

# autoload.zsh(1)

## NAME

autoload.zsh - a shell script

## SYNOPSIS

Documentation automatically generated with `zsdoc'

## FUNCTIONS

```
.zi-analytics-menu  
.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-control-menu  
.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 4 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-analytics-menu*

~~~~~

```
FUNCTION: .zi-analytics-menu []  
Shows  ZI  analytics.
```

User-action entry point.

Has 23 line(s). Doesn't call other functions.

Called by:

```
zi.zsh/zi
```

*zi-any-to-uspl2*

~~~~~

```
FUNCTION: .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  
'-- zi.zsh/.zi-any-to-user-plugin
```

Called by:

```
.zi-clear-report-for  
.zi-exists-message
```

*zi-at-eval*

~~~~~

```
FUNCTION: .zi-at-eval []
```

Has 5 line(s). Calls functions:

```
.zi-at-eval
`-- zi.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*

~~~~~

```
FUNCTION: .zi-build-module [[]
Performs ./configure && make on the module and displays information how to load
the module in .zshrc.
```

Has 41 line(s). Calls functions:

```
.zi-build-module
`-- zi.zsh/+zi-message
```

Called by:

```
.zi-module
```

### *zi-cd*

~~~

```
FUNCTION: .zi-cd [[]
Jumps to plugin's directory (in "ZI" 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.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*

~~~~

FUNCTION: .zi-cdisable []  
Enables given installed completion.

User-action entry point.

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

Has 27 line(s). Calls functions:

.zi-cdisable

Called by:

zi.zsh/zi

### *zi-cenable*

~~~~

FUNCTION: .zi-cenable []  
Disables given installed completion.

User-action entry point.

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

Has 26 line(s). Calls functions:

.zi-cenable

Called by:

zi.zsh/zi

## zi-changes

~~~~~

```
FUNCTION: .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 6 line(s). Calls functions:

```
.zi-changes  
|-- side.zsh/.zi-exists-physically-message  
'-- zi.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

~~~~~

```
FUNCTION: .zi-check-comp-consistency [[  
  ZI 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

~~~~~

```
FUNCTION: .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 10 line(s). Doesn't call other functions.

Called by:

.zi-show-report

*zi-check-which-completions-are-installed*

~~~~~

```
FUNCTION: .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 11 line(s). Doesn't call other functions.

Called by:

.zi-show-report

*zi-clear-completions*

~~~~~

FUNCTION: `.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 35 line(s). Calls functions:

```
.zi-clear-completions  
'-- side.zsh/.zi-any-colorify-as-uspl2
```

Uses feature(s): *setopt*

Called by:

```
zi.zsh/.zi-prepare-home  
zi.zsh/zi
```

*zi-clear-report-for*

~~~~~

FUNCTION: `.zi-clear-report-for` `[[`  
Clears all report data for given user/plugin. This is done by resetting all related global `ZI_*` 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
```

Called by:

```
.zi-unload  
additional.zsh/.zi-clear-debug-report
```



## *zi-compile-uncompile-all*

~~~~~

FUNCTION: `.zi-compile-uncompile-all` `[[[`  
Compiles or uncompiles all existing (on disk) plugins.

User-action entry point.

Has 19 line(s). Calls functions:

```
.zi-compile-uncompile-all
|-- install.zsh/.zi-compile-plugin
|-- side.zsh/.zi-any-colorify-as-uspl2
`-- zi.zsh/.zi-any-to-user-plugin
```

Uses feature(s): *setopt*

Called by:

`zi.zsh/zi`

## *zi-compiled*

~~~~~

FUNCTION: `.zi-compiled` `[[[`  
Displays list of plugins that are compiled.

User-action entry point.

Has 23 line(s). Calls functions:

```
.zi-compiled
|-- side.zsh/.zi-any-colorify-as-uspl2
`-- zi.zsh/.zi-any-to-user-plugin
```

Uses feature(s): *setopt*

Called by:

`zi.zsh/zi`

## zi-confirm

~~~~~

FUNCTION: .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-control-menu

~~~~~

FUNCTION: .zi-control-menu []  
Shows control options.

User-action entry point.

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

Called by:

zi.zsh/zi

## zi-create

~~~~~

FUNCTION: `.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
|-- side.zsh/.zi-any-colorify-as-uspl2
|-- side.zsh/.zi-exists-physically
`-- zi.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*

~~~

FUNCTION: `.zi-delete` `[[[`  
Deletes plugin's or snippet's directory (in `~` `ZI` `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 93 line(s). Calls functions:

```
.zi-delete
|-- side.zsh/.zi-compute-ice
|-- zi.zsh/+zi-prehelp-usage-message
|-- zi.zsh/.zi-any-to-user-plugin
`-- zi.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*

~~~~~

FUNCTION: `.zi-diff-env-compute` `[[[`  
Computes `ZI_PATH`, `ZI_FPATH` that hold (f)path components  
added by plugin. Uses data gathered earlier by `.zi-diff-env()`.

`$1` - user/plugin

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

Uses feature(s): *setopt*

Called by:

`.zi-show-report`  
`.zi-unload`

### *zi-diff-functions-compute*

~~~~~

FUNCTION: `.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 16 line(s). Doesn't call other functions.

Uses feature(s): *setopt*

Called by:

`.zi-show-report`  
`.zi-unload`

### *zi-diff-options-compute*

~~~~~

```
FUNCTION: .zi-diff-options-compute []  
Computes OPTIONS that holds options changed by plugin.  
Uses data gathered earlier by .zi-diff-options().
```

```
$1 - user/plugin
```

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

Uses feature(s): *setopt*

Called by:

```
.zi-show-report  
.zi-unload
```

*zi-diff-parameter-compute*

~~~~~

```
FUNCTION: .zi-diff-parameter-compute []  
Computes ZI_PARAMETERS_PRE, ZI_PARAMETERS_POST that hold  
parameters created or changed (their type) by plugin. Uses  
data gathered earlier by .zi-diff-parameter().
```

```
$1 - user/plugin
```

Has 27 line(s). Doesn't call other functions.

Uses feature(s): *setopt*

Called by:

```
.zi-show-report  
.zi-unload
```

*zi-edit*

~~~~

FUNCTION: `.zi-edit` `[[[`  
Runs `$EDITOR` on source of given plugin. If the variable is not set then defaults to `'code'`.

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 19 line(s). Calls functions:

```
.zi-edit  
'-- 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*

~~~~~

FUNCTION: `.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  
'-- side.zsh/.zi-any-colorify-as-uspl2
```

Called by:

```
.zi-show-report  
.zi-unload
```

*zi-find-completions-of-plugin*

~~~~~

FUNCTION: `.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 5 line(s). Calls functions:

```
.zi-find-completions-of-plugin  
'-- zi.zsh/.zi-any-to-user-plugin
```

Uses feature(s): *setopt*

Called by:

```
.zi-show-report
```

*zi-format-env*

~~~~~

FUNCTION: `.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 15 line(s). Doesn't call other functions.

Called by:

```
.zi-show-report
```

*zi-format-functions*

~~~~~

```
FUNCTION: .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 34 line(s). Doesn't call other functions.

Called by:

```
.zi-show-report
```

*zi-format-options*

~~~~~

```
FUNCTION: .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 19 line(s). Calls functions:

```
.zi-format-options
```

Called by:

```
.zi-show-report
```

*zi-format-parameter*

~~~~~

```
FUNCTION: .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 29 line(s). Doesn't call other functions.

Uses feature(s): *setopt*



Called by:

```
.zi-show-report
```

*zi-get-completion-owner*

~~~~~

FUNCTION: `.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 19 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*

~~~~~

FUNCTION: `.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  
'-- side.zsh/.zi-any-colorify-as-uspl2
```

Called by:

```
.zi-cdisable  
.zi-cenable
```

*zi-get-path*

~~~~~

```
FUNCTION: .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 5 line(s). Calls functions:

```
.zi-get-path  
'-- zi.zsh/.zi-get-object-path
```

Uses feature(s): *setopt*

Called by:

```
.zi-cd  
.zi-uninstall-completions
```

*zi-glance*

~~~~~

FUNCTION: `.zi-glance` `[[`  
Shows colored 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 37 line(s). Calls functions:

```
.zi-glance  
|-- side.zsh/.zi-exists-physically-message  
|-- side.zsh/.zi-first  
'-- zi.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*

~~~

FUNCTION: `.zi-help` `[[`  
Shows usage information.

User-action entry point.

Has 31 line(s). Doesn't call other functions.

Called by:

`zi.zsh/zi`

*zi-list-bindkeys*

~~~~~

FUNCTION: `.zi-list-bindkeys` `[[`

Has 39 line(s). Calls functions:

```
.zi-list-bindkeys
'-- side.zsh/.zi-any-colorify-as-uspl2
```

Called by:

```
zi.zsh/zi
```

### *zi-list-compdef-replay*

~~~~~

```
FUNCTION: .zi-list-compdef-replay [[]
Shows recorded compdefs (called by plugins loaded earlier). Plugins often call
'compdef' hoping
for 'compinit' being already ran.  ZI  solves this by recording compdefs.
```

User-action entry point.

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

Called by:

```
zi.zsh/zi
```

### *zi-ls*

~~~~

```
FUNCTION: .zi-ls [[]
```

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

Called by:

```
zi.zsh/zi
```

### *zi-module*

~~~~

```
FUNCTION: .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 'zi' function  
defined in zi.zsh, to not make this file longer than it's needed.
```

Has 24 line(s). Calls functions:

```
.zi-module
```

Called by:

```
.zi-build-module  
zi.zsh/Script-Body  
zi.zsh/zi
```

*zi-pager*

~~~~~

```
FUNCTION: .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*

~~~~~

```
FUNCTION: .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*

~~~~~

FUNCTION: .zi-recall []

Has 33 line(s). Calls functions:

```
.zi-recall  
|-- side.zsh/.zi-compute-ice  
'-- zi.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*

~~~~~

FUNCTION: .zi-recently []  
Shows plugins that obtained commits in specified past time.

User-action entry point.

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

Has 23 line(s). Calls functions:

```
.zi-recently  
'-- side.zsh/.zi-any-colorify-as-uspl2
```

Uses feature(s): *setopt*

Called by:

zi.zsh/zi

### *zi-restore-extendedglob*

~~~~~

FUNCTION: `.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*

~~~~~

FUNCTION: `.zi-run-delete-hooks` []

Has 17 line(s). Calls functions:

`.zi-run-delete-hooks`  
`-- 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*

~~~~~

FUNCTION: `.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*

~~~~~

```
FUNCTION: .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 39 line(s). Calls functions:

```
.zi-search-completions
'-- side.zsh/.zi-any-colorify-as-uspl2
```

Uses feature(s): *setopt*

Called by:

```
zi.zsh/zi
```

### *zi-self-update*

~~~~~

```
FUNCTION: .zi-self-update []
Updates ZI code (does a git pull).
```

User-action entry point.

Has 43 line(s). Calls functions:

```
.zi-self-update
|-- zi.zsh/+zi-message
'-- zi.zsh/.zi-get-mtime-into
```

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

Called by:



```
.zi-update-or-status-all
zi.zsh/zi
```

### *zi-show-all-reports*

~~~~~

```
FUNCTION: .zi-show-all-reports [[
Displays reports of all loaded plugins.
```

User-action entry point.

Has 5 line(s). Calls functions:

```
.zi-show-all-reports
```

Called by:

```
zi.zsh/zi
```

### *zi-show-completions*

~~~~~

```
FUNCTION: .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 61 line(s). Calls functions:

```
.zi-show-completions
'-- side.zsh/.zi-any-colorify-as-uspl2
```

Uses feature(s): *setopt*

Called by:

zi.zsh/zi

### *zi-show-debug-report*

~~~~~

FUNCTION: .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

Called by:

zi.zsh/zi

### *zi-show-registered-plugins*

~~~~~

FUNCTION: .zi-show-registered-plugins []  
Lists loaded plugins (subcommands list, loaded).

User-action entry point.

Has 19 line(s). Calls functions:

.zi-show-registered-plugins  
'-- side.zsh/.zi-any-colorify-as-uspl2

Uses feature(s): *setopt*

Called by:

zi.zsh/zi

### *zi-show-report*

~~~~~

FUNCTION: `.zi-show-report` `[[`  
Displays report of the plugin given.

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 66 line(s). Calls functions:

```
.zi-show-report  
`-- zi.zsh/.zi-any-to-user-plugin
```

Uses feature(s): *setopt*

Called by:

```
.zi-show-all-reports  
.zi-show-debug-report  
zi.zsh/zi
```

*zi-show-times*

~~~~~

FUNCTION: `.zi-show-times` `[[`  
Shows loading times of all loaded plugins.

User-action entry point.

Has 51 line(s). Calls functions:

```
.zi-show-times  
`-- side.zsh/.zi-any-colorify-as-uspl2
```

Uses feature(s): *setopt*

Called by:

zi.zsh/zi

### zi-show-zstatus

~~~~~

FUNCTION: .zi-show-zstatus [[[  
Shows `ZI` status, i.e. number of loaded plugins,  
of available completions, etc.

User-action entry point.

Has 47 line(s). Calls functions:

```
.zi-show-zstatus  
'-- zi.zsh/+zi-message
```

Uses feature(s): *setopt*

Called by:

zi.zsh/zi

### zi-stress

~~~~~

FUNCTION: .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 31 line(s). Calls functions:

```
.zi-stress
|-- side.zsh/.zi-exists-physically-message
|-- side.zsh/.zi-first
`-- zi.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*

~~~~~

FUNCTION: *.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 20 line(s). Calls functions:

```
.zi-uncompile-plugin
|-- side.zsh/.zi-any-colorify-as-uspl2
`-- zi.zsh/.zi-any-to-user-plugin
```

Uses feature(s): *setopt*

Called by:

```
.zi-compile-uncompile-all
zi.zsh/zi
```

*zi-uninstall-completions*

~~~~~

```
FUNCTION: .zi-uninstall-completions [[  
Removes all completions of given plugin from Zshell (i.e. from FPATH).  
The FPATH is typically '~/.zi/completions/'.
```

```
$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-uninstall-completions  
|-- install.zsh/.zi-compinit  
|-- install.zsh/.zi-forget-completion  
'-- zi.zsh/+zi-message
```

Uses feature(s): *setopt, source*

Called by:

```
zi.zsh/zi
```

*zi-unload*

~ ~ ~

```
FUNCTION: .zi-unload [[  
0. Call the Zsh Plugin's Standard *_plugin_unload function  
0. Call the code provided by the Zsh Plugin's Standard @zsh-plugin-run-at-update  
1. Delete bindkeys (...)  
2. Delete Zstyles  
3. Restore options  
4. Remove aliases  
5. Restore Zle state  
6. Unfunction functions (created by plugin)  
7. Clean-up FPATH and PATH  
8. Delete created variables  
9. Forget the 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 380 line(s). Calls functions:

```
.zi-unload
|-- additional.zsh/.zi-clear-debug-report
|-- side.zsh/.zi-any-colorify-as-uspl2
`-- zi.zsh/.zi-any-to-user-plugin
```

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

Called by:

```
additional.zsh/.zi-debug-unload
zi.zsh/.zi-run-task
zi.zsh/zi
```

### *zi-unregister-plugin*

~~~~~

```
FUNCTION: .zi-unregister-plugin [[
Removes the plugin from ZI_REGISTERED_PLUGINS array and from the
zsh_loaded_plugins array (managed according to the plugin standard)
```

Has 5 line(s). Calls functions:

```
.zi-unregister-plugin
`-- zi.zsh/.zi-any-to-user-plugin
```

Called by:

```
.zi-unload
```

### *zi-update-all-parallel*

~~~~~

```
FUNCTION: .zi-update-in-parallel [[
```

Has 63 line(s). Calls functions:

```
.zi-update-all-parallel
|-- side.zsh/.zi-any-colorify-as-uspl2
|-- zi.zsh/+zi-message
`-- zi.zsh/.zi-any-to-user-plugin
```

Uses feature(s): *setopt*

Called by:

```
.zi-update-or-status-all
```

*zi-update-or-status*

~~~~~

FUNCTION: .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 263 line(s). Calls functions:

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

*zi-update-or-status-all*

~~~~~



FUNCTION: .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 96 line(s). Calls functions:

```
.zi-update-or-status-all  
|-- install.zsh/.zi-compinit  
|-- side.zsh/.zi-any-colorify-as-uspl2  
|-- zi.zsh/+zi-message  
|-- zi.zsh/.zi-any-to-user-plugin  
'-- zi.zsh/.zi-get-mtime-into
```

Uses feature(s): *setopt, source*

Called by:

zi.zsh/zi

*zi-update-or-status-snippet*

~~~~~

FUNCTION: .zi-update-or-status-snippet []

Implements update or status operation for snippet given by URL.

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

Has 28 line(s). Calls functions:

```
.zi-update-or-status-snippet  
|-- install.zsh/.zi-update-snippet  
'-- 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*

~~~~~

```
]]]  
FUNCTION: .zi-wait-for-update-jobs [[
```

Has 14 line(s). Calls functions:

```
.zi-wait-for-update-jobs  
'-- zi.zsh/+zi-message
```

Uses feature(s): *wait*

Called by:

```
.zi-update-all-parallel
```