

Install the Vim Cfengine plugin

1. Be a mortal user.
2. `mkdir ~/src`
3. `cd ~/src`
4. `git clone https://github.com/neilhwatson/vim_cf3.git`
5. `ln -s ~/src/vim_cf3/ftplugin/cf3.vim ~/.vim/ftplugin/`
6. `ln -s ~/src/vim_cf3/syntax/cf3.vim ~/.vim/syntax/`
7. `ln -s ~/src/vim_cf3/snippets ~/.vim/snippets`
8. `ln -s ~/src/vim_cf3/doc/cf3.txt ~/.vim/doc/`

Minimum .vimrc

```
set smartindent
set autoindent
syntax on
filetype plugin indent on

:helptags ~/.vim/doc/
au BufRead,BufNewFile *.cf set ft=cf3
" enable vim_cf3 plugin abbreviations
let g:EnableCFE3KeywordAbbreviations=1

fun! Getchar()
    let c = getchar()
    if c != 0
        let c = nr2char(c)
    endif
    return c
endfun

fun! Eatchar(pat)
    let c = Getchar()
    return (c =~ a:pat) ? '' : c
endfun
```

Skeleton policy

```
vim prototype.cf
,k
1 body common control
2 +-- 5 lines: {-----
7
8 bundle agent main
9 +-- 5 lines: {-----
14
15 bundle agent test
16 +-- 3 lines: {-----
```

Skeleton policy, folds

Unfold with zR

```
1 body common control
2 {
3     bundlesequence => {
4         "main",
5     };
6 }
7
8 bundle agent main
9 {
10     methods:
11
12         "any" usebundle => test;
13 }
14
15 bundle agent test
16 {
17
18 }
```

Abbreviations

`var<space>` becomes `vars:`

- `= =>`
- `ba` bundle agent
- `bc` bundle common
- `bu` bundle
- `cla` classes:
- `comma` commands:
- `fil` files:
- `met` methods:
- `pro` processes:
- `rep` reports:
- `sli` `slist => {`
- `sysw` `${sys.workdir}`
- `ub` usebundle `=>`

Toggle abbreviations on and off with `,i`.

Quoting

- Place cursor at beginning of word. Press ,q
- 1 one (press ,q)
- 1 "one"

Quoting

- Visually (v) select words, one per line. Press ,q

```
1 one  
2 two  
3 three
```

```
1 "one",  
2 "two",  
3 "three",
```

Tidy code 1

```
vars:  
  "one" string => "first";  
  "three" string => "third";  
  "nine" string => "ninth";
```

Cursor on any 'string' line. Press <ESC>=.

```
vars:  
  "one"      string => "first";  
  "three"    string => "third";  
  "nine"     string => "ninth";
```


Tidy code 2

commands:

```
"${cmd[${c}][1]}" -> { "${cmd[${c}][5]}" }  
  comment => "Run desired command",  
  handle  => "efl_command_commands",  
  ifvarclass => "${cmd[${c}][0]}",  
  contain => contain_efl_command( "${cmd[${c}][2]}" ),  
  module  => "${cmd[${c}][3]}";
```

Place cursor on any '=>' line. Press ,=.

commands:

```
"${cmd[${c}][1]}" -> { "${cmd[${c}][5]}" }  
  comment      => "Run desired command",  
  handle       => "efl_command_commands",  
  ifvarclass   => "${cmd[${c}][0]}",  
  contain      => contain_efl_command( "${cmd[${c}][2]}" ),  
  module       => "${cmd[${c}][3]}";
```

Hacking vim_cf3

- Ftplugin
- Snippets
- Syntax
- Tools

Questions



Thank you

