boolean
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service.

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services.safeeyes.package The safeeyes package to use.

services.screen-locker.enable Whether to enable screen locker for X session.

services.screen-locker.inactiveInterval Inactive time interval in minutes after which session will be locked. The minimum is 1 minute, and the maximum is 1 hour. If xautolock.enable is true, it will use this setting. See <https://linux.die.net/man/1/xautolock>. Otherwise, this will be used with xset to configure the X server's screensaver timeout.

services.screen-locker.lockCmd Locker command to run.

services.screen-locker.xautolock.enabled Use xautolock for time-based locking.

services.screen-locker.xautolock.package Package providing the xautolock binary.

services.screen-locker.xautolock.detectedSleep Whether to reset xautolock timers when awaking from sleep. No effect if xautolock.enable is false.



Home Manager OPTION SEARCH			string	(.)	/mip communi man /home-m: sear
aOptions	xautolock.No effect if xautolock.enable is false.			Last update: December 15, 2023 at 4:25 UTC	
services.screen-locker.xss-lock.package	Package providing the XSS-lock binary.	package			
services.screen-locker.xss-lock.extraOptions	Extra command-line arguments to pass to XSS-lock.	list of string			
services.screen-locker.xss-lock.screensaverCycle	The X server's screensaver cycle value expressed as seconds. This will be used with xset to configure the cycle along with timeout.	signed integer			
services.sctd.enable	Whether to enable sctd.	boolean			
services.sctd.baseTemperature	The base color temperature used by sctd, which should be between 2500 and 9000. See sctd(1) for more details.	integer between 2500 and 9000 (both inclusive)			
services.signaturepdf.enable	Whether to enable signaturepdf; signing, organizing, editing metadata or compressing PDFs.	boolean			
services.signaturepdf.package	signaturepdf derivation to use.	package			
services.signaturepdf.extraConfig	Additional configuration optional.	attribute set of (string or signed integer or boolean or floating point number)			

Home Manager **OPTION SEARCH**It unsigned
er; between 0and 65535 (both
inclusive)
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services.spotifyd.enable	Whether to enable SpotifyD connect.	boolean
services.spotifyd.package	The spotifyd package to use. Can be used to specify extensions.	package
services.spotifyd.settings	Configuration for spotifyd	TOML value
services.ssh-agent.enable	Whether to enable OpenSSH private key agent.	boolean
services.stalonetray.enable	Whether to enable Stalonetray system tray.	boolean
services.stalonetray.package	The package to use for the Stalonetray binary.	package
services.stalonetray.config	Stalonetray configuration as a set of attributes.	attribute set of (null or string or boolean or signed integer)
services.stalonetray.extraConfig	Additional configuration lines for stalonetrayrc.	strings concatenated with "\n"
services.status-notifier-watcher.enable	Whether to enable Status Notifier Watcher.	boolean
services.status-notifier-watcher.package	The package to use for the status notifier watcher binary.	package
services.swayidle.enable	Whether to enable idle manager for Wayland.	boolean
services.swayidle.package	Swayidle package to install.	package



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(submodule)



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event.

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services.swayidle.event.*.command	Command to run when event occurs.	string	/home-m/sear
services.swayidle.event.*.event	Event name.	one of “before-sleep”, “after-resume”, “lock”, “unlock”	
services.swayidle.extraArgs	Extra arguments to pass to swayidle.	list of string	
services.swayidle.systemdTarget	Systemd target to bind to.	string	
services.swayidle.timeoutouts	List of commands to run after idle timeout.	list of (submodule)	
services.swayidle.timeoutouts.*.command	Command to run after timeout seconds of inactivity.	string	
services.swayidle.timeoutouts.*.resumeCommand	Command to run when there is activity again.	null or string	
services.swayidle.timeoutouts.*.timeout	Timeout in seconds.	positive integer, meaning >0	
services.swayosd.enabled	Whether to enable swayosd, a GTK based on screen display for keyboard shortcuts like caps-lock and volume.	boolean	
services.swayosd.package	The swayosd package to use.	package	
services.swayosd.maxVolume	Sets the maximum volume.	null or unsigned integer, meaning >=0	
services.sxhkd.enabled	Whether to enable simple X hotkey daemon.	boolean	



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executable.

services.sxhkd.extraConfig	Additional configuration to add.	strings concatenated with "\n"
services.sxhkd.extraOptions	Command line arguments to invoke sxhkd with.	list of string
services.sxhkd.keybindings	An attribute set that assigns hotkeys to commands.	attribute set of (null or string or path)
services.syncthing.enabled	Whether to enable Syncthing continuous file synchronization.	boolean
services.syncthing.extraOptions	Extra command-line arguments to pass to syncthing.	list of string
services.syncthing.tray	Syncthing tray service configuration.	boolean or (submodule)
services.systembus-notify.enable	Whether to enable systembus-notify - system bus notification daemon.	boolean
services.taffybar.enabled	Whether to enable Taffybar.	boolean
services.taffybar.package	The package to use for the Taffybar binary.	package
services.tahoe-lafs.enable	Whether to enable Tahoe-LAFS.	boolean
services.taskwarrior-sync.enable	Whether to enable Taskwarrior periodic sync.	boolean





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This value is passed to the systemd timer configuration as the `OnCalendar` option.

See `systemd.time(7)` or more information about the format.

<code>services.trayer.enabled</code>	Whether to enable trayer, the lightweight GTK2+ systray for UNIX desktops.	boolean
--------------------------------------	--	---------

<code>services.trayer.package</code>	The package to use for the trayer binary.	package
--------------------------------------	---	---------

<code>services.trayer.settings</code>	Trayer configuration as a set of attributes. Further details can be found in trayer's README.	attribute set of (null or string or boolean or signed integer)
---------------------------------------	---	--

boolean (default: true)

boolean (default: true)

one of "left", "right", "center" (default: "center")

signed integer (default: 127)

signed integer (default: 0)

one of "left", "right", "top", "bottom" (default: "top")

one of "left", "right", "top", "bottom", "none" (default: "bottom")





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signed integer
(default: 26)

one of "request",
"pixel" (default:
"pixel")

signed integer
(default: 0)

signed integer
(default: 0)

unsigned integer,
meaning ≥ 0 or
value "primary"
(singular enum)
(default: 0)

signed integer
(default: 0)

string (default:
"0xFFFFFFFF")

boolean (default:
false)

signed integer
(default: 100)

one of "request",
"pixel", "percent"
(default: "percent")

services.twmn.enabl
e

Whether to enable
twmn, a tiling
window manager
notification daemon.

services.twmn.durati
on

The time each
notification remains
visible, in
milliseconds.



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twmnd config file. See https://github.com/sboli/twmn/blob/master/README.md for details.	ute set (.)	/mip /communi man /home-m: sear
services.twmn.host	Host address to listen on for notifications.	string
services.twmn.icons.critical	Path to the critical notifications' icon.	null or path
services.twmn.icons.info	Path to the informative notifications' icon.	null or path
services.twmn.icons.warning	Path to the warning notifications' icon.	null or path
services.twmn.port	UDP port to listen on for notifications.	16 bit unsigned integer; between 0 and 65535 (both inclusive)
services.twmn.screen	Screen number to display notifications on when using a multi-headdesktop.	null or signed integer
services.twmn.soundCommand	Command to execute to play a notification's sound.	string
services.twmn.textColor	Notification's text color. RGB hex and keywords (e.g. lightgray) are supported.	string
services.twmn.text.font.package	Notification text's font package. If null then the font is assumed to already be available in your profile.	null or package

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services.twmn.text fo nt.size	Notification text's font size.	unsigned integer, meaning ≥ 0	Last update: December 15, 2023 at 4:25 UTC /home-m: sear
services.twmn.text fo nt.variant	Notification text's font variant.	one of "oblique", "italic", "ultra-light", "light", "medium", "semi-bold", "bold", "ultra-bold", "heavy", "ultra-condensed", "extra-condensed", "condensed", "semi-condensed", "semi-expanded", "expanded", "extra-expanded", "ultra-expanded"	
services.twmn.text. maxLength	Maximum length of the text before it is cut and suffixed with "...". Never cuts if null.	null or unsigned integer, meaning ≥ 0	
services.twmn.windo w.alwaysOnTop	Whether to enable forcing the notification window to always be on top.	boolean	
services.twmn.windo w.animation.bounce. enable	Whether to enable notification bounce when displaying next notification directly.	boolean	
services.twmn.windo w.animation.bounce. duration	The bounce animation duration in milliseconds.	unsigned integer, meaning ≥ 0	
services.twmn.windo w.animation.easeIn	Options for the notification appearance's animation.	submodule	



curve

the animation.
See QEasingCurve
documentation.

inclusive)
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/home-m:
searservices.twmn.windo
w.animation.easeIn.
duration

The animation
duration in
milliseconds.

unsigned integer,
meaning ≥ 0 services.twmn.windo
w.animation.easeOut.
t

Options for the
notification
disappearance's
animation.

submodule

services.twmn.windo
w.animation.easeOut.
t.curve

The qt easing-curve
animation to use for
the animation.
See QEasingCurve
documentation.

integer between 0
and 40 (both
inclusive)services.twmn.windo
w.animation.easeOut.
t.duration

The animation
duration in
milliseconds.

unsigned integer,
meaning ≥ 0 services.twmn.windo
w.color

Notification's
background color.
RGB hex and
keywords
(e.g. lightgray) are
supported.

string

services.twmn.windo
w.height

Height of the slide
bar. Useful to match
your tiling
windowmanager's
bar.

unsigned integer,
meaning ≥ 0 services.twmn.windo
w.offset.x

Offset of the
notification's slide
starting point in
pixels on
the horizontal axis
(positive is
rightward).

signed integer



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	starting point in pixels on the vertical axis (positive is upward).	Last update: December 15, 2023 at 4:25 UTC /home-m: sear
services.twmn.window.opacity	The notification window's opacity.	integer between 0 and 100 (both inclusive)
services.twmn.window.position	Position of the notification slide. The notification will slide in vertically from the border if placed in top_center or bottom_center, horizontally otherwise.	one of "tr", "top_right", "tl", "top_left", "br", "bottom_right", "bl", "bottom_left", "tc", "top_center", "bc", "bottom_center", "c", "center"
services.udiskie.enabled	Whether to enable the udiskie mount daemon.	boolean
services.udiskie.auto_mount	Whether to automatically mount new devices.	boolean
services.udiskie.notify	Whether to show pop-up notifications.	boolean
services.udiskie.settings	Configuration written to \$XDG_CONFIG_HOME/udiskie/config.yml.	YAML value
services.udiskie.tray	Whether to display tray icon.	one of "always", "auto", "never"
	Always show tray icon.	
	Show tray icon only when there is a device available.	
	Never show tray icon.	

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services.unclutter.package	unclutter derivation to use.	package
services.unclutter.extraOptions	More arguments to pass to the unclutter command.	list of string
services.unclutter.threshold	Minimum number of pixels considered cursor movement.	signed integer
services.unclutter.timeout	Number of seconds before the cursor is marked inactive.	signed integer
services.unison.enabled	Whether to enable Unison synchronisation.	boolean
services.unison.package	The unison package to use.	package
services.unison.pairs	Unison root pairs to keep synchronised.	attribute set of (submodule)
services.unison.pairs.<name>.commandOptions	Additional command line options as a dictionary to pass to theunison program.	attribute set of (string or list of string)
services.unison.pairs.<name>.roots	Pair of roots to synchronise.	list of string of length 2
services.unison.pairs.<name>.stateDirectory	Unison state directory to use.	path
services.vdirsyncer.enable	Whether to enable vdirsyncer.	boolean
services.vdirsyncer.package	The package to use for the vdirsyncer binary.	package

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	for path	/mip
	link to use instead of the default file (\$XDG_CONFIG_H OME/vdirsyncer /config).	Last update: December 15, 2023 at 4:25 UTC /home-m: sear
services.vdirsyncer.f requency	How often to run vdirsyncer. This value is passed to the systemd timer configuration as the onCalendar option. See systemd.time(7) or more information about the format.	string
services.vdirsyncer.v erbosity	Whether vdirsyncer should produce verbose output.	null or one of “CRITICAL”, “ERROR”, “WARNING”, “INFO”, “DEBUG”
services.volnoti.en able	Whether to enable Volnoti volume HUD daemon.	boolean
services.volnoti.pack age	Package containing the volnoti program.	package
services.wlsunset.en able	Whether to enable wlsunset.	boolean
services.wlsunset.pa ckage	wlsunset derivation to use.	package
services.wlsunset.ga mma	Gamma value to use.	string
services.wlsunset.lat itude	Your current latitude, between -90.0 and 90.0.	string
services.wlsunset.lo ngitude	Your current longitude, between -180.0 and 180.0.	string
services.wlsunset.sy stemdTarget	Systemd target to bind to.	string



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	day, in Kelvin (K). This value must be greater than temperature.night.	signed integer (.)
services.wlsunset.temperature.night	Colour temperature to use during the night, in Kelvin (K). This value must be smaller than temperature.day.	signed integer
services.xcape.enabled	Whether to enable xcape.	boolean
services.xcape.map Expression	The value has the grammar Key[OtherKey].	attribute set of string
services.xcape.timeout	If you hold a key longer than this timeout, xcape will not generate a key event. Default is 500 ms.	null or signed integer
services.xembed-sni-proxy.enable	Whether to enable XEmbed SNI Proxy.	boolean
services.xembed-sni-proxy.package	Package containing the xembedsniproxyprogram.	package
services.xidlehook.enable	Whether to enable xidlehook systemd service.	boolean
services.xidlehook.package	The package to use for xidlehook.	package
services.xidlehook.detect-sleep	Whether to enable detecting when the system wakes up from a suspended state and resetting the idle timer.	boolean

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ute set of string

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exported in the
script.These options
are passed
unescape as export
name=value.

services.xidlehook.n ot-when-audio	Disable locking when audio is playing.	boolean
---------------------------------------	--	---------

services.xidlehook.n ot-when-fullscreen	Disable locking when a fullscreen application is in use.	boolean
--	--	---------

services.xidlehook.o nce	Whether to enable running the program once and exiting.	boolean
-----------------------------	---	---------

services.xidlehook.ti mers	A set of commands to be executed after a specific idle timeout.The commands specified in command and canceller are passed escaped to the script.To use or re- use environment variables that are script-dependent, specify them in the environment section.	list of (submodule)
-------------------------------	--	---------------------

services.xidlehook.ti mers.*.canceller	Command executed when the user becomes active again.This is only executed if the next timer has not been reached.Path to executables are accepted.The command is automatically escaped.	string
---	--	--------





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is reached. Path to executables are accepted. The command is automatically escaped.

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services.xidlehook.timers.*.delay	Time before executing the command.	unsigned integer, meaning >=0
services.xscreensaver.enable	Whether to enable XScreenSaver.	boolean
services.xscreensaver.settings	The settings to use for XScreenSaver.	attribute set of (boolean or signed integer or string)
services.xsettingsd.enabled	Whether to enable xsettingsd.	boolean
services.xsettingsd.package	Package containing the xsettingsd program.	package
services.xsettingsd.settings	Xsettingsd options for configuration file. See https://github.com/derat/xsettingsd/wiki/Settingsfor documentation on these values.	attribute set of (boolean or signed integer or string)
services.xsusponder.enable	Whether to enable XSusponder.	boolean
services.xsusponder.debug	Whether to enable debug output.	boolean
services.xsusponder.defaults	XSusponder defaults.	submodule
services.xsusponder.defaults.autoSuspendOnBattery	Whether to auto-apply rules when switching to battery power even if the window(s) didn't just lose focus.	boolean



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OnBattery	factor when on battery power. Value 1 means 50% decrease, 2 means 66%, 3 means 75% etc.	Last update: December 15, 2023 at 4:25 UTC
services.xsusender	Before resuming, execute this shell script. Resume the process regardless script failure.	null or string
.defaults.execResum	e	
services.xsusender	Before suspending, execute this shell script. If it fails, abort suspension.	null or string
.defaults.execSuspe	nd	
services.xsusender	Match windows that .defaults.matchWmC	null or string
.defaults.matchWmC	wm class contains string.	
services.xsusender	Match windows where .defaults.matchWmC	null or string
.defaults.matchWmC	wm class group contains string.	
services.xsusender	Match windows where .defaults.matchWmN	null or string
.defaults.matchWmN	wm name contains string.	
services.xsusender	Whether to enable .defaults.onlyOnBatt	boolean
.defaults.onlyOnBatt	ery	
services.xsusender	Resume interval in .defaults.resumeEve	signed integer
.defaults.resumeEve	ry	
services.xsusender	Resume duration in .defaults.resumeFor	signed integer
.defaults.resumeFor	seconds.	

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s	SIGCONT signals or not. If false just the exec scripts are run.	Last update: December 15, 2023 at 4:25 UTC /home-m: sear
services.xsuspender	Initial suspend delay	signed integer
.defaults.suspendDelay	in seconds.	
services.xsuspender	Also suspend descendant processes that match this regex.	null or string
.defaults.suspendBtreePattern		
services.xsuspender	Attribute set of XSuspender rules.	attribute set of (submodule)
.rules		
services.xsuspender	Whether to auto-apply rules when switching to battery power even if the window(s) didn't just lose focus.	boolean
.rules.		
<name>.autoSuspendOnBattery		
services.xsuspender	Limit CPU consumption for this factor when on battery power. Value 1 means 50% decrease, 2 means 66%, 3 means 75% etc.	signed integer
.rules.		
<name>.downclockOnBattery		
services.xsuspender	Before resuming, execute this shell script. Resume the process regardless script failure.	null or string
.rules.		
<name>.execResume		
services.xsuspender	Before suspending, execute this shell script. If it fails, abort suspension.	null or string
.rules.		
<name>.execSuspension		



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<code><name>.matchWmClassContains</code>	Match windows where wm class	null or string
<code>services.xsuspender.rules.<name>.matchWmClassGroupContains</code>	group contains string.	
<code>services.xsuspender.rules.<name>.matchWmNameContains</code>	Match windows where wm name contains string.	null or string
<code>services.xsuspender.rules.<name>.onlyOnBattery</code>	Whether to enable process suspend only on battery.	boolean
<code>services.xsuspender.rules.<name>.resumeEvery</code>	Resume interval in seconds.	signed integer
<code>services.xsuspender.rules.<name>.resumeFor</code>	Resume duration in seconds.	signed integer
<code>services.xsuspender.rules.<name>.sendSignal</code>	Whether to send SIGSTOP / SIGCONT signals or not. If false just the exec scripts are run.	boolean
<code>services.xsuspender.rules.<name>.suspendDelay</code>	Initial suspend delay in seconds.	signed integer
<code>services.xsuspender.rules.<name>.suspendDescendant</code>	Also suspend descendant processes that match this regex.	null or string





configurations.

These can be used to extend your base configuration with additional settings.

For example, you can have specialisations named "light" and "dark" that apply light and dark color theme configurations.

specialisation. <name>.configuration	Arbitrary Home Manager configuration settings.	submodule
systemd.user.automounts	Definition of systemd per-user automount units. Attributes are merged recursively.	systemd automount unit configuration
systemd.user.mounts	Definition of systemd per-user mount units. Attributes are merged recursively.	systemd mount unit configuration
systemd.user.paths	Definition of systemd per-user path units. Attributes are merged recursively.	systemd path unit configuration
systemd.user.services	Definition of systemd per-user service units. Attributes are merged recursively.	systemd service unit configuration





fail until their start
is considered
successful. The
value 0 indicates no
timeout.

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sear

systemd.user.sessionVariables	Environment variables that will be set for the user session. The variable values must be as described in environment.d(5).	attribute set of (signed integer or string)
systemd.user.settings	Extra config options for user session service manager. See systemd-user.conf(5) for available options.	attribute set of (INI atom (null, bool, int, float or string) or a list of them for duplicate keys)
systemd.user.settings.Manager.DefaultEnvironment	Configures environment variables passed to all executed processes.	attribute set of (null or string or path or package)
systemd.user.settings.Manager.Environment	Sets environment variables just for the manager process itself.	attribute set of (null or string or path or package)
systemd.user.slices	Definition of systemd per-user slice units. Attributes are merged recursively.	systemd slice unit configuration
systemd.user.sockets	Definition of systemd per-user socket units. Attributes are merged recursively.	systemd socket unit configuration





Home Manager **OPTION SEARCH**

mean or one of
“latest”, “legacy”,



that are wanted by
active targetsshould
be started.

Additionally, stop
obsolete services
from the previous
generation.

Use a very simple
shell script to print
suggestedsystemctl
commands to run.

You will have
to manually run those
commands after the
switch.

Use a Ruby script to,
in a more robust
fashion, determine
the necessary
changes and
automatically run
thesystemctl
commands.

Use sd-switch, a
third party
application, to
perform the
serviceupdates. This
tool offers more
features while
having a
smallclosure size.

Note, it requires a
fully functional user
D-Busession. Once
tested and deemed
sufficiently robust,
this will become the
default.

“sd-switch”
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/mip



man

/home-m:

sear





Home Manager **OPTION SEARCH** (./)

/mip

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sear

This option may need to be set if running Home Manager on anon-NixOS distribution.

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systemd.user.targets	Definition of systemd per-user target units. Attributes are merged recursively.	systemd target unit configuration
systemd.user.timers	Definition of systemd per-user timer units. Attributes are merged recursively.	systemd timer unit configuration
systemd.user.tmpfile.s.rules	Rules for creating and cleaning up temporary files automatically. See tmpfiles.d(5) for the exact format.	list of string
targets.darwin.currentHostDefaults	Set macOS user defaults. Unlike targets.darwin.defaults, the preferences will only be applied to the currently logged-in host. This distinction is important for networked accounts.	attribute set of anything
targets.darwin.currentHostDefaults."com.apple.controlcenter".BatteryShowPercentage	Whether to show battery percentage in the menu bar.	null or boolean
targets.darwin.defaults	Set macOS user defaults. Values set to null are ignored.	attribute set of anything





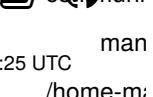
Home Manager **OPTION SEARCH**

or (list of string)
(.)

/mip

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sear

AppleLanguages order.

targets.darwin.default Configures the user
ts.NSGlobalDomain. locale. null or string

AppleLocale

targets.darwin.default Sets the null or one of
ts.NSGlobalDomain. measurement unit. "Centimeters",
AppleMeasurement "Inches"

Units

targets.darwin.default Whether to enable null or boolean
ts.NSGlobalDomain. the metric system.

AppleMetricUnits

targets.darwin.default Sets the temperature null or one of
ts.NSGlobalDomain. unit. "Celsius",
AppleTemperatureU "Fahrenheit"

nit

targets.darwin.default Whether to enable null or boolean
ts.NSGlobalDomain. automatic
NSAutomaticCapitali capitalization.
zationEnabledtargets.darwin.default Whether to enable null or boolean
ts.NSGlobalDomain. smart dashes.NSAutomaticDashS
ubstitutionEnabledtargets.darwin.default Whether to enable null or boolean
ts.NSGlobalDomain. period with double
NSAutomaticPeriodS space.
ubstitutionEnabledtargets.darwin.default Whether to enable null or boolean
ts.NSGlobalDomain. smart quotes.
NSAutomaticQuoteS
ubstitutionEnabledtargets.darwin.default Whether to enable null or boolean
ts.NSGlobalDomain. spelling correction.
NSAutomaticSpellin
gCorrectionEnabled



Home Manager **OPTION SEARCH**

or boolean

/mip



man

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sear

.AutoFillCreditCardD numbers.
ata

targets.darwin.default Whether to enable
ts."com.apple.Safari" autofill of usernames
.AutoFillPasswords and passwords.

targets.darwin.default Whether to enable
ts."com.apple.Safari" opening of
.AutoOpenSafeDow downloaded files.
nloads

targets.darwin.default Whether to enable
ts."com.apple.Safari" "Develop" menu in
.IncludeDevelopMen the menu bar.
u

targets.darwin.default Whether to enable
ts."com.apple.Safari" status bar.
.ShowOverlayStatus
Bar

targets.darwin.default Configures the web null or boolean
ts."com.apple.Safari" inspector.
.WebKitDeveloperEx
trasEnabledPreferen
ceKey

targets.darwin.default Configures the web null or boolean
ts."com.apple.Safari" inspector.
.WebKitPreferences
.developerExtrasEna
bled"

targets.darwin.default Show the "Develop" null or boolean
ts."com.apple.Safari. menu in Safari's
SandboxBroker".Sho menubar.
wDevelopMenu

targets.darwin.default Disable use of null or boolean
ts."com.apple.deskt... .DS_Store files on
pservices".DSDontW network shares. See
riteNetworkStores the official article for
more info.





Home Manager **OPTION SEARCH**

or boolean
(.)

/mip

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pservices".DSDontW thumb drives.
riteUSBStorestargets.darwin.default Whether to enable
ts."com.apple.dock". grouping of windows
expose-group-apps by application in
Mission Control.targets.darwin.default Whether to enable
ts."com.apple.dock". locking of the dock
size-immutable size.targets.darwin.default Sets the size of the
ts."com.apple.dock". dock.
tilesizetargets.darwin.default This option no
ts."com.apple.menu longer works on
extra.battery".ShowP macOS 11 and later.
ercent Instead,
usetargets.darwin.cu
rrentHostDefaults.\\"c
om.apple.controlcent
er
\".BatteryShowPerce
ntage.targets.darwin.default Whether to enable
ts."com.googlecode.i placement of new
term2".AddNewTabA tabs at the end of
tEndOfTabs the tab bar.targets.darwin.default Whether to enable
ts."com.googlecode.i arrow keys when
term2".AlternateMou scrolling in alternate
seScroll screen mode.targets.darwin.default Whether to enable
ts."com.googlecode.i copy to clipboard
term2".CopySelectio upon selecting text.
ntargets.darwin.default Whether to enable
ts."com.googlecode.i experimental key
term2".Experimental handling for
KeyHandling AquaSKK
compatibility.

Home Manager OPTION SEARCH		
term2".OpenTmuxWi ndowsIn	windows when attaching to a session.	or signed integer (.)
		Last update: December 15, 2023 at 4:25 UTC
		/home-m: sear
	Native windows	/mip communi man
	Native tabs in a new window	
	Tabs in the attaching window	
targets.darwin.keybi ndings	This will configure the default keybindings for text fields in macOSApplications. SeeApple's documentationfor more details.	attribute set of anything
targets.darwin.searc h	Default search engine.	null or one of "Bing", "DuckDuckGo", "Ecosia", "Google", "Yahoo"
targets.genericLinux. enable	Whether to enable settings that make Home Manager work better onGNU/Linux distributions other than NixOS.	boolean
wayland.windowMan ager.hyprland.enable	Whether to enable Hyprland wayland compositor.	boolean
wayland.windowMan ager.hyprland.enable NvidiaPatches	Whether to enable patching wlroots for better Nvidia support.	boolean
wayland.windowMan ager.hyprland.packag e	The hyprland package to use.	package

onfig	~/.config /hypr/hyprland.conf.	gs concatenated \n;"	Last update: December 15, 2023 at 4:25 UTC /home-m:	/mip man sear
wayland.windowManager.hyprland.finalPackage	The Hyprland package after applying configuration.	package (read only)		
wayland.windowManager.hyprland.plugin	List of Hyprland plugins to use. Can either be packages or absolute plugin paths.	list of (package or path)		
wayland.windowManager.hyprland.settings	Hyprland configuration written in Nix. Entries with the same key should be written as lists. Variables' and colors' names should be quoted. See https://wiki.hyprland.org for more examples.	Hyprland configuration value		
wayland.windowManager.hyprland.sourceFirst	Whether to enable putting source entries at the top of the configuration.	boolean		





Home Manager

OPTION SEARCHlean
(./)/mip
communi

man

/home-m:
sear

sear

md.enable

session.target
onhyprland startup.
This links to
graphical-
session.target.Some
important
environment
variables will be
imported to
systemdand D-Bus
user environment
before reaching the
target, including

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wayland.windowManager.hyprland.system.extraCommands

Extra commands to
be run after D-Bus
activation.

list of string

wayland.windowManager.hyprland.system.variables

Environment
variables to be
imported in the
systemd & D-Bus
userenvironment.

list of string

wayland.windowManager.hyprland.xwayland.enable

Whether to enable
XWayland.
nd.enable

boolean

wayland.windowManager.sway.enable

Whether to enable
sway wayland
compositor.

boolean



Home Manager OPTION SEARCH for package		
		Last update: December 15, 2023 at 4:25 UTC /home-m:sear
	options'wrapperFeatures', 'extraSessionCommands', and 'extraOptions'.Set to null to not add any Sway package to yourpath. This should be done if you want to use the NixOS Swaymodule to install Sway.	/mip
wayland.windowManager.sway.config	Sway configuration options.	null or (submodule)
wayland.windowManager.sway.config.assigns	An attribute set that assigns applications to workspaces basedon criteria.	attribute set of list of attribute set of (string or boolean)
wayland.windowManager.sway.config.bars	Sway bars settings blocks. Set to empty list to remove bars completely.	list of (submodule)
wayland.windowManager.sway.config.bars.*.colors	Bar color settings. All color classes can be specified using submoduleswith 'border', 'background', 'text', fields and RGB color hex-codes as values.See default values for the reference.Note that 'background', 'status', and 'separator' parameters take a single RGB value.	submodule





Home Manager **OPTION SEARCH**

or (submodule)



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/home-m:

sear

s.*.colors.activeWork
space

when the workspace
is active.

Background color of null or string
the bar.

wayland.windowMan
ager.sway.config.bar

s.*.colors.backgrou
nd

wayland.windowMan
ager.sway.config.bar

s.*.colors.bindingMo
de

wayland.windowMan
ager.sway.config.bar

s.*.colors.focusedBa
ckground

wayland.windowMan
ager.sway.config.bar

s.*.colors.focusedSe
parator

wayland.windowMan
ager.sway.config.bar

s.*.colors.focusedSt
atusline

wayland.windowMan
ager.sway.config.bar

s.*.colors.focusedW
orkspace

wayland.windowMan
ager.sway.config.bar

s.*.colors.inactiveWo
rkspace

wayland.windowMan
ager.sway.config.bar

s.*.colors.separator





Home Manager **OPTION SEARCH**

or string
(.)

/mip

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man



/home-m:

sear

s.*.colors.statusline

wayland.windowManager.sway.config.bar

Border, background and text color for a workspace button when the workspace contains a window with the urgency hint set.

wayland.windowManager.sway.config.bar.s.*.command

Command that will be used to start a bar.

wayland.windowManager.sway.config.bar.s.*.extraConfig

Extra configuration lines for this bar.

wayland.windowManager.sway.config.bar.s.*.fonts

Font configuration for this bar.

wayland.windowManager.sway.config.bar.s.*.hiddenState

The default bar mode when 'bar.mode' == 'hide'.

wayland.windowManager.sway.config.bar.s.*.id

Specifies the bar ID for the configured bar instance. If this option is missing, the ID is set to bar-x, where x corresponds to the position of the embedding bar block in the config file.

wayland.windowManager.sway.config.bar.s.*.mode

Bar visibility mode.



wayland.windowManager.sway.config.bar.s.*.position

The edge of the screen swaybar should show up.



`s.*.statusCommand` lines.

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`wayland.windowMan` Where to output tray. null or string
`ager.sway.config.bar`
s.*.trayOutput

`wayland.windowManager.sway.config.bar_s.*.trayPadding` Sets the pixel padding of the system tray. This padding will surround the tray on all sides and between each item.

`wayland.windowManager.sway.config.bar` Whether workspace buttons should be shown or not.

wayland.windowManager.sway.config.bar.s.*.workspaceNumbers	Whether workspace numbers should be displayed within the workspace buttons.	null or boolean
--	---	-----------------

`wayland.windowManager.sway.config.bin.dkeysToCode` Whether to make use of --to-code in keybindings. boolean

`wayland.windowManager.sway.config.colors` Color settings. All color classes can be specified using submodules with ‘border’, ‘background’, ‘text’, ‘indicator’ and ‘childBorder’ fields and RGB color hex-codes as values. See default values for the reference. Note that ‘sway.config.colors.background’ parameter takes a single RGB value.



Home Manager OPTION SEARCH (. /)		
		/mip communi man /home-m: sear
ors.background	applications which do not cover the whole area expose the color.	Last update: December 15, 2023 at 4:25 UTC
wayland.windowManager.sway.config.colors.focused	A window which currently has the focus.	submodule
wayland.windowManager.sway.config.colors.focusedInactive	A window which is the focused one of its container, but it does not have the focus at the moment.	submodule
wayland.windowManager.sway.config.colors.placeholder	Background and text color are used to draw placeholder windowcontents (when restoring layouts). Border and indicator are ignored.	submodule
wayland.windowManager.sway.config.colors.unfocused	A window which is not focused.	submodule
wayland.windowManager.sway.config.colors.urgent	A window which has its urgency hint activated.	submodule
wayland.windowManager.sway.config.defaultWorkspace	The default workspace to show when sway is launched. This must correspond to the value of the keybinding of the default workspace.	null or string
wayland.windowManager.sway.config.directionKeyForMovingDown	Home row direction key for moving down.	string



Home Manager OPTION SEARCH module		
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wayland.windowManager.sway.config.floating.border	Floating windows border width.	signed integer
wayland.windowManager.sway.config.floating.criteria	List of criteria for windows that should be opened in a floating mode.	list of attribute set of (string or boolean)
wayland.windowManager.sway.config.floating.modifier	Modifier key or keys that can be used to drag floating windows.	string
wayland.windowManager.sway.config.floating.titlebar	Whether to show floating window titlebars.	boolean
wayland.windowManager.sway.config.focus.us	Focus related settings.	submodule
wayland.windowManager.sway.config.focus.us.followMouse	Whether focus should follow the mouse.	one of “yes”, “no”, “always” or boolean
wayland.windowManager.sway.config.focus.us.forceWrapping	Whether to force focus wrapping in tabbed or stacked containers.	boolean
wayland.windowManager.sway.config.focus.us.mouseWarping	Whether mouse cursor should be warped to the center of the window when switching focus to a window on a different output.	boolean or one of “container”, “output”
wayland.windowManager.sway.config.focus.us.newWindow	This option modifies focus behavior on new window activation.	one of “smart”, “urgent”, “focus”, “none”



Home Manager OPTION SEARCH		
s.top	or signed integer (.)	/mip communi man /home-m: sear
wayland.windowManager.sway.config.gap	Vertical gaps value.	null or signed integer
s.vertical		
wayland.windowManager.sway.config.input	An attribute set that defines input modules. See wayland-input(5) for options.	attribute set of attribute set of string
wayland.windowManager.sway.config.keybindings	An attribute set that assigns a key press to an action using a key symbol. See https://i3wm.org/docs/userguide.html#keybindings .	attribute set of (null or string)
wayland.windowManager.sway.config.keycodebindings	An attribute set that assigns keypress to an action using key code. See https://i3wm.org/docs/userguide.html#keybindings .	attribute set of (null or string)
wayland.windowManager.sway.config.left	Home row direction key for moving left.	string
wayland.windowManager.sway.config.middle	Default launcher to use.	string
wayland.windowManager.sway.config.modifier	An attribute set that defines binding modes and keybindings inside them	attribute set of attribute set of string
wayland.windowManager.sway.config.modifier	Modifier key that is used for all default keybindings.	one of "Shift", "Control", "Mod1", "Mod2", "Mod3", "Mod4", "Mod5"

Home Manager OPTION SEARCH			ute set of (/) ute set of string	/mip com man /home-m: sear
put	modules. Seesway-output(5)for options.			Last update: December 15, 2023 at 4:25 UTC
wayland.windowManager.sway.config.right	Home row direction key for moving right.	string		
wayland.windowManager.sway.config.seat	An attribute set that defines seat modules. Seesway-input(5)for options.	attribute set of attribute set of string		
wayland.windowManager.sway.config.startup	Commands that should be executed at startup.	list of (submodule)		
wayland.windowManager.sway.config.startup.*.always	Whether to run command on each sway restart.	boolean		
wayland.windowManager.sway.config.startup.*.command	Command that will be executed on startup.	string		
wayland.windowManager.sway.config.terminal	Default terminal to run.	string		
wayland.windowManager.sway.config.up	Home row direction key for moving up.	string		
wayland.windowManager.sway.config.window	Window titlebar and border settings.	submodule		
wayland.windowManager.sway.config.window.border	Window border width.	signed integer		
wayland.windowManager.sway.config.window.commands	List of commands that should be executed on specific windows. See for_window swaywm option documentation.	list of (submodule)		

Home Manager OPTION SEARCH (./)		
dow.commands.*.co mmand		Last update: December 15, 2023 at 4:25 UTC /home-m:
wayland.windowMan ager.sway.config.win dow.commands.*.crit	Criteria of the windows on which command should be executed.	attribute set of (string or boolean)
wayland.windowMan ager.sway.config.win dow.hideEdgeBorder s	Hide window borders adjacent to the screen edges.	one of “none”, “vertical”, “horizontal”, “both”, “smart”
wayland.windowMan ager.sway.config.win dow.titlebar	Whether to show window titlebars.	boolean
wayland.windowMan ager.sway.config.wor kspaceAutoBackAnd Forth	Assume you are on workspace “1: www” and switch to “2: IM” usingmod+2 because somebody sent you a message. You don’t need to rememberwhere you came from now, you can just press \$mod+2 again to switchback to “1: www”.	boolean
wayland.windowMan ager.sway.config.wor kspaceLayout	The mode in which new containers on workspace level willstart.	one of “default”, “stacking”, “tabbed”
wayland.windowMan ager.sway.config.wor kspaceOutputAssign	Assign workspaces to outputs.	list of (submodule)
wayland.windowMan ager.sway.config.wor kspaceOutputAssign . *.output	Name(s) of the output(s) from swaymsg -t get_outputs .	string or list of string



Home Manager OPTION SEARCH (./)			/mip communi man /home-m: sear
kspaceOutputAssign		Last update: December 15, 2023 at 4:25 UTC	
.*.workspace			
wayland.windowManager.sway.extraConfig	Extra configuration lines to add to <code>~/.config/sway/config</code> .	strings concatenated with "\n"	
wayland.windowManager.sway.extraConfigEarly	Like extraConfig, except lines are added to <code>~/.config/sway/config</code> before all other configuration.	strings concatenated with "\n"	
wayland.windowManager.sway.extraOptions	Command line arguments passed to launch Sway. Please DO NOT report issues if you use an unsupported GPU (proprietary drivers).	list of string	
wayland.windowManager.sway.extraSessionCommands	Shell commands executed just before Sway is started.	strings concatenated with "\n"	
wayland.windowManager.sway.swaynag.enable	Whether to enable configuration of swaynag, a lightweight error bar for sway.	boolean	
wayland.windowManager.sway.swaynag.settings	Configuration written to <code>\$XDG_CONFIG_HOME/swaynag/config</code> .	attribute set of (Swaynag config atom (null, bool, int, float, str))	

Home Manager OPTION SEARCH <small>(./)</small>		
		<small>/mip communi man /home-m: sear</small>
nable	onsway startup. This links to graphical-session.target. Some important environment variables will be imported to systemd and dbus user environment before reaching the target, including	Last update: December 15, 2023 at 4:25 UTC
wayland.windowManager.sway.systemd.xdgAutostart	Whether to enable autostart of applications using systemd-xdg-autostart-generator(8).	boolean
wayland.windowManager.sway.wrapperFeatures	Attribute set of features to enable in the wrapper.	submodule
wayland.windowManager.sway.wrapperFeatures.base	Whether to make use of the base wrapper to execute extra session commands and prepend adbus-run-session to the sway command.	boolean
wayland.windowManager.sway.wrapperFeatures.gtks	Whether to make use of the wrapGAppsHook wrapper to execute sway with required environment variables for GTK applications.	boolean



Home Manager OPTION SEARCH <small>(./)</small>		
	the default configuration of sway.	/mip man /home-m: sear
xdg.enable	Whether to enable management of XDG base directories.	boolean
xdg.cacheHome	Absolute path to directory holding application caches.	path
xdg.configFile	Attribute set of files to link into the user's XDGconfiguration home.	attribute set of (submodule)
xdg.configFile.<name>.enable	Whether this file should be generated. This option allows specificfiles to be disabled.	boolean
xdg.configFile.<name>.executable	Set the execute bit. If null or boolean null, defaults to the modeof the source file or to falsefor files created through the text option.	null or boolean
xdg.configFile.<name>.onChange	Shell commands to run when file has changed between generations. The script will be runafter the new files have been linkedinto place.	strings concatenated with "\n"





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option determines whether the directory should be recursively linked to the target location. This option has no effect if the source is a file.

`xdg.configFile.<name>.source` Path of the source file or directory.

If `xdg.configFile..text` is non-null then this option will automatically point to a file containing that text.

`xdg.configFile.<name>.target` Path to target file relative to `xdg.configHome`.

`xdg.configFile.<name>.text` Text of the file. If this option is null then `xdg.configFile..s` concatenated with `\n` must be set.

`xdg.configHome` Absolute path to directory holding application configurations.

`xdg.dataFile` Attribute set of files to link into the user's XDG data home.

`xdg.dataFile.<name>.enable` Whether this file should be generated. This option allows specific files to be disabled.



Home Manager OPTION SEARCH		
 xdg.dataFile. or boolean	<code>(.)</code>	/mip /communi man /home-m: sear
modeof the source file or to falsefor files created through the text option.		Last update: December 15, 2023 at 4:25 UTC
xdg.dataFile. <name>.onChange	Shell commands to run when file has changed between generations. The script will be run after the new files have been linked into place.	strings concatenated with “\n”
xdg.dataFile. <name>.recursive	If the file source is a directory, then this option determines whether the directory should be recursively linked to the target location. This option has no effect if the source is a file.	boolean
xdg.dataFile. <name>.source	Path of the source file or directory. If xdg.dataFile..text is non-null then this option will automatically point to a file containing that text.	path
xdg.dataFile. <name>.target	Path to target file relative to xdg.dataHome.	string
xdg.dataFile. <name>.text	Text of the file. If this option is null then xdg.dataFile..source must be set.	null or strings concatenated with “\n”
xdg.dataHome	Absolute path to directory holding application data.	path



Home Manager **OPTION SEARCH**

Attribute set of
(`./`)
module)

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sear

be shown in your
desktop
environment's app
launcher.

man
search

xdg.desktopEntries. <code><name>.actions</code>	The set of actions made available to application launchers.	attribute set of (submodule)
xdg.desktopEntries. <code><name>.actions. <name>.exec</code>	Program to execute, possibly with arguments.	null or string
xdg.desktopEntries. <code><name>.actions. <name>.icon</code>	Icon to display in file manager, menus, etc.	null or string or path
xdg.desktopEntries. <code><name>.actions. <name>.name</code>	Name of the action.	string
xdg.desktopEntries. <code><name>.categories</code>	Categories in which the entry should be shown in a menu.	null or (list of string)
xdg.desktopEntries. <code><name>.comment</code>	Tooltip for the entry.	null or string
xdg.desktopEntries. <code><name>.exec</code>	Program to execute, possibly with arguments.	null or string
xdg.desktopEntries. <code><name>.genericName</code>	Generic name of the application.	null or string
xdg.desktopEntries. <code><name>.icon</code>	Icon to display in file manager, menus, etc.	null or string or path
xdg.desktopEntries. <code><name>.mimeType</code>	The MIME type(s) supported by this application.	null or (list of string)
xdg.desktopEntries. <code><name>.name</code>	Specific name of the application.	string





but don't display it in
the menus". This can
be useful to e.g.
associate this
application with
MIME types.

xdg.desktopEntries.<name>.prefersNonDefaultGPU	If true, the application prefers to be run on a more powerful discrete GPU if available.	null or boolean
--	--	-----------------

xdg.desktopEntries.<name>.settings	Extra key-value pairs to add to the [Desktop Entry] section. This may override other values.	attribute set of string
------------------------------------	--	-------------------------

xdg.desktopEntries.<name>.startupNotify	If true, it is KNOWN that the application will send a "remove" message when started with the DESKTOP_STARTUP_ID environment variable set. If false, it is KNOWN that the application does not work with startup notification at all.	null or boolean
---	--	-----------------

xdg.desktopEntries.<name>.terminal	Whether the program runs in a terminal window.	boolean
------------------------------------	--	---------

xdg.desktopEntries.<name>.type	The type of the desktop entry.	one of "Application", "Link", "Directory"
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Home Manager OPTION SEARCH <small>mean(./)</small>		
	support the XDG Shared MIME-info specification and XDG MIME Application specifica tion at https://specifications.freedesktop.org/shared-mime-info-spec/shared-mime-info-spec-latest.html and https://specifications.freedesktop.org/mime-apps-spec/mime-apps-spec-latest.html , respectiv ely.	/mip communi man /home-m: sear
<code>xdg.mimeApps.enab le</code>	Whether to manage \$XDG_CONFIG_HO ME/mimeapps.list.	boolean
<code>xdg.mimeApps.asso ciations.added</code>	Defines additional associations of applications with mimetypes, as if the .desktop file was listing this mimetype in the first place.	attribute set of ((list of string) or ((list of string) or string) convertible to it)
<code>xdg.mimeApps.asso ciations.removed</code>	Removes associations of applications with mimetypes, as if the .desktop file was not listing this mimetype in the first place.	attribute set of ((list of string) or ((list of string) or string) convertible to it)



Option	Description	Type	Default	Notes
xdg.stateHome	Absolute path to directory holding application states.	path		
xdg.systemDirs.config	Directory names to add to XDG_CONFIG_DIR in the user session.	list of string		
xdg.systemDirs.data	Directory names to add to XDG_DATA_DIRS in the user session.	list of string		
xdg.userDirs.enable	Whether to manage \$XDG_CONFIG_HOME/user-dirs.dirs.	boolean		
xdg.userDirs.createDirectories	Whether to enable automatic creation of the XDG user directories.	boolean		
xdg.userDirs.desktop	The Desktop directory.	null or (string or path convertible to it)		
xdg.userDirs.documents	The Documents directory.	null or (string or path convertible to it)		
xdg.userDirs.download	The Downloads directory.	null or (string or path convertible to it)		



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xdg.userDirs.music	The Music directory.	null or (string or path convertible to it)
xdg.userDirs.picture s	The Pictures directory.	null or (string or path convertible to it)
xdg.userDirs.publicS hare	The Public share directory.	null or (string or path convertible to it)
xdg.userDirs.templates	The Templates directory.	null or (string or path convertible to it)
xdg.userDirs.videos	The Videos directory.	null or (string or path convertible to it)
xfconf.settings	Settings to write to the Xfconf configuration system.	xfconf settings
xresources.extraCon fig	Additional X server resources contents. If this and all other xresources options are null, then this feature is disabled and no ~/.Xresources link is produced.	strings concatenated with "\n"
xresources.path	Path where Home Manager should link the .Xresources file.	string





setBOOLEANS are formatted as “true” or “false” respectively. List elements are recursively formatted as a string and joined by commas. All other values are directly formatted using builtins.toString. Note , that 2-dimensional lists are not supported and specifying one will throw an exception. If this and all other xresources options are null, then this feature is disabled and no ~/.Xresources link is produced.

xsession.enable	Whether to enable X Session.	boolean
xsession.initExtra	Extra shell commands to run during initialization.	strings concatenated with “\n”
xsession.numlock.enabled	Whether to enable Num Lock.	boolean
xsession.pointerCursor.package	Alias of home.pointerCursor. package.	submodule
xsession.pointerCursor.defaultCursor	Alias of home.pointerCursor. x11.defaultCursor.	submodule
xsession.pointerCursor.name	Alias of home.pointerCursor. name.	submodule



Home Manager OPTION SEARCH module		
size.	Whether tray applets should prefer using the Status NotifierItems (SNI) protocol, commonly called App Indicators. Note, not all tray applets or status bars support SNI.	boolean
xsession.profileExtra	Extra shell commands to run before session start.	strings concatenated with “\n”
xsession.profilePath	Path, relative to HOME, where Home Managers should write the X profile script.	string
xsession.scriptPath	Path, relative to HOME, where Home Managers should write the X session script.	string
xsession.windowManager.awesome.enabled	Whether to enable Awesome window manager.	boolean
xsession.windowManager.awesome.package	Package to use for running the Awesome WM.	package
xsession.windowManager.awesome.luaModules	List of lua packages available for being used in the Awesome configuration.	list of package
xsession.windowManager.awesome.noArgb	Disable client transparency support, which can be greatly detrimental to performance in some setups	boolean

Home Manager OPTION SEARCH <small>(./)</small>		
manager.	Last update: December 15, 2023 at 4:25 UTC	/mip communi man /home-m: sear
xsession.windowMa nager.bspwm.pack age	The bspwm package to use.	package
xsession.windowMa nager.bspwm.always ResetDesktops	If set to true, desktops configured in monitors will be reset every time the config is run.	boolean
xsession.windowMa nager.bspwm.extraC onfig	Additional shell commands to be run at the end of the config file.	strings concatenated with "\n"
xsession.windowMa nager.bspwm.extraC onfigEarly	Like extraConfig, except commands are run at the start of the config file.	strings concatenated with "\n"
xsession.windowMa nager.bspwm.monito rs	Specifies the names of desktops to create on each monitor.	attribute set of list of string
xsession.windowMa nager.bspwm.rules	Rule configuration. The keys of the attribute set are the targets of the rules.	attribute set of (attribute set of (boolean or signed integer or floating point number or string))
xsession.windowMa nager.bspwm.rules. <name>.border	Whether the node should have border.	null or boolean
xsession.windowMa nager.bspwm.rules. <name>.center	Whether the node will be put in the center, in floating mode.	null or boolean
xsession.windowMa nager.bspwm.rules. <name>.desktop	The desktop where the rule should be applied.	null or string



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<code><name>.focus</code>	creation.	null or boolean
<code>xsession.windowManager.bspwm.rules.<name>.follow</code>	Whether focus should follow the node when it is moved.	null or boolean
<code>xsession.windowManager.bspwm.rules.<name>.hidden</code>	Whether the node should occupy any space.	null or boolean
<code>xsession.windowManager.bspwm.rules.<name>.layer</code>	The layer where a new window should spawn.	null or one of “below”, “normal”, “above”
<code>xsession.windowManager.bspwm.rules.<name>.locked</code>	Whether the node should ignore node --closemessages.	null or boolean
<code>xsession.windowManager.bspwm.rules.<name>.manage</code>	Whether the window should be managed by bspwm. If false, the window will be ignored by bspwm entirely. This is useful for overlay apps, e.g. screenshot tools.	null or boolean
<code>xsession.windowManager.bspwm.rules.<name>.marked</code>	Whether the node will be marked for deferred actions.	null or boolean
<code>xsession.windowManager.bspwm.rules.<name>.monitor</code>	The monitor where the rule should be applied.	null or string
<code>xsession.windowManager.bspwm.rules.<name>.node</code>	The node where the rule should be applied.	null or string
<code>xsession.windowManager.bspwm.rules.<name>.private</code>	Whether the node should stay in the same tiling position and size.	null or boolean



Home Manager OPTION SEARCH		
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<name>.rectangle	format WxH+X+Y.	Last update: December 15, 2023 at 4:25 UTC
xsession.windowManager.bspwm.rules.<name>.splitDir	The direction where the container is going to be split.	null or one of “north”, “west”, “south”, “east”
xsession.windowManager.bspwm.rules.<name>.splitRatio	The ratio between the new window and the previous existing window in the desktop.	null or floating point number
xsession.windowManager.bspwm.rules.<name>.state	The state in which a new window should spawn.	null or one of “tiled”, “pseudo_tiled”, “floating”, “fullscreen”
xsession.windowManager.bspwm.rules.<name>.sticky	Whether the node should stay on the focused desktop.	null or boolean
xsession.windowManager.bspwm.settings	General settings given to bspc config.	attribute set of (boolean or signed integer or floating point number or string or list of (boolean or signed integer or floating point number or string))
xsession.windowManager.bspwm.startup Programs	Programs to be executed during startup.	list of string
xsession.windowManager.command	Command to use to start the window manager.	string
xsession.windowManager.fluxbox.enable	Whether to enable Fluxbox window manager.	boolean
xsession.windowManager.fluxbox.package	The fluxbox package to use.	package

Option	Description	Example	Notes
xsession.windowManager.fluxbox.extraCommandLineArgs	Extra command line arguments to pass to fluxbox. Look at thefluxbox(1) manpage for details.	strings concatenated with "\n"	Last update: December 15, 2023 at 4:25 UTC /home-m: sear
xsession.windowManager.fluxbox.init	Init configuration for Fluxbox, written to ~/.fluxbox/init. Look at thefluxbox(1) manpage for details.	strings concatenated with "\n"	
xsession.windowManager.fluxbox.keys	Keyboard shortcuts configuration for Fluxbox, written to ~/.fluxbox/keys. Look at thefluxbox-keys(1) manpage for details.	strings concatenated with "\n"	
xsession.windowManager.fluxbox.menu	Menu configuration for Fluxbox, written to ~/.fluxbox/menu. Look at thefluxbox-menu(1) manpage for details.	strings concatenated with "\n"	
xsession.windowManager.fluxbox.slitlist	Slitlist configuration for Fluxbox, written to ~/.fluxbox/slitlist. Look at thefluxbox(1) manpage for details.	strings concatenated with "\n"	
xsession.windowManager.fluxbox.windowmenu	Window menu configuration for Fluxbox, written to ~/.fluxbox/windowmenu. Look at thefluxbox-menu(1) manpage for details.	strings concatenated with "\n"	

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nable	manager.	Last update: December 15, 2023 at 4:25 UTC
xsession.windowMa nager.herbstluftwm.p ackage	Package providing the herbstluftwm and herbstclient commands.	package
xsession.windowMa nager.herbstluftwm.e xtraConfig	Extra configuration lines to add verbatim to \$XDG_CONFIG_H HOME/herbstluftwm /autostart.	strings concatenated with "\n"
xsession.windowMa nager.herbstluftwm.k eybinds	Herbstluftwm keybinds.	attribute set of string
xsession.windowMa nager.herbstluftwm. mousebinds	Herbstluftwm mousebinds.	attribute set of string
xsession.windowMa nager.herbstluftwm.r ules	Herbstluftwm rules.	list of string
xsession.windowMa nager.herbstluftwm.s ettings	Herbstluftwm settings.	attribute set of (boolean or signed integer or string)
xsession.windowMa nager.herbstluftwm.t ags	Tags to create on startup.	list of string
xsession.windowMa nager.i3.enable	Whether to enable i3 window manager.	boolean
xsession.windowMa nager.i3.package	The i3 package to use.	package
xsession.windowMa nager.i3.config	i3 configuration options.	null or (submodule)
xsession.windowMa nager.i3.config.assig ns	An attribute set that assigns applications to workspaces based on criteria.	attribute set of list of attribute set of (string or boolean)

Home Manager OPTION SEARCH (submodule)			/mip
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	list to remove bars completely.		search
xsession.windowManager.i3.config.bars.*.colors	Bar color settings. All color classes can be specified using submodules with 'border', 'background', 'text', fields and RGB color hex-codes as values. See default values for the reference. Note that 'background', 'status', and 'separator' parameters take a single RGB value.	submodule	
xsession.windowManager.i3.config.bars.*.colors.activeWorkspace	Border, background and text color for a workspace button when the workspace is active.	null or (submodule)	
xsession.windowManager.i3.config.bars.*.colors.background	Background color of the bar.	null or string	
xsession.windowManager.i3.config.bars.*.colors.bindingMode	Border, background and text color for the binding mode indicator	null or (submodule)	
xsession.windowManager.i3.config.bars.*.colors.focusedBackground	Background color of the bar on the currently focused monitor output.	null or string	
xsession.windowManager.i3.config.bars.*.colors.focusedSeparator	Text color to be used for the separator on the currently focused monitor output.	null or string	



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`*.colors.focusedStatusline` the currently focused monitor output.

`xsession.windowManager.i3.config.bars.*.colors.focusedWorkspace` Border, background and text color for a workspace button when the workspace has focus.

`xsession.windowManager.i3.config.bars.*.colors.inactiveWorkspace` Border, background and text color for a workspace button when the workspace does not have focus and is not active.

`xsession.windowManager.i3.config.bars.*.colors.separator` Text color to be used for the separator.

`xsession.windowManager.i3.config.bars.*.colors.statusline` Text color to be used for the statusline.

`xsession.windowManager.i3.config.bars.*.colors.urgentWorkspaces` Border, background and text color for a workspace button when the workspace contains a window with the urgency hint set.

`xsession.windowManager.i3.config.bars.*.command` Command that will be used to start a bar.

`xsession.windowManager.i3.config.bars.*.extraConfig` Extra configuration lines for this bar.



`xsession.windowManager.i3.config.bars.*.fonts` Font configuration for this bar.

`xsession.windowManager.i3.config.bars.*.hiddenState` The default bar mode when 'bar.mode' == 'hide'.

null or one of "hide",
"show"



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*.id

bar instance. If this option is missing, the ID is set to bar-x, where x corresponds to the position of the embedding bar block in the config file.

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xsession.windowManager.i3.config.bars.

Bar visibility mode. null or one of “dock”, “hide”, “invisible”

*.mode

xsession.windowManager.i3.config.bars.

The edge of the screen i3bar should null or one of “top”, “bottom”

*.position

show up.

xsession.windowManager.i3.config.bars.

Command that will be used to get status lines.

null or string

*.statusCommand

xsession.windowManager.i3.config.bars.

Where to output tray. null or string

*.trayOutput

xsession.windowManager.i3.config.bars.

Sets the pixel padding of the system tray. This padding will surround the tray on all sides and between each item.

null or signed integer

*.trayPadding

xsession.windowManager.i3.config.bars.

Whether workspace buttons should be null or boolean

*.workspaceButtons

shown or not.

xsession.windowManager.i3.config.bars.

Whether workspace numbers should be null or boolean

*.workspaceNumber
s

displayed within the workspace buttons.



Home Manager OPTION SEARCH module		
<code>s</code>	specified using submodules with 'border', 'background', 'text', 'indicator' and 'childBorder' fields and RGB color hex-codes as values. See default values for the reference. Note that 'i3.config.colors.background' parameter takes a single RGB value.	/mip communi man /home-m: sear
<code>xsession.windowManager.i3.config.colors.background</code>	Background color of the window. Only applications which do not cover the whole area expose the color.	string
<code>xsession.windowManager.i3.config.colors.focused</code>	A window which currently has the focus.	submodule
<code>xsession.windowManager.i3.config.colors.focusedInactive</code>	A window which is the focused one of its container, but it does not have the focus at the moment.	submodule
<code>xsession.windowManager.i3.config.colors.placeholder</code>	Background and text color are used to draw placeholder window contents (when restoring layouts). Border and indicator are ignored.	submodule
<code>xsession.windowManager.i3.config.colors.unfocused</code>	A window which is not focused.	submodule



Home Manager OPTION SEARCH module		
s.urgent	activated.	Last update: December 15, 2023 at 4:25 UTC
xsession.windowManager.i3.config.defaultWorkspace	The default workspace to show when i3 is launched. This must correspond to the value of the keybinding of the default workspace.	null or string
xsession.windowManager.i3.config.floating	Floating window settings.	submodule
xsession.windowManager.i3.config.floating.border	Floating windows border width.	signed integer
xsession.windowManager.i3.config.floating.criteria	List of criteria for windows that should be opened in a floating mode.	list of attribute set of (string or boolean)
xsession.windowManager.i3.config.floating.modifier	Modifier key or keys that can be used to drag floating windows.	string
xsession.windowManager.i3.config.floating.titlebar	Whether to show floating window titlebars.	boolean
xsession.windowManager.i3.config.focus	Focus related settings.	submodule
xsession.windowManager.i3.config.focus.followMouse	Whether focus should follow the mouse.	boolean
xsession.windowManager.i3.config.focus.forceWrapping	Whether to force focus wrapping in tabbed or stacked containers.	boolean

Home Manager OPTION SEARCH <small>(./)</small>		
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.mouseWarping	warped to the center of the window when switching focus to a window on a different output.	/mip communi man sear
xsession.windowManager.i3.config.focus.newWindow	This option modifies focus behavior on new window activation.	one of “smart”, “urgent”, “focus”, “none”
xsession.windowManager.i3.config.focus.wrapping	Whether the window focus commands automatically wrap around the edge of containers.	one of “yes”, “no”, “force”, “workspace”
xsession.windowManager.i3.config.fonts	Font configuration for window titles, nagbar...	(list of string) or (submodule)
xsession.windowManager.i3.config.gaps	Gaps related settings.	null or (submodule)
xsession.windowManager.i3.config.gaps.bottom	Bottom gaps value.	null or signed integer
xsession.windowManager.i3.config.gaps.horizontal	Horizontal gaps value.	null or signed integer
xsession.windowManager.i3.config.gaps.inner	Inner gaps value.	null or signed integer
xsession.windowManager.i3.config.gaps.left	Left gaps value.	null or signed integer
xsession.windowManager.i3.config.gaps.outer	Outer gaps value.	null or signed integer
xsession.windowManager.i3.config.gaps.right	Right gaps value.	null or signed integer

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smartBorders	container borders on workspace with a single container.	of "on", "off", gaps
xsession.windowManager.i3.config.gaps.smartGaps	This option controls whether to disable all gaps (outer and inner) on workspace with a single container.	boolean
xsession.windowManager.i3.config.gaps.top	Top gaps value.	null or signed integer
xsession.windowManager.i3.config.gaps.vertical	Vertical gaps value.	null or signed integer
xsession.windowManager.i3.config.keybindings	An attribute set that assigns a key press to an action using a key symbol. See https://i3wm.org/docs/userguide.html#keybindings .	attribute set of (null or string)
xsession.windowManager.i3.config.keycodes	An attribute set that assigns keypress to an action using key code. See https://i3wm.org/docs/userguide.html#keybindings .	attribute set of (null or string)
xsession.windowManager.i3.config.menu	Default launcher to use.	string
xsession.windowManager.i3.config.modes	An attribute set that defines binding modes and keybindings inside them	attribute set of attribute set of string

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fier	keybindings.	of "Shift", control", "Mod1", "Mod2", "Mod3", "Mod4", "Mod5"	communi man /home-m:
xsession.windowMa nager.i3.config.startu p	Commands that should be executed at startup.	list of (submodule)	sear
xsession.windowMa nager.i3.config.startu p.*.always	Whether to run command on each i3 restart.	boolean	
xsession.windowMa nager.i3.config.startu p.*.command	Command that will be executed on startup.	string	
xsession.windowMa nager.i3.config.startu p.*.notification	Whether to enable startup-notification support for the command. See --no- startup-id option description in the i3 user guide.	boolean	
xsession.windowMa nager.i3.config.startu p.*.workspace	Launch application on a particular workspace. DEPRECATED: Use xsession.windowMa nager.i3.config.assig nsinstead. See <a href="https://github.com
/nix-community
/home-manager
/issues/265">https://github.com /nix-community /home-manager /issues/265 .	null or string	
xsession.windowMa nager.i3.config.termin al	Default terminal to run.	string	
xsession.windowMa nager.i3.config.wind ow	Window titlebar and border settings.	submodule	
xsession.windowMa nager.i3.config.wind ow.border	Window border width.	signed integer	

Home Manager OPTION SEARCH (submodule) (.)			/mip communi man /home-m: sear
ow.commands	executed on specific windows. See for_window i3wm option documentation.		Last update: December 15, 2023 at 4:25 UTC
xsession.windowManager.i3.config.window	i3wm command to execute.	string	
ow.commands.*.command			
xsession.windowManager.i3.config.window	Criteria of the windows on which	attribute set of (string or boolean)	
ow.commands.*.criteria	command should be executed.		
xsession.windowManager.i3.config.window	Hide window borders adjacent to	one of “none”, “vertical”, “horizontal”, “both”, “smart”	
ow.hideEdgeBorders	the screen edges.		
xsession.windowManager.i3.config.window	Whether to show window titlebars.	boolean	
ow.titlebar			
xsession.windowManager.i3.config.workspaceAutoBackAndForward	Assume you are on workspace “1: www” and switch to “2: IM” using mod+2 because somebody sent you a message. You don’t need to remember where you came from now, you can just press \$mod+2 again to switch back to “1: www”.	boolean	
xsession.windowManager.i3.config.workspaceLayout	The mode in which new containers on workspace level will start.	one of “default”, “stacking”, “tabbed”	

Home Manager OPTION SEARCH (submodule) (.)			/mip communi man /home-m: sear
spaceOutputAssign			Last update: December 15, 2023 at 4:25 UTC
xsession.windowManager.i3.config.workspaceOutputAssign.*.output	Name(s) of the output(s) from i3-spaceOutputAssign. msg -t get_outputs . *.output	string or list of string	
xsession.windowManager.i3.config.workspace	Name of the workspace to assign.	string	
xsession.windowManager.i3.extraConfig	Extra configuration lines to add to ~/.config/i3/config.	strings concatenated with "\n"	
xsession.windowManager.spectrwm.enabled	Whether to enable Spectrwm window manager.	boolean	
xsession.windowManager.spectrwm.package	Package providing the spectrwm command.	package	
xsession.windowManager.spectrwm.bindings	Spectrwm keybindings.	attribute set of string	
xsession.windowManager.spectrwm.programs	Spectrwm programs variables.	attribute set of string	
xsession.windowManager.spectrwm.quickstarts	Spectrwm quicks (custom window rules).	attribute set of string	
xsession.windowManager.spectrwm.settings	Spectrwm settings.	attribute set of (boolean or signed integer or string)	
xsession.windowManager.spectrwm.unbindings	List of keybindings to disable from default Spectrwm configuration.	list of string	
xsession.windowManager.xmonad.enabled	Whether to enable xmonad window manager.	boolean	

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xsession.windowManager.xmonad.config	The configuration file to be used for xmonad. This must be an absolute path or null in which case <code>~/.xmonad/xmonad.hs</code> will not be managed by Home Manager.	null or path	Last update: December 15, 2023 at 4:25 UTC
xsession.windowManager.xmonad.extra Packages	Extra packages available to GHC when rebuilding xmonad. The value must be a function which receives the attribute <code>setDefinedIn haskellPackages</code> as the sole argument.	unspecified value	
xsession.windowManager.xmonad.haskellPackages	The <code>haskellPackages</code> used to build xmonad and other packages. This can be used to change the GHC version used to build xmonad and the packages listed in <code>extraPackages</code> .	unspecified value	
xsession.windowManager.xmonad.libFile	Additional files that will be saved in <code>~/.xmonad/lib/</code> and included in the configuration build. The keys are the file names while the values are paths to the contents of the files.	attribute set of path	



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