

zsh-syntax-highlighting.zsh(1)

# NAME

zsh-syntax-highlighting.zsh - a shell script

# SYNOPSIS

Documentation automatically generated with `zshelldoc`

# FUNCTIONS

```
_zsh_highlight
_zsh_highlight_add_highlight
_zsh_highlight_apply_zle_highlight
_zsh_highlight_bind_widgets
_zsh_highlight_buffer_modified
_zsh_highlight_call_widget
_zsh_highlight_cursor_moved
_zsh_highlight_load_highlighters
AUTOLOAD add-zsh-hook
AUTOLOAD is-at-least
PREEXEC-HOOK _zsh_highlight_preexec_hook
```

# DETAILS

## Script Body

Has 36 line(s). Calls functions:

```
Script-Body
|-- _zsh_highlight_bind_widgets
|-- _zsh_highlight_load_highlighters
|-- add-zsh-hook
`-- is-at-least
```

## \_zsh\_highlight

```
# Update ZLE buffer syntax highlighting.
#
# Invokes each highlighter that needs updating.
# This function is supposed to be called whenever the ZLE state changes.
```

Has 65 line(s). Calls functions:

```
_zsh_highlight
`-- _zsh_highlight_apply_zle_highlight
```

Uses feature(s): *eval, type*

Called by:

```
_zsh_highlight_call_widget
```

## **`_zsh_highlight_add_highlight`**

```
# Add a highlight defined by ZSH_HIGHLIGHT_STYLES.
#
# Should be used by all highlighters aside from 'pattern' (cf.
ZSH_HIGHLIGHT_PATTERN).
# Overwritten in tests/test-highlighting.zsh when testing.
```

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

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

## **`_zsh_highlight_apply_zle_highlight`**

```
# Apply highlighting based on entries in the zle_highlight array.
# This function takes four arguments:
# 1. The exact entry (no patterns) in the zle_highlight array:
#    region, paste, isearch, or suffix
# 2. The default highlighting that should be applied if the entry is unset
# 3. and 4. Two integer values describing the beginning and end of the
#    range. The order does not matter.
```

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

Called by:

```
_zsh_highlight
```

## **`_zsh_highlight_bind_widgets`**

```
# Rebind all ZLE widgets to make them invoke _zsh_highlights.
```

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

Uses feature(s): *eval*, *zle*, *zmodload*

Called by:

```
Script-Body
```

## **\_zsh\_highlight\_buffer\_modified**

```
# Whether the command line buffer has been modified or not.  
#  
# Returns 0 if the buffer has changed since _zsh_highlight was last called.
```

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

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

## **\_zsh\_highlight\_call\_widget**

```
# Helper for _zsh_highlight_bind_widgets  
# $1 is name of widget to call
```

Has 2 line(s). Calls functions:

```
_zsh_highlight_call_widget  
\-- _zsh_highlight  
  \-- _zsh_highlight_apply_zle_highlight
```

Uses feature(s): *zle*

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

## **\_zsh\_highlight\_cursor\_moved**

```
# Whether the cursor has moved or not.  
#  
# Returns 0 if the cursor has moved since _zsh_highlight was last called.
```

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

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

## **`_zsh_highlight_load_highlighters`**

```
# Load highlighters from directory.  
#  
# Arguments:  
# 1) Path to the highlighters directory.
```

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

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

Called by:

Script-Body

## **`_zsh_highlight_preexec_hook`**

```
# Reset scratch variables when commandline is done.
```

Has 2 line(s). **Is a preexec hook.** Doesn't call other functions.

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

## **`add-zsh-hook`**

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

Uses feature(s): *autoload*

Called by:

Script-Body

## **`is-at-least`**

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

Called by:

Script-Body