

UltiSnips Cheatsheet

Basic usage

Ctrl + L Next tabstop
Ctrl + H Previous tabstop
:UltiSnipsEdit Edit snippets file for filetype

Format of snippet:

snippet name "description" parameters

Code to insert

endsnippet

Snippet constructs

\$1 Tabstop – Place cursor here in insert mode
\$0 Final tabstop always
\${1:div} Tabstop with placeholder text
\$1 = \$1 Autofilled mirrors
\${2: text"\${3:link}"} Nested tabstops
\${0: \${VISUAL}} . Visual if supplied, or final stop
\${VISUAL} Text selected in visual mode
`date` Run command `date` in shell
`!v CMD` Prefix with `!v` for vimscript
`!p CMD` Prefix with `!v` for Python
\${VISUAL:def/search/repl/g} ... visual transform.

Snippet parameters

b Trigger at beginning of line only
i Trigger within words
w Trigger if wrapped by non-word characters
r Trigger pattern is regex
t Do not change tabs to match filetype
s Remove whitespace before next tabstop
m .. All blank characters to right of deleted snippet
e Custom context
A Automatic triggering without `<tab>`

Configuration

```
let g:UltisnipsExpandTrigger="<tab>"
let g:UltiSnipsListSnippets="<c-tab>"
let g:UltiSnipsJumpForwardTrigger="<tab>"
let g:UltiSnipsJumpBackwardTrigger="<s-tab>"
let g:UltiSnipsSnippetDirectories=[${HOME}.'/.vim/Ultisnips']
let g:UltiSnipsEditSplit="vertical"
```

Python interpolation

Place at top snippet files to import Python helper functions:

```
from snippet_helpers import *
```

`!p 1+1` Run python code
`!p fn` Current filename
`!p path` Path of current file
`!p t[1]` Value of tabstop 1
`match` Matching elements returned from code

‘!p snip’ Built-in UltiSnips object

snip.mkline(line="", indent=None) Returns line to be appended
snip.shift(amount=1) Shifts right
snip.unshift(amount=1) Shifts left
snip.reset_indent() Resets indentation
snip.opt(var, default) Check if `var` is set, else return `default`
snip.rv Value returned from snippet
snip.c Current value of snippet
snip.v Value of selected text
snip.fn Filename
snip.basename File basename
snip.ft Filetype
snip.p Last selected placeholder

`!p snip.rv = float(t[1])/float(t[2])` Return `$1/$2`

Important files

~/.vim/UltiSnips/*.snippets
~/.vimrc
~/.vim/pythonx/snippet_helpers.py

Links and information

Screencasts

Github

Maths notes in LaTeX

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