

zinit.zsh(1)

NAME

zinit.zsh - a shell script

SYNOPSIS

Documentation automatically generated with `zshelldoc`

FUNCTIONS

```
+zinit-deploy-message
+zinit-message
+zinit-prehelp-usage-message
-zinit_scheduler_add_sh
.zinit-add-fpath
.zinit-add-report
.zinit-any-to-pid
.zinit-any-to-user-plugin
.zinit-compdef-clear
.zinit-compdef-replay
.zinit-diff
.zinit-diff-env
.zinit-diff-functions
.zinit-diff-options
.zinit-diff-parameter
.zinit-find-other-matches
.zinit-formatter-auto
.zinit-formatter-bar
.zinit-formatter-bar-util
.zinit-formatter-dbg
.zinit-formatter-pid
.zinit-formatter-th-bar
.zinit-formatter-url
.zinit-get-mtime-into
.zinit-get-object-path
.zinit-ice
.zinit-load
.zinit-load-ices
.zinit-load-object
.zinit-load-plugin
.zinit-load-snippet
.zinit-main-message-formatter
.zinit-pack-ice
.zinit-parse-opts
```

```
.zinit-prepare-home
.zinit-register-plugin
.zinit-run
.zinit-run-task
.zinit-set-m-func
.zinit-setup-params
.zinit-submit-turbo
.zinit-tmp-subst-off
.zinit-tmp-subst-on
.zinit-util-shands-path
:zinit-reload-and-run
:zinit-tmp-subst-alias
:zinit-tmp-subst-autoload
:zinit-tmp-subst-bindkey
:zinit-tmp-subst-compdef
:zinit-tmp-subst-zle
:zinit-tmp-subst-zstyle
@zinit-register-annex
@zinit-register-hook
@zinit-substitute
@zsh-plugin-run-on-unload
@zsh-plugin-run-on-update
pmodload
zicdclear
zicdreplay
zicompdef
zicompinit
zinit
zpcdclear
zpcdreplay
zpcompdef
zpcompinit
zplugin
AUTOLOAD add-zsh-hook
AUTOLOAD compinit
AUTOLOAD is-at-least
PRECMD-HOOK @zinit-scheduler
```

DETAILS

Script Body

Has 212 line(s). Calls functions:

```
Script-Body
|-- @zinit-register-hook
|-- add-zsh-hook
`-- is-at-least
```

Uses feature(s): *add-zsh-hook, alias, autoload, export, is-at-least, setopt, zmodload, zstyle*

Exports (environment): *PMSPEC // ZPFX // ZSH_CACHE_DIR*

+zinit-deploy-message

```
FUNCTION: +zinit-deploy-message {{{
```

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

Uses feature(s): *read, zle*

Called by:

```
.zinit-load-snippet
.zinit-load
zinit-autoload.zsh/.zinit-recall
```

+zinit-message

```
FUNCTION: +zinit-message {{{
```

Has 34 line(s). Doesn't call other functions.

Called by:

```

+zinit-prehelp-usage-message
.zinit-compdef-clear
.zinit-compdef-replay
.zinit-load-snippet
.zinit-register-plugin
.zinit-run
.zinit-set-m-func
:zinit-tmp-subst-autoload
zinit
zinit-autoload.zsh/.zinit-build-module
zinit-autoload.zsh/.zinit-cd
zinit-autoload.zsh/.zinit-self-update
zinit-autoload.zsh/.zinit-show-zstatus
zinit-autoload.zsh/.zinit-uninstall-completions
zinit-autoload.zsh/.zinit-update-all-parallel
zinit-autoload.zsh/.zinit-update-or-status-all
zinit-autoload.zsh/.zinit-update-or-status
zinit-autoload.zsh/.zinit-wait-for-update-jobs
zinit-install.zsh/.zinit-compile-plugin
zinit-install.zsh/.zinit-compinit
zinit-install.zsh/.zinit-download-file-stdout
zinit-install.zsh/.zinit-download-snippet
zinit-install.zsh/.zinit-extract
zinit-install.zsh/.zinit-get-cygwin-package
zinit-install.zsh/.zinit-get-latest-gh-r-url-part
zinit-install.zsh/.zinit-get-package
zinit-install.zsh/.zinit-install-completions
zinit-install.zsh/.zinit-jq-check
zinit-install.zsh/.zinit-setup-plugin-dir
zinit-install.zsh/.zinit-update-snippet
zinit-install.zsh/ziextract
zinit-install.zsh/[]zinit-configure-base-hook
zinit-install.zsh/>zinit-extract
zinit-install.zsh/[]zinit-mv-hook
zinit-install.zsh/[]zinit-ps-on-update-hook
zinit-install.zsh/[]zinit-reset-hook
zinit-side.zsh/.zinit-countdown
zinit-side.zsh/.zinit-exists-physically-message

```

+zinit-prehelp-usage-message

```
FUNCTION: +zinit-prehelp-usage-message {{{
```

Has 48 line(s). Calls functions:

```
+zinit-prehelp-usage-message
`-- +zinit-message
```

Called by:

```
zinit
zinit-autoload.zsh/.zinit-delete
```

-zinit_scheduler_add_sh

```
FUNCTION: -zinit_scheduler_add_sh {{{
Copies task into ZINIT_RUN array, called when a task timeouts.
A small function ran from pattern in /-substitution as a math
function.
```

Has 7 line(s). Doesn't call other functions.

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

zinit-add-fpath

~~~~~

```
FUNCTION: .zinit-add-fpath {{{
```

Has 11 line(s). Calls functions:

```
.zinit-add-fpath
```

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

*zinit-add-report*

~~~~~

```
FUNCTION: .zinit-add-report {{{
```

Has 7 line(s). Doesn't call other functions.

Called by:

```
.zinit-load-plugin
.zinit-load-snippet
:zinit-tmp-subst-alias
:zinit-tmp-subst-autoload
:zinit-tmp-subst-bindkey
:zinit-tmp-subst-compdef
:zinit-tmp-subst-zle
:zinit-tmp-subst-zstyle
```

zinit-any-to-pid

~~~~~

```
FUNCTION: .zinit-any-to-pid {{{
```

Has 19 line(s). Calls functions:

```
.zinit-any-to-pid
```

Uses feature(s): *setopt*

Called by:

```
zinit-side.zsh/.zinit-any-colorify-as-uspl2
zinit-side.zsh/.zinit-exists-physically-message
zinit-side.zsh/.zinit-first
```

### *zinit-any-to-user-plugin*

~~~~~

```
FUNCTION: .zinit-any-to-user-plugin {{{
```

Has 25 line(s). Doesn't call other functions.

Uses feature(s): *setopt*

Called by:

```
.zinit-add-fpath
.zinit-get-object-path
.zinit-load
.zinit-run
:zinit-tmp-subst-autoload
zinit-autoload.zsh/.zinit-any-to-uspl2
zinit-autoload.zsh/.zinit-changes
zinit-autoload.zsh/.zinit-compile-uncompile-all
zinit-autoload.zsh/.zinit-compiled
zinit-autoload.zsh/.zinit-create
zinit-autoload.zsh/.zinit-delete
zinit-autoload.zsh/.zinit-find-completions-of-plugin
zinit-autoload.zsh/.zinit-glance
zinit-autoload.zsh/.zinit-show-report
zinit-autoload.zsh/.zinit-stress
zinit-autoload.zsh/.zinit-uncompile-plugin
zinit-autoload.zsh/.zinit-unload
zinit-autoload.zsh/.zinit-unregister-plugin
zinit-autoload.zsh/.zinit-update-all-parallel
zinit-autoload.zsh/.zinit-update-or-status-all
zinit-autoload.zsh/.zinit-update-or-status
zinit-install.zsh/.zinit-install-completions
zinit-side.zsh/.zinit-any-colorify-as-uspl2
zinit-side.zsh/.zinit-compute-ice
zinit-side.zsh/.zinit-exists-physically-message
zinit-side.zsh/.zinit-exists-physically
zinit-side.zsh/.zinit-first
```

Environment variables used: ZPFX

zinit-compdef-clear

~~~~~

```
FUNCTION: .zinit-compdef-clear {{{
```

Has 3 line(s). Calls functions:

```
.zinit-compdef-clear
'-- +zinit-message
```

Called by:

```
zicdclear
zpcdclear
```

*zinit-compdef-replay*

FUNCTION: .zinit-compdef-replay {{{

Has 15 line(s). Calls functions:

```
.zinit-compdef-replay
`-- +zinit-message
```

Uses feature(s): *compdef*

Called by:

```
zicdreplay
zpcdreplay
```

*zinit-diff*

FUNCTION: .zinit-diff {{{

Has 4 line(s). Calls functions:

```
.zinit-diff
```

Called by:

```
.zinit-load-plugin
```

*zinit-diff-env*

FUNCTION: .zinit-diff-env {{{

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

Called by:

```
.zinit-diff
.zinit-load-plugin
```



### *zinit-diff-functions*

~~~~~

FUNCTION: .zinit-diff-functions {{{

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

Called by:

.zinit-diff

zinit-diff-options

~~~~~

FUNCTION: .zinit-diff-options {{{

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

Called by:

.zinit-diff

### *zinit-diff-parameter*

~~~~~

FUNCTION: .zinit-diff-parameter {{{

Has 8 line(s). Doesn't call other functions.

Called by:

.zinit-diff

zinit-find-other-matches

~~~~~

FUNCTION: .zinit-find-other-matches {{{

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

Called by:

```
.zinit-load-plugin
.zinit-load-snippet
zinit-side.zsh/.zinit-first
```

*zinit-formatter-auto*

~~~~~

```
FUNCTION: .zinit-formatter-auto {{{
```

Has 42 line(s). Calls functions:

```
.zinit-formatter-auto
```

Uses feature(s): *type*

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

zinit-formatter-bar

~~~~~

```
FUNCTION: .zinit-formatter-bar {{{
```

Has 1 line(s). Calls functions:

```
.zinit-formatter-bar
```

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

*zinit-formatter-bar-util*

~~~~~

```
FUNCTION: .zinit-formatter-bar-util {{{
```

Has 6 line(s). Doesn't call other functions.

Called by:

```
.zinit-formatter-bar
.zinit-formatter-th-bar
```

zinit-formatter-dbg

~~~~~

```
FUNCTION: .zinit-formatter-dbg {{{
```

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

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

*zinit-formatter-pid*

~~~~~

```
FUNCTION: .zinit-formatter-pid {{{
```

Has 10 line(s). Calls functions:

```
.zinit-formatter-pid
`-- zinit-side.zsh/.zinit-any-colorify-as-uspl2
```

Uses feature(s): *source*

Called by:

```
.zinit-formatter-auto
```

zinit-formatter-th-bar

~~~~~

```
FUNCTION: .zinit-formatter-th-bar. {{{
```

Has 1 line(s). Calls functions:

```
.zinit-formatter-th-bar
```

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

*zinit-formatter-url*

~~~~~

```
FUNCTION: .zinit-formatter-url. {{{
```

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

Called by:

```
.zinit-formatter-auto
```

zinit-get-mtime-into

~~~~~

```
FUNCTION: .zinit-get-mtime-into {{{
```

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

Called by:

```
Script-Body
zinit-autoload.zsh/.zinit-self-update
zinit-autoload.zsh/.zinit-update-or-status-all
zinit-install.zsh/>zinit-extract
```

*zinit-get-object-path*

~~~~~

```
FUNCTION: .zinit-get-object-path {{{
```

Has 22 line(s). Calls functions:

```
.zinit-get-object-path
```

Called by:

```
.zinit-load-ices
.zinit-load-snippet
.zinit-run
zinit
zinit-autoload.zsh/.zinit-get-path
zinit-install.zsh/.zinit-setup-plugin-dir
zinit-install.zsh/.zinit-update-snippet
zinit-side.zsh/.zinit-first
zinit-side.zsh/.zinit-two-paths
```

zinit-ice

~~~~~

```
FUNCTION: .zinit-ice {{{
```

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

Uses feature(s): *setopt*

Called by:

```
zinit
```

*Environment variables used: ZPFX*

*zinit-load*

~~~~~

```
FUNCTION: .zinit-load {{{
```

Has 102 line(s). Calls functions:

```
.zinit-load
|-- +zinit-deploy-message
|-- zinit-install.zsh/.zinit-get-package
`-- zinit-install.zsh/.zinit-setup-plugin-dir
```

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

Called by:

```
.zinit-load-object
.zinit-run-task
```

zinit-load-ices

~~~~~

```
FUNCTION: .zinit-load-ices {{{
```

Has 18 line(s). Calls functions:

```
.zinit-load-ices
```

Called by:

```
zinit
```

*Environment variables used: ZPFX*

### *zinit-load-object*

~~~~~

```
FUNCTION: .zinit-load-object {{{
```

Has 10 line(s). Calls functions:

```
.zinit-load-object
```

Called by:

```
zinit
```

zinit-load-plugin

~~~~~

```
FUNCTION: .zinit-load-plugin {{{
```

Has 336 line(s). Calls functions:

```
.zinit-load-plugin
`-- :zinit-tmp-subst-autoload
    |-- +zinit-message
    `-- is-at-least
```

Uses feature(s): *eval, setopt, source, unfunction, zle*

Called by:

```
.zinit-load
```

### *zinit-load-snippet*

~~~~~

```
FUNCTION: .zinit-load-snippet {{{
```

Has 397 line(s). Calls functions:

```
.zinit-load-snippet
|-- +zinit-deploy-message
|-- +zinit-message
`-- zinit-install.zsh/.zinit-download-snippet
```

Uses feature(s): *autoload, eval, setopt, source, unfunction, zparseopts, zstyle*

Called by:

```
.zinit-load-object
.zinit-load
.zinit-run-task
pmodload
```

zinit-main-message-formatter

~~~~~

```
FUNCTION: .zinit-main-message-formatter. {{{
```

Has 18 line(s). Doesn't call other functions.

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

*zinit-pack-ice*

~~~~~

```
FUNCTION: .zinit-pack-ice {{{
```

Has 3 line(s). Doesn't call other functions.

Called by:

```
.zinit-load-snippet
.zinit-load
@zsh-plugin-run-on-unload
@zsh-plugin-run-on-update
zinit-install.zsh/.zinit-update-snippet
zinit-side.zsh/.zinit-compute-ice
```

zinit-parse-opts

~~~~~

```
FUNCTION: .zinit-parse-opts {{{
```

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

Called by:

```
zinit
zinit-autoload.zsh/.zinit-delete
```

*zinit-prepare-home*

~~~~~

```
FUNCTION: .zinit-prepare-home {{{
```

Has 40 line(s). Calls functions:

```
.zinit-prepare-home
|-- zinit-autoload.zsh/.zinit-clear-completions
`-- zinit-install.zsh/.zinit-compinit
```

Uses feature(s): *source*

Called by:

```
Script-Body
```

Environment variables used: ZPFX

zinit-register-plugin

~~~~~

```
FUNCTION: .zinit-register-plugin {{{
```

Has 20 line(s). Calls functions:

```
.zinit-register-plugin
`-- +zinit-message
```

Called by:

```
.zinit-load
```

*zinit-run*

~~~~~



```
FUNCTION: .zinit-run {{{
```

Has 33 line(s). Calls functions:

```
.zinit-run  
'-- +zinit-message
```

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

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

zinit-run-task

~~~~~

```
FUNCTION: .zinit-run-task {{{
```

Has 44 line(s). Calls functions:

```
.zinit-run-task  
'-- zinit-autoload.zsh/.zinit-unload
```

Uses feature(s): *eval*, *source*, *zle*, *zpty*

Called by:

```
@zinit-scheduler
```

*zinit-set-m-func*

~~~~~

```
FUNCTION: .zinit-set-m-func {{{
```

Has 17 line(s). Calls functions:

```
.zinit-set-m-func  
'-- +zinit-message
```

Uses feature(s): *setopt*

Called by:

```
.zinit-load-snippet
.zinit-load
zinit-autoload.zsh/.zinit-update-or-status
```

zinit-setup-params

~~~~~<sup>~</sup>

```
FUNCTION: .zinit-setup-params {{{
```

Has 3 line(s). Doesn't call other functions.

Called by:

```
.zinit-load-snippet
.zinit-load
```

#### *zinit-submit-turbo*

~~~~~<sup>~</sup>

```
FUNCTION: .zinit-submit-turbo {{{
```

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

Called by:

```
zinit
```

zinit-tmp-subst-off

~~~~~<sup>~~</sup>

```
FUNCTION: .zinit-tmp-subst-off {{{
```

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

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

Called by:

```
.zinit-load-plugin
```

#### *zinit-tmp-subst-on*

~~~~~<sup>~</sup>

```
FUNCTION: .zinit-tmp-subst-on {{{
```

Has 29 line(s). Doesn't call other functions.

Uses feature(s): *source*

Called by:

```
.zinit-load-plugin
```

zinit-util-shands-path

~~~~~<sup>~</sup>

```
FUNCTION: .zinit-util-shands-path {{{
```

Has 6 line(s). Doesn't call other functions.

Uses feature(s): *setopt*

Called by:

```
.zinit-any-to-pid
```

*Environment variables used: ZPFX*

## **:zinit-reload-and-run**

```
FUNCTION: :zinit-reload-and-run. {{{
Marks given function ($3) for autoloading, and executes it triggering the
load. $1 is the fpath dedicated to the function, $2 are autoload options.
This function replaces "autoload -X", because using that on older Zsh
versions causes problems with traps.
```

So basically one creates function stub that calls :zinit-reload-and-run() instead of "autoload -X".

\$1 - FPATH dedicated to function  
\$2 - autoload options  
\$3 - function name (one that needs autoloading)

Author: Bart Schaefer

Has 9 line(s). Doesn't call other functions.

Uses feature(s): *autoload*, *unfunction*

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

## :zinit-tmp-subst-alias

```
FUNCTION: :zinit-tmp-subst-alias {{{
```

Has 30 line(s). Calls functions:

```
:zinit-tmp-subst-alias
```

Uses feature(s): *alias*, *setopt*, *zparseopts*

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

## :zinit-tmp-subst-autoload

```
FUNCTION: :zinit-tmp-subst-autoload {{{  
Function defined to hijack plugin's calls to the 'autoload' builtin.
```

The hijacking is not only to gather report data, but also to.  
run custom 'autoload' function, that doesn't need FPATH.

Has 194 line(s). Calls functions:

```
:zinit-tmp-subst-autoload  
|-- +zinit-message  
'-- is-at-least
```

Uses feature(s): *autoload, eval, is-at-least, setopt, zparseopts*

Called by:

```
.zinit-load-plugin
```

## :zinit-tmp-subst-bindkey

```
FUNCTION: :zinit-tmp-subst-bindkey. {{{  
Function defined to hijack plugin's calls to the 'bindkey' builtin.
```

The hijacking is to gather report data (which is used in unload).

Has 120 line(s). Calls functions:

```
:zinit-tmp-subst-bindkey  
'-- is-at-least
```

Uses feature(s): *bindkey, is-at-least, setopt, zparseopts*

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

## :zinit-tmp-subst-compdef

```
FUNCTION: :zinit-tmp-subst-compdef {{{
```

Has 4 line(s). Calls functions:

```
:zinit-tmp-subst-compdef
```

Uses feature(s): *setopt*

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

## :zinit-tmp-subst-zle

```
FUNCTION: :zinit-tmp-subst-zle {{{  
Function defined to hijack plugin's calls to the 'zle' builtin.
```

The hijacking is to gather report data (which is used in unload)

Has 33 line(s). Calls functions:

```
:zinit-tmp-subst-zle
```

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

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

## :zinit-tmp-subst-zstyle

```
FUNCTION: :zinit-tmp-subst-zstyle. {{{
```

Has 19 line(s). Calls functions:

```
:zinit-tmp-subst-zstyle
```

Uses feature(s): *setopt*, *zparseopts*, *zstyle*

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

## @zinit-register-annex

```
FUNCTION: @zinit-register-annex {{{
```

Has 8 line(s). Doesn't call other functions.

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

## @zinit-register-hook

```
FUNCTION: @zinit-register-hook {{{
```

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

Called by:

```
Script-Body
```

## @zinit-scheduler

```
FUNCTION: @zinit-scheduler {{{
```

Has 73 line(s). **Is a precmd hook.** Calls functions:

```
@zinit-scheduler  
'-- add-zsh-hook
```

Uses feature(s): *add-zsh-hook*, *sched*, *setopt*, *zle*

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

## @zinit-substitute

```
FUNCTION: @zinit-substitute {{{
```

Has 26 line(s). Doesn't call other functions.

Uses feature(s): *setopt*

Called by:

```
zinit-autoload.zsh/.zinit-at-eval
zinit-install.zsh/.zinit-at-eval
zinit-install.zsh/.zinit-get-package
zinit-install.zsh/[]zinit-atclone-hook
zinit-install.zsh/[]zinit-configure-base-hook
zinit-install.zsh/[]zinit-cp-hook
zinit-install.zsh/[]zinit-extract-hook
zinit-install.zsh/[]zinit-make-e-hook
zinit-install.zsh/[]zinit-make-ee-hook
zinit-install.zsh/[]zinit-make-hook
zinit-install.zsh/[]zinit-mv-hook
```

*Environment variables used: ZPFX*

## @zsh-plugin-run-on-unload

```
FUNCTION: @zsh-plugin-run-on-unload {{{
```

Has 2 line(s). Calls functions:

```
@zsh-plugin-run-on-unload
```

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

## @zsh-plugin-run-on-update

```
FUNCTION: @zsh-plugin-run-on-update {{{
```

Has 2 line(s). Calls functions:

```
@zsh-plugin-run-on-update
```

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

## pmodload

```
FUNCTION: pmodload() {{{
Compatibility with Prezto. Calls can be recursive.
```

Has 15 line(s). Calls functions:



```
pmodload
```

Uses feature(s): *zstyle*

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

## zicdclear

```
FUNCTION: zicdclear {{{
```

Has 1 line(s). Calls functions:

```
zicdclear
```

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

## zicdreplay

```
FUNCTION: zicdreplay {{{
```

Has 1 line(s). Calls functions:

```
zicdreplay
```

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

## zicompdef

```
FUNCTION: zicompdef {{{
```

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

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

## zicompinit

```
FUNCTION: zicompinit {{{
```

Has 1 line(s). Calls functions:

```
zcompinit
'-- compinit
```

Uses feature(s): *autoload*, *compinit*

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

## zinit

FUNCTION: `zinit {{{`  
Main function directly exposed to user, obtains subcommand and its arguments, has completion.

Has 455 line(s). Calls functions:

```
zinit
|-- +zinit-message
|-- +zinit-prehelp-usage-message
|   '-- +zinit-message
|-- compinit
|-- zinit-autoload.zsh/.zinit-cdisable
|-- zinit-autoload.zsh/.zinit-cenable
|-- zinit-autoload.zsh/.zinit-compile-uncompile-all
|-- zinit-autoload.zsh/.zinit-ls
|-- zinit-autoload.zsh/.zinit-recently
|-- zinit-autoload.zsh/.zinit-show-all-reports
|-- zinit-autoload.zsh/.zinit-show-report
|-- zinit-autoload.zsh/.zinit-uncompile-plugin
|-- zinit-autoload.zsh/.zinit-uninstall-completions
|-- zinit-autoload.zsh/.zinit-unload
|-- zinit-autoload.zsh/.zinit-update-or-status
|-- zinit-autoload.zsh/.zinit-update-or-status-all
|-- zinit-install.zsh/.zinit-compile-plugin
|-- zinit-install.zsh/.zinit-compinit
|-- zinit-install.zsh/.zinit-forget-completion
'-- zinit-install.zsh/.zinit-install-completions
```

Uses feature(s): *autoload*, *compinit*, *eval*, *setopt*, *source*

Called by:

```
zplugin
```

## zpcdclear

FUNCTION: zpcdclear {{{

Has 1 line(s). Calls functions:

zpcdclear

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

## zpcdreplay

FUNCTION: zpcdreplay {{{

Has 1 line(s). Calls functions:

zpcdreplay

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

## zpcmpdef

FUNCTION: zpcmpdef {{{

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

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

## zpcmpinit

FUNCTION: zpcmpinit {{{

Has 2 line(s). Calls functions:

zpcmpinit  
'-- compinit

Uses feature(s): *autoload*, *compinit*

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

## zplugin

FUNCTION: zplugin {{{

Has 1 line(s). Calls functions:

```
zplugin
`-- zinit
    |-- +zinit-message
    |-- +zinit-prehelp-usage-message
    |   `-- +zinit-message
    |-- compinit
    |-- zinit-autoload.zsh/.zinit-cdisable
    |-- zinit-autoload.zsh/.zinit-cenable
    |-- zinit-autoload.zsh/.zinit-compile-uncompile-all
    |-- zinit-autoload.zsh/.zinit-ls
    |-- zinit-autoload.zsh/.zinit-recently
    |-- zinit-autoload.zsh/.zinit-show-all-reports
    |-- zinit-autoload.zsh/.zinit-show-report
    |-- zinit-autoload.zsh/.zinit-uncompile-plugin
    |-- zinit-autoload.zsh/.zinit-uninstall-completions
    |-- zinit-autoload.zsh/.zinit-unload
    |-- zinit-autoload.zsh/.zinit-update-or-status
    |-- zinit-autoload.zsh/.zinit-update-or-status-all
    |-- zinit-install.zsh/.zinit-compile-plugin
    |-- zinit-install.zsh/.zinit-compinit
    |-- zinit-install.zsh/.zinit-forget-completion
    `-- zinit-install.zsh/.zinit-install-completions
```

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

## add-zsh-hook

Add to HOOK the given FUNCTION.  
HOOK is one of chpwd, precmd, preexec, periodic, zshaddhistory, zshexit, zsh\_directory\_name (the \_functions subscript is not required).

With -d, remove the function from the hook instead; delete the hook variable if it is empty.

-D behaves like -d, but pattern characters are active in the function name, so any matching function will be deleted from the hook.

Has 93 line(s). Doesn't call other functions.

Uses feature(s): *autoload, getopts*

Called by:

```
@zinit-scheduler  
Script-Body
```

## compinit

Initialisation for new style completion. This mainly contains some helper functions and setup. Everything else is split into different files that will automatically be made autoloaded (see the end of this file). The names of the files that will be considered for autoloading are those that begin with an underscores (like `_condition`).

The first line of each of these files is read and must indicate what should be done with its contents:

```
`#compdef <names ...>'
```

Has 573 line(s). Doesn't call other functions.

Uses feature(s): *autoload, bindkey, compdef, compdump, eval, read, setopt, unfunction, zle, zstyle*

Called by:

```
zcompinit  
zinit  
zpcompinit
```

## is-at-least

Test whether `$ZSH_VERSION` (or some value of your choice, if a second argument is provided) is greater than or equal to `x.y.z-r` (in argument one). In fact, it'll accept any dot/dash-separated string of numbers as its second argument and compare it to the dot/dash-separated first argument. Leading non-number parts of a segment (such as the "zefram" in 3.1.2-zefram4) are not considered when the comparison is done; only the numbers matter. Any left-out segments in the first argument that are present in the version string compared are considered as zeroes, eg `3 == 3.0 == 3.0.0 == 3.0.0.0` and so on.

Has 56 line(s). Doesn't call other functions.

Called by:

```
:zinit-tmp-subst-autoload  
:zinit-tmp-subst-bindkey  
Script-Body  
zinit-install.zsh/.zinit-download-snippet
```