

zinit-autoload.zsh(1)

NAME

zinit-autoload.zsh - a shell script

SYNOPSIS

Documentation automatically generated with `zshelldoc`

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```

```
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```

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 `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
```