

zinit-autoload.zsh(1)

NAME

zinit-autoload.zsh - a shell script

SYNOPSIS

Documentation automatically generated with `zshelldoc`

FUNCTIONS

```
_zi::any-to-uspl2
_zi::at-eval
_zi::build-module
_zi::cd
_zi::cdisable
_zi::cenable
_zi::changes
_zi::check-comp-consistency
_zi::check-which-completions-are-enabled
_zi::check-which-completions-are-installed
_zi::clear-completions
_zi::clear-report-for
_zi::compile-uncompile-all
_zi::compiled
_zi::confirm
_zi::create
_zi::delete
_zi::diff-env-compute
_zi::diff-functions-compute
_zi::diff-options-compute
_zi::diff-parameter-compute
_zi::edit
_zi::exists-message
_zi::find-completions-of-plugin
_zi::format-env
_zi::format-functions
_zi::format-options
_zi::format-parameter
_zi::get-completion-owner
_zi::get-completion-owner-uspl2col
_zi::get-path
_zi::glance
_zi::help
_zi::list-bindkeys
```

```
_zi::list-compdef-replay
_zi::ls
_zi::module
_zi::pager
_zi::prepare-readlink
_zi::recall
_zi::recently
_zi::restore-extendedglob
_zi::run-delete-hooks
_zi::save-set-extendedglob
_zi::search-completions
_zi::self-update
_zi::show-all-reports
_zi::show-completions
_zi::show-debug-report
_zi::show-registered-plugins
_zi::show-report
_zi::show-times
_zi::show-zstatus
_zi::stress
_zi::uncompile-plugin
_zi::uninstall-completions
_zi::unload
_zi::unregister-plugin
_zi::update-all-parallel
_zi::update-or-status
_zi::update-or-status-all
_zi::update-or-status-snippet
_zi::wait-for-update-jobs
```

DETAILS

Script Body

Has 5 line(s). No functions are called (may set up e.g. a hook, a Zle widget bound to a key, etc.).

Uses feature(s): *source*

`_zi::any-to-uspl2`

Converts given plugin-spec to format that's used in keys for hash tables.
So basically, creates string "user/plugin" (this format is called: uspl2).

\$1 - plugin spec (4 formats: user---plugin, user/plugin, user, plugin)
\$2 - (optional) plugin (only when \$1 - i.e. user - given)

Has 2 line(s). Calls functions:

```
_zi::any-to-uspl2  
'-- zinit.zsh/_zi::any-to-user-plugin
```

Called by:

```
_zi::clear-report-for  
_zi::exists-message
```

_zi::at-eval

Has 5 line(s). Calls functions:

```
_zi::at-eval  
'-- zinit.zsh/@zi::substitute
```

Uses feature(s): *eval*

Not called by script or any function (may be e.g. a hook, a Zle widget, etc.).

_zi::build-module

Performs `./configure && make` on the module and displays information how to load the module in `.zshrc`.

Has 39 line(s). Calls functions:

```
_zi::build-module  
|-- _zi::module  
'-- zinit.zsh/+zi::message
```

Uses feature(s): *setopt*, *trap*

Called by:

```
_zi::module
```

_zi::cd

Jumps to plugin's directory (in Zinit's home directory).

User-action entry point.

\$1 - plugin spec (4 formats: user---plugin, user/plugin, user, plugin)
\$2 - plugin (only when \$1 - i.e. user - given)

Has 15 line(s). Calls functions:

```
_zi::cd  
|-- _zi::get-path  
|   '-- zinit.zsh/_zi::get-object-path  
'-- zinit.zsh/_zi::message
```

Uses feature(s): *setopt*

Not called by script or any function (may be e.g. a hook, a Zle widget, etc.).

_zi::cdisable

Enables given installed completion.

User-action entry point.

\$1 - e.g. "_mkdir" or "mkdir"

Has 30 line(s). Calls functions:

```
_zi::cdisable  
|-- _zi::check-comp-consistency  
|-- _zi::get-completion-owner-uspl2col  
|   |-- _zi::get-completion-owner  
|   '-- zinit-side.zsh/_zi::any-colorify-as-uspl2  
'-- _zi::prepare-readlink
```

Called by:

zinit.zsh/zinit

`_zi::cenable`

Disables given installed completion.

User-action entry point.

\$1 - e.g. `"_mkdir"` or `"mkdir"`

Has 31 line(s). Calls functions:

```
_zi::cenable
|-- _zi::check-comp-consistency
|-- _zi::get-completion-owner-uspl2col
|   |-- _zi::get-completion-owner
|   `-- zinit-side.zsh/_zi::any-colorify-as-uspl2
`-- _zi::prepare-readlink
```

Called by:

`zinit.zsh/zinit`

`_zi::changes`

Shows ``git log`` of given plugin.

User-action entry point.

\$1 - plugin spec (4 formats: `user---plugin`, `user/plugin`, `user`, `plugin`)
\$2 - plugin (only when \$1 - i.e. `user` - given)

Has 9 line(s). Calls functions:

```
_zi::changes
|-- zinit-side.zsh/_zi::exists-physically-message
`-- zinit.zsh/_zi::any-to-user-plugin
```

Not called by script or any function (may be e.g. a hook, a Zle widget, etc.).

`_zi::check-comp-consistency`

Zinit creates symlink for each installed completion.
This function checks whether given completion (i.e. file like `_mkdir`) is indeed a symlink. Backup file is a completion that is disabled - has the leading `_` removed.

`$1` - path to completion within plugin's directory
`$2` - path to backup file within plugin's directory

Has 11 line(s). Doesn't call other functions.

Called by:

`_zi::cdisable`
`_zi::cenable`

`_zi::check-which-completions-are-enabled`

For each argument that each should be a path to completion within a plugin's dir, it checks whether that completion is disabled - returns 0 or 1 on corresponding positions in reply.

Uninstalled completions will be reported as "0"
- i.e. disabled

`$1, ...` - path to completion within plugin's directory

Has 11 line(s). Doesn't call other functions.

Called by:

`_zi::show-report`

`_zi::check-which-completions-are-installed`

For each argument that each should be a path to completion within a plugin's dir, it checks whether that completion is installed - returns 0 or 1 on corresponding positions in reply.

\$1, ... - path to completion within plugin's directory

Has 12 line(s). Doesn't call other functions.

Called by:

`_zi::show-report`

`_zi::clear-completions`

Delete stray and improper completions.

Completions live even when plugin isn't loaded - if they are installed and enabled.

User-action entry point.

Has 37 line(s). Calls functions:

```
_zi::clear-completions
|-- _zi::get-completion-owner
|-- _zi::prepare-readlink
`-- zinit-side.zsh/_zi::any-colorify-as-uspl2
```

Uses feature(s): *setopt*

Called by:

`zinit.zsh/_zi::prepare-home`
`zinit.zsh/zinit`

`_zi::clear-report-for`

Clears all report data for given user/plugin. This is done by resetting all related global ZINIT_* hashes.

\$1 - plugin spec (4 formats: user---plugin, user/plugin, user, plugin)
\$2 - (optional) plugin (only when \$1 - i.e. user - given)

Has 23 line(s). Calls functions:

```
_zi::clear-report-for  
'-- _zi::any-to-uspl2  
  '-- zinit.zsh/_zi::any-to-user-plugin
```

Called by:

```
_zi::unload  
zinit-additional.zsh/_zi::clear-debug-report
```

_zi::compile-uncompile-all

Compiles or uncompiles all existing (on disk) plugins.

User-action entry point.

Has 23 line(s). Calls functions:

```
_zi::compile-uncompile-all  
|-- _zi::uncompile-plugin  
|   |-- zinit-side.zsh/_zi::any-colorify-as-uspl2  
|   '-- zinit.zsh/_zi::any-to-user-plugin  
|-- zinit-install.zsh/_zi::compile-plugin  
|-- zinit-side.zsh/_zi::any-colorify-as-uspl2  
'-- zinit.zsh/_zi::any-to-user-plugin
```

Uses feature(s): *setopt*

Called by:

```
zinit.zsh/zinit
```


zi::compiled

Displays list of plugins that are compiled.

User-action entry point.

Has 26 line(s). Calls functions:

```
_zi::compiled
|-- zinit-side.zsh/_zi::any-colorify-as-uspl2
`-- zinit.zsh/_zi::any-to-user-plugin
```

Uses feature(s): *setopt*

Called by:

```
zinit.zsh/zinit
```

zi::confirm

Prints given question, waits for "y" key, evals given expression if "y" obtained

\$1 - question
\$2 - expression

Has 22 line(s). Doesn't call other functions.

Uses feature(s): *eval*, *read*

Called by:

```
_zi::delete
```

zi::create

Creates a plugin, also on Github (if not "_local/name" plugin).

User-action entry point.

\$1 - (optional) plugin spec (4 formats: user---plugin, user/plugin, user, plugin)
\$2 - (optional) plugin (only when \$1 - i.e. user - given)

Has 103 line(s). Calls functions:

```
_zi::create  
|-- zinit-side.zsh/_zi::any-colorify-as-uspl2  
|-- zinit-side.zsh/_zi::exists-physically  
'-- zinit.zsh/_zi::any-to-user-plugin
```

Uses feature(s): *autoload*, *setopt*, *vared*

Not called by script or any function (may be e.g. a hook, a Zle widget, etc.).

_zi::delete

Deletes plugin's or snippet's directory (in Zinit's home directory).

User-action entry point.

\$1 - snippet URL or plugin spec (4 formats: user---plugin, user/plugin, user, plugin)
\$2 - plugin (only when \$1 - i.e. user - given)

Has 99 line(s). Calls functions:

```
_zi::delete  
|-- _zi::confirm  
|-- zinit-side.zsh/_zi::compute-ice  
|-- zinit.zsh/+zi::prehelp-usage-message  
|-- zinit.zsh/_zi::any-to-user-plugin  
'-- zinit.zsh/_zi::parse-opts
```

Uses feature(s): *setopt*

Not called by script or any function (may be e.g. a hook, a Zle widget, etc.).

zi::diff-env-compute

Computes ZINIT_PATH, ZINIT_FPATH that hold (f)path components added by plugin. Uses data gathered earlier by `_zi::diff-env()`.

\$1 - user/plugin

Has 30 line(s). Doesn't call other functions.

Uses feature(s): *setopt*

Called by:

```
_zi::show-report  
_zi::unload
```

zi::diff-functions-compute

Computes FUNCTIONS that holds new functions added by plugin. Uses data gathered earlier by `_zi::diff-functions()`.

\$1 - user/plugin

Has 19 line(s). Doesn't call other functions.

Uses feature(s): *setopt*

Called by:

```
_zi::show-report  
_zi::unload
```

zi::diff-options-compute

Computes OPTIONS that holds options changed by plugin. Uses data gathered earlier by `_zi::diff-options()`.

\$1 - user/plugin

Has 17 line(s). Doesn't call other functions.

Uses feature(s): *setopt*

Called by:

```
_zi::show-report  
_zi::unload
```

_zi::diff-parameter-compute

Computes ZINIT_PARAMETERS_PRE, ZINIT_PARAMETERS_POST that hold parameters created or changed (their type) by plugin. Uses data gathered earlier by `_zi::diff-parameter()`.

\$1 - user/plugin

Has 28 line(s). Doesn't call other functions.

Uses feature(s): *setopt*

Called by:

```
_zi::show-report  
_zi::unload
```

_zi::edit

Runs \$EDITOR on source of given plugin. If the variable is not set then defaults to 'vim'.

User-action entry point.

\$1 - plugin spec (4 formats: user---plugin, user/plugin, user, plugin)
\$2 - plugin (only when \$1 - i.e. user - given)

Has 22 line(s). Calls functions:

```
_zi::edit
`-- zinit-side.zsh/_zi::compute-ice
```

Not called by script or any function (may be e.g. a hook, a Zle widget, etc.).

`_zi::exists-message`

Checks if plugin is loaded. Testable. Also outputs error message if plugin is not loaded.

\$1 - plugin spec (4 formats: user---plugin, user/plugin, user, plugin)
\$2 - (optional) plugin (only when \$1 - i.e. user - given)

Has 7 line(s). Calls functions:

```
_zi::exists-message
|-- _zi::any-to-uspl2
| `-- zinit.zsh/_zi::any-to-user-plugin
`-- zinit-side.zsh/_zi::any-colorify-as-uspl2
```

Called by:

```
_zi::show-report
_zi::unload
```

`_zi::find-completions-of-plugin`

Searches for completions owned by given plugin.
Returns them in 'reply' array.

\$1 - plugin spec (4 formats: user---plugin, user/plugin, user, plugin)
\$2 - plugin (only when \$1 - i.e. user - given)

Has 6 line(s). Calls functions:

```
_zi::find-completions-of-plugin
`-- zinit.zsh/_zi::any-to-user-plugin
```

Uses feature(s): *setopt*

Called by:

```
_zi::show-report
```

zi::format-env

Creates one-column text about FPATH or PATH elements added when given plugin was loaded.

\$1 - user/plugin (i.e. uspl2 format of plugin-spec)
\$2 - if 1, then examine PATH, if 2, then examine FPATH

Has 16 line(s). Doesn't call other functions.

Called by:

```
_zi::show-report
```

zi::format-functions

Creates a one or two columns text with functions created by given plugin.

\$1 - user/plugin (i.e. uspl2 format of plugin-spec)

Has 36 line(s). Doesn't call other functions.

Called by:

```
_zi::show-report
```

zi::format-options

Creates one-column text about options that changed when plugin "\$1" was loaded.

\$1 - user/plugin (i.e. uspl2 format of plugin-spec)

Has 21 line(s). Calls functions:

```
_zi::format-options  
|-- _zi::restore-extendedglob  
'-- _zi::save-set-extendedglob
```

Called by:

```
_zi::show-report
```

`_zi::format-parameter`

Creates one column text that lists global parameters that changed when the given plugin was loaded.

\$1 - user/plugin (i.e. uspl2 format of plugin-spec)

Has 35 line(s). Doesn't call other functions.

Uses feature(s): *setopt*

Called by:

```
_zi::show-report
```

`_zi::get-completion-owner`

Returns "user---plugin" string (uspl1 format) of plugin that owns given completion.

Both :A and readlink will be used, then readlink's output if results differ. Readlink might not be available.

:A will read the link "twice" and give the final repository directory, possibly without username in the uspl format; readlink will read the link "once"

\$1 - absolute path to completion file (in COMPLETIONS_DIR)
\$2 - readlink command (":" or "readlink")

Has 22 line(s). Doesn't call other functions.

Uses feature(s): *setopt*

Called by:

```
_zi::clear-completions  
_zi::get-completion-owner-uspl2col  
_zi::show-completions
```

`_zi::get-completion-owner-uspl2col`

For shortening of code - returns colorized plugin name that owns given completion.

\$1 - absolute path to completion file (in COMPLETIONS_DIR)
\$2 - readlink command (":" or "readlink")

Has 2 line(s). Calls functions:

```
_zi::get-completion-owner-uspl2col  
|-- _zi::get-completion-owner  
'-- zinit-side.zsh/_zi::any-colorify-as-uspl2
```

Called by:


```
_zi::cdisable  
_zi::cenable
```

`_zi::get-path`

Returns path of given ID-string, which may be a plugin-spec (like "user/plugin" or "user" "plugin"), an absolute path ("%"/home/..." and also "%SNIPPETS/..." etc.), or a plugin nickname (i.e. id-as' ice-mod), or a snippet nickname.

Has 8 line(s). Calls functions:

```
_zi::get-path  
'-- zinit.zsh/_zi::get-object-path
```

Uses feature(s): *setopt*

Called by:

```
_zi::cd  
_zi::uninstall-completions
```

`_zi::glance`

Shows colorized source code of plugin. Is able to use pygmentize, highlight, GNU source-highlight.

User-action entry point.

\$1 - plugin spec (4 formats: user---plugin, user/plugin, user, plugin)
\$2 - plugin (only when \$1 - i.e. user - given)

Has 39 line(s). Calls functions:

```
_zi::glance  
|-- _zi::pager  
|-- zinit-side.zsh/_zi::exists-physically-message  
|-- zinit-side.zsh/_zi::first  
'-- zinit.zsh/_zi::any-to-user-plugin
```

Not called by script or any function (may be e.g. a hook, a Zle widget, etc.).

`_zi::help`

Shows usage information.

User-action entry point.

Has 66 line(s). Doesn't call other functions.

Called by:

`zinit.zsh/zinit`

`_zi::list-bindkeys`

Has 44 line(s). Calls functions:

```
_zi::list-bindkeys
`-- zinit-side.zsh/_zi::any-colorify-as-uspl2
```

Called by:

`zinit.zsh/zinit`

`_zi::list-compdef-replay`

Shows recorded compdefs (called by plugins loaded earlier).
Plugins often call 'compdef' hoping for 'compinit' being
already ran. Zinit solves this by recording compdefs.

User-action entry point.

Has 5 line(s). Doesn't call other functions.

Called by:

`zinit.zsh/zinit`

`_zi::ls`

Has 20 line(s). Doesn't call other functions.

Uses feature(s): *setopt*

Called by:

```
zinit.zsh/zinit
```

`_zi::module`

Function that has sub-commands passed as long-options (with two dashes, --).
It's an attempt to plugin only this one function into 'zinit' function defined in zinit.zsh, to not make this file longer than it's needed.

Has 24 line(s). Calls functions:

```
_zi::module
\-- _zi::build-module
    \-- zinit.zsh/+zi::message
```

Called by:

```
_zi::build-module
zinit.zsh/Script-Body
zinit.zsh/zinit
```

`_zi::pager`

BusyBox less lacks the -X and -i options, so it can use more

Has 14 line(s). Doesn't call other functions.

Uses feature(s): *setopt*

Called by:

```
_zi::glance
_zi::self-update
_zi::update-or-status
```

`_zi::prepare-readlink`

Prepares readlink command, used for establishing completion's owner.

`$REPLY = ":" or "readlink"`

Has 4 line(s). Doesn't call other functions.

Uses feature(s): *type*

Called by:

```
_zi::cdisable  
_zi::cenable  
_zi::clear-completions  
_zi::show-completions
```

`_zi::recall`

Has 38 line(s). Calls functions:

```
_zi::recall  
|-- zinit-side.zsh/_zi::compute-ice  
'-- zinit.zsh/+zi::deploy-message
```

Uses feature(s): *setopt*

Not called by script or any function (may be e.g. a hook, a Zle widget, etc.).

`_zi::recently`

Shows plugins that obtained commits in specified past time.

User-action entry point.

`$1` - time spec, e.g. "1 week"

Has 28 line(s). Calls functions:

```
_zi::recently
`-- zinit-side.zsh/_zi::any-colorify-as-uspl2
```

Uses feature(s): *setopt*

Called by:

```
zinit.zsh/zinit
```

_zi::restore-extendedglob

Restores extendedglob-option from state saved earlier.

Has 1 line(s). Doesn't call other functions.

Uses feature(s): *setopt*

Called by:

```
_zi::format-options
_zi::unload
```

_zi::run-delete-hooks

Has 17 line(s). Calls functions:

```
_zi::run-delete-hooks
`-- zinit-side.zsh/_zi::countdown
```

Uses feature(s): *eval*

Not called by script or any function (may be e.g. a hook, a Zle widget, etc.).

_zi::save-set-extendedglob

Enables extendedglob-option first saving if it was already enabled, for restoration of this state later.

Has 2 line(s). Doesn't call other functions.

Uses feature(s): *setopt*

Called by:

```
_zi::format-options  
_zi::unload
```

`_zi::search-completions`

While `_zi::show-completions()` shows what completions are installed, this functions searches through all plugin dirs showing what's available in general (for installation).

User-action entry point.

Has 43 line(s). Calls functions:

```
_zi::search-completions  
'-- zinit-side.zsh/_zi::any-colorify-as-uspl2
```

Uses feature(s): *setopt*

Called by:

```
zinit.zsh/zinit
```

`_zi::self-update`

Updates Zinit code (does a git pull)

Has 42 line(s). Calls functions:

```
_zi::self-update  
|-- _zi::pager  
|-- zinit.zsh/+zi::message  
'-- zinit.zsh/_zi::get-mtime-into
```

Uses feature(s): *setopt, source, zcompile*

Called by:

```
_zi::update-or-status-all
zinit.zsh/zinit
```

zi::show-all-reports

Displays reports of all loaded plugins.

User-action entry point.

Has 5 line(s). Calls functions:

```
_zi::show-all-reports
`-- _zi::show-report
    |-- _zi::check-which-completions-are-enabled
    |-- _zi::check-which-completions-are-installed
    |-- _zi::diff-env-compute
    |-- _zi::diff-functions-compute
    |-- _zi::diff-options-compute
    |-- _zi::diff-parameter-compute
    |-- _zi::exists-message
    |   |-- _zi::any-to-uspl2
    |   |   `-- zinit.zsh/_zi::any-to-user-plugin
    |   `-- zinit-side.zsh/_zi::any-colorify-as-uspl2
    |-- _zi::find-completions-of-plugin
    |   `-- zinit.zsh/_zi::any-to-user-plugin
    |-- _zi::format-env
    |-- _zi::format-functions
    |-- _zi::format-options
    |   |-- _zi::restore-extendedglob
    |   `-- _zi::save-set-extendedglob
    |-- _zi::format-parameter
    `-- zinit.zsh/_zi::any-to-user-plugin
```

Called by:

```
zinit.zsh/zinit
```

zi::show-completions

Display installed (enabled and disabled), completions. Detect stray and improper ones.

Completions live even when plugin isn't loaded - if they are installed and enabled.

User-action entry point.

Has 72 line(s). Calls functions:

```
_zi::show-completions  
|-- _zi::get-completion-owner  
|-- _zi::prepare-readlink  
'-- zinit-side.zsh/_zi::any-colorify-as-uspl2
```

Uses feature(s): *setopt*

Called by:

zinit.zsh/zinit

`_zi::show-debug-report`

Displays dtrace report (data recorded in interactive session).

User-action entry point.

Has 1 line(s). Calls functions:


```

_zi::show-debug-report
`-- _zi::show-report
    |-- _zi::check-which-completions-are-enabled
    |-- _zi::check-which-completions-are-installed
    |-- _zi::diff-env-compute
    |-- _zi::diff-functions-compute
    |-- _zi::diff-options-compute
    |-- _zi::diff-parameter-compute
    |-- _zi::exists-message
    |   |-- _zi::any-to-uspl2
    |   |   `-- zinit.zsh/_zi::any-to-user-plugin
    |   `-- zinit-side.zsh/_zi::any-colorify-as-uspl2
    |-- _zi::find-completions-of-plugin
    |   `-- zinit.zsh/_zi::any-to-user-plugin
    |-- _zi::format-env
    |-- _zi::format-functions
    |-- _zi::format-options
    |   |-- _zi::restore-extendedglob
    |   `-- _zi::save-set-extendedglob
    |-- _zi::format-parameter
    `-- zinit.zsh/_zi::any-to-user-plugin

```

Called by:

```
zinit.zsh/zinit
```

`_zi::show-registered-plugins`

Lists loaded plugins (subcommands list, loaded)

Has 22 line(s). Calls functions:

```

_zi::show-registered-plugins
`-- zinit-side.zsh/_zi::any-colorify-as-uspl2

```

Uses feature(s): *setopt*

Called by:

```
zinit.zsh/zinit
```

_zi::show-report

Displays report of the plugin given.

\$1 - plugin spec (4 formats: user---plugin, user/plugin, user (+ plugin in \$2), plugin)
\$2 - plugin (only when \$1 - i.e. user - given)

Has 71 line(s). Calls functions:

```
_zi::show-report
|-- _zi::check-which-completions-are-enabled
|-- _zi::check-which-completions-are-installed
|-- _zi::diff-env-compute
|-- _zi::diff-functions-compute
|-- _zi::diff-options-compute
|-- _zi::diff-parameter-compute
|-- _zi::exists-message
|   |-- _zi::any-to-uspl2
|   |   '-- zinit.zsh/_zi::any-to-user-plugin
|   '-- zinit-side.zsh/_zi::any-colorify-as-uspl2
|-- _zi::find-completions-of-plugin
|   '-- zinit.zsh/_zi::any-to-user-plugin
|-- _zi::format-env
|-- _zi::format-functions
|-- _zi::format-options
|   |-- _zi::restore-extendedglob
|   '-- _zi::save-set-extendedglob
|-- _zi::format-parameter
'-- zinit.zsh/_zi::any-to-user-plugin
```

Uses feature(s): *setopt*

Called by:

```
_zi::show-all-reports
_zi::show-debug-report
zinit.zsh/zinit
```

_zi::show-times

Shows loading times of all loaded plugins.

User-action entry point.

Has 65 line(s). Calls functions:

```
_zi::show-times  
'-- zinit-side.zsh/_zi::any-colorify-as-uspl2
```

Uses feature(s): *setopt*

Called by:

```
zinit.zsh/zinit
```

_zi::show-zstatus

Shows Zinit status, i.e. number of loaded plugins, of available completions, etc.

User-action entry point.

Has 47 line(s). Calls functions:

```
_zi::show-zstatus  
'-- zinit.zsh/+zi::message
```

Uses feature(s): *setopt*

Called by:

```
zinit.zsh/zinit
```

_zi::stress

Compiles plugin with various options on and off to see how well the code is written. The options are:

NO_SHORT_LOOPS, IGNORE_BRACES, IGNORE_CLOSE_BRACES, SH_GLOB, CSH_JUNKIE_QUOTES, NO_MULTI_FUNC_DEF.

User-action entry point.

\$1 - plugin spec (4 formats: user---plugin, user/plugin, user, plugin)
\$2 - plugin (only when \$1 - i.e. user - given)

Has 38 line(s). Calls functions:

```
_zi::stress  
|-- zinit-side.zsh/_zi::exists-physically-message  
|-- zinit-side.zsh/_zi::first  
'-- zinit.zsh/_zi::any-to-user-plugin
```

Uses feature(s): *setopt, zcompile*

Not called by script or any function (may be e.g. a hook, a Zle widget, etc.).

_zi::uncompile-plugin

Uncompiles given plugin.

User-action entry point.

\$1 - plugin spec (4 formats: user---plugin, user/plugin, user (+ plugin in \$2), plugin)
\$2 - plugin (only when \$1 - i.e. user - given)

Has 22 line(s). Calls functions:

```
_zi::uncompile-plugin  
|-- zinit-side.zsh/_zi::any-colorify-as-uspl2  
'-- zinit.zsh/_zi::any-to-user-plugin
```

Uses feature(s): *setopt*

Called by:

```
_zi::compile-uncompile-all  
zinit.zsh/zinit
```

zi::uninstall-completions

Removes all completions of given plugin from Zshell (i.e. from FPATH).
The FPATH is typically `~/zinit/completions/`.

\$1 - plugin spec (4 formats: user---plugin, user/plugin, user, plugin)
\$2 - plugin (only when \$1 - i.e. user - given)

Has 46 line(s). Calls functions:

```
_zi::uninstall-completions  
|-- _zi::get-path  
|  '-- zinit.zsh/_zi::get-object-path  
|-- zinit-install.zsh/_zi::compinit  
|-- zinit-install.zsh/_zi::forget-completion  
'-- zinit.zsh/+zi::message
```

Uses feature(s): *setopt*, *source*

Called by:

```
zinit.zsh/zinit
```

zi::unload

1. call the zsh plugin's standard *_plugin_unload function
2. call the code provided by the zsh plugin's standard @zsh-plugin-run-at-update
3. delete bindkeys (...)
4. delete zstyles
5. restore options
6. remove aliases
7. restore zle state
8. unfunction functions (created by plugin)
9. clean-up fpath and path
10. delete created variables
11. forget the plugin

\$1 - plugin spec (4 formats: user---plugin, user/plugin, user, plugin)
 \$2 - plugin (only when \$1 - i.e. user - given)

Has 386 line(s). Calls functions:

```
_zi::unload
|-- _zi::clear-report-for
|   '-- _zi::any-to-uspl2
|       '-- zinit.zsh/_zi::any-to-user-plugin
|-- _zi::diff-env-compute
|-- _zi::diff-functions-compute
|-- _zi::diff-options-compute
|-- _zi::diff-parameter-compute
|-- _zi::exists-message
|   |-- _zi::any-to-uspl2
|   |   '-- zinit.zsh/_zi::any-to-user-plugin
|   '-- zinit-side.zsh/_zi::any-colorify-as-uspl2
|-- _zi::restore-extendedglob
|-- _zi::save-set-extendedglob
|-- _zi::unregister-plugin
|   '-- zinit.zsh/_zi::any-to-user-plugin
|-- zinit-additional.zsh/_zi::clear-debug-report
|-- zinit-side.zsh/_zi::any-colorify-as-uspl2
'-- zinit.zsh/_zi::any-to-user-plugin
```

Uses feature(s): *alias*, *bindkey*, *eval*, *setopt*, *unalias*, *unfunction*, *zle*, *zstyle*

Called by:

```
zinit-additional.zsh/_zi::debug-unload  
zinit.zsh/_zi::run-task  
zinit.zsh/zinit
```

`_zi::unregister-plugin`

Removes the plugin from ZINIT_REGISTERED_PLUGINS array and from the zsh_loaded_plugins array (managed according to the plugin standard)

Has 6 line(s). Calls functions:

```
_zi::unregister-plugin  
'-- zinit.zsh/_zi::any-to-user-plugin
```

Called by:

```
_zi::unload
```

`_zi::update-all-parallel`

Has 84 line(s). Calls functions:

```

_zi::update-all-parallel
|-- _zi::update-or-status
|   |-- _zi::pager
|   |-- _zi::update-or-status-snippet
|   |   |-- zinit-install.zsh/_zi::update-snippet
|   |   `-- zinit-side.zsh/_zi::compute-ice
|   |-- zinit-install.zsh/_zi::get-latest-gh-r-url-part
|   |-- zinit-install.zsh/_zi::setup-plugin-dir
|   |-- zinit-side.zsh/_zi::any-colorify-as-uspl2
|   |-- zinit-side.zsh/_zi::compute-ice
|   |-- zinit-side.zsh/_zi::exists-physically
|   |-- zinit-side.zsh/_zi::exists-physically-message
|   |-- zinit-side.zsh/_zi::store-ices
|   |-- zinit-side.zsh/_zi::two-paths
|   |-- zinit.zsh/+zi::message
|   |-- zinit.zsh/_zi::any-to-user-plugin
|   `-- zinit.zsh/_zi::set-m-func
|-- _zi::update-or-status-snippet
|   |-- zinit-install.zsh/_zi::update-snippet
|   `-- zinit-side.zsh/_zi::compute-ice
|-- _zi::wait-for-update-jobs
|   `-- zinit.zsh/+zi::message
|-- zinit-side.zsh/_zi::any-colorify-as-uspl2
|-- zinit.zsh/+zi::message
`-- zinit.zsh/_zi::any-to-user-plugin

```

Uses feature(s): *setopt*

Called by:

```
_zi::update-or-status-all
```

zi::update-or-status

Updates (git pull) or does 'git status' for given plugin.

User-action entry point.

\$1 - "status" for status, other for update
 \$2 - plugin spec (4 formats: user---plugin, user/plugin, user (+ plugin in \$2), plugin)
 \$3 - plugin (only when \$1 - i.e. user - given)

Has 325 line(s). Calls functions:


```

_zi::update-or-status
|-- _zi::pager
|-- _zi::update-or-status-snippet
|   |-- zinit-install.zsh/_zi::update-snippet
|   `-- zinit-side.zsh/_zi::compute-ice
|-- zinit-install.zsh/_zi::get-latest-gh-r-url-part
|-- zinit-install.zsh/_zi::setup-plugin-dir
|-- zinit-side.zsh/_zi::any-colorify-as-uspl2
|-- zinit-side.zsh/_zi::compute-ice
|-- zinit-side.zsh/_zi::exists-physically
|-- zinit-side.zsh/_zi::exists-physically-message
|-- zinit-side.zsh/_zi::store-ices
|-- zinit-side.zsh/_zi::two-paths
|-- zinit.zsh/+zi::message
|-- zinit.zsh/_zi::any-to-user-plugin
`-- zinit.zsh/_zi::set-m-func

```

Uses feature(s): *kill, read, setopt, source, trap, wait*

Called by:

```

_zi::update-all-parallel
_zi::update-or-status-all
zinit.zsh/zinit

```

`_zi::update-or-status-all`

Updates (git pull) or does `git status` for all existing plugins. This includes also plugins that are not loaded into Zsh (but exist on disk). Also updates (i.e. redownloads) snippets.

User-action entry point.

Has 133 line(s). Calls functions:

```

_zi::update-or-status-all
|-- _zi::self-update
|   |-- _zi::pager
|   |-- zinit.zsh/+zi::message
|   `-- zinit.zsh/_zi::get-mtime-into
|-- _zi::update-all-parallel
|   |-- _zi::update-or-status
|   |   |-- _zi::pager
|   |   `-- _zi::update-or-status-snippet

```

```

|-- zinit-install.zsh/_zi::update-snippet
|   |-- zinit-side.zsh/_zi::compute-ice
|   |-- zinit-install.zsh/_zi::get-latest-gh-r-url-part
|   |-- zinit-install.zsh/_zi::setup-plugin-dir
|   |-- zinit-side.zsh/_zi::any-colorify-as-uspl2
|   |-- zinit-side.zsh/_zi::compute-ice
|   |-- zinit-side.zsh/_zi::exists-physically
|   |-- zinit-side.zsh/_zi::exists-physically-message
|   |-- zinit-side.zsh/_zi::store-ices
|   |-- zinit-side.zsh/_zi::two-paths
|   |-- zinit.zsh/+zi::message
|   |-- zinit.zsh/_zi::any-to-user-plugin
|   |-- zinit.zsh/_zi::set-m-func
|-- _zi::update-or-status-snippet
|   |-- zinit-install.zsh/_zi::update-snippet
|   |-- zinit-side.zsh/_zi::compute-ice
|-- _zi::wait-for-update-jobs
|   |-- zinit.zsh/+zi::message
|-- zinit-side.zsh/_zi::any-colorify-as-uspl2
|-- zinit.zsh/+zi::message
|-- zinit.zsh/_zi::any-to-user-plugin
|-- _zi::update-or-status
|   |-- _zi::pager
|   |-- _zi::update-or-status-snippet
|   |-- zinit-install.zsh/_zi::update-snippet
|   |-- zinit-side.zsh/_zi::compute-ice
|-- zinit-install.zsh/_zi::get-latest-gh-r-url-part
|-- zinit-install.zsh/_zi::setup-plugin-dir
|-- zinit-side.zsh/_zi::any-colorify-as-uspl2
|-- zinit-side.zsh/_zi::compute-ice
|-- zinit-side.zsh/_zi::exists-physically
|-- zinit-side.zsh/_zi::exists-physically-message
|-- zinit-side.zsh/_zi::store-ices
|-- zinit-side.zsh/_zi::two-paths
|-- zinit.zsh/+zi::message
|-- zinit.zsh/_zi::any-to-user-plugin
|-- zinit.zsh/_zi::set-m-func
|-- _zi::update-or-status-snippet
|   |-- zinit-install.zsh/_zi::update-snippet
|   |-- zinit-side.zsh/_zi::compute-ice
|-- zinit-install.zsh/_zi::compinit
|-- zinit-side.zsh/_zi::any-colorify-as-uspl2
|-- zinit.zsh/+zi::message
|-- zinit.zsh/_zi::any-to-user-plugin
|-- zinit.zsh/_zi::get-mtime-into

```

Uses feature(s): *setopt*, *source*

Called by:

zinit.zsh/zinit

_zi::update-or-status-snippet

Implements update or status operation for snippet given by URL.

\$1 - "status" or "update"
\$2 - snippet URL

Has 34 line(s). Calls functions:

```
_zi::update-or-status-snippet
|-- zinit-install.zsh/_zi::update-snippet
`-- zinit-side.zsh/_zi::compute-ice
```

Uses feature(s): *source*

Called by:

```
_zi::update-all-parallel
_zi::update-or-status-all
_zi::update-or-status
```

_zi::wait-for-update-jobs

Has 18 line(s). Calls functions:

```
_zi::wait-for-update-jobs
`-- zinit.zsh/+zi::message
```

Uses feature(s): *wait*

Called by:

```
_zi::update-all-parallel
```