
sufler Documentation

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Sufler provides the ability to easily add new completions for commands.

The tool use completions for commands from .yaml files. Sufler support shells:

- Bash
- Fish
- Zsh
- Powershell

1.1 Installation

To install Sufler, open an interactive shell and run:

```
bash -c "$(curl -fsSL https://raw.githubusercontent.com/limebrains/sufler/master/
↪install.bash)"
```

Or to specify installation directory and type of shell:

```
bash -c "shell='bash_or_zsh';install_dir='absolute_path';$(curl -fsSL https://raw.
↪githubusercontent.com/limebrains/sufler/master/install.bash)"
```

1.2 Using Sufler

After installation just type command you like and press **Tab**.

1.2.1 User guide

For using Sufler we only need to know what arguments our commands takes and optionally their order.

Creation of completion

For example, we want to add completion for command **Food**, so we need to add his arguments in nodes after **:**.

```
'food': &food
  'fruit': &fruit
    'orange': *fruit
    'banana': *fruit
    'strawberry': *fruit
```

```
'grape':
  'green':
  'red':
'grapefruit':
  'ruby red':
  'yellow':
'--seedless=': &seedless
  'true': *food
  'false': *food

'<Exec> ls':
  'rm':
```

Note: All name of nodes need to be in ‘

Note: After add last elements in complete tree, just leave “:” after last node

Note: We can add reference to any node of tree. E.g. if we want to repeat completions from ‘fruit’ after ‘orange’, between node and subnodes of fruit add anchor ‘&’ with name of reference ‘&fruit’. When we have anchor just add reference ‘*’ to food ‘*food’.

Advanced

Sufler has implemented support for advanced markers:

- **<File>**

File marker allow to display in autocomplete all files in current directory. .. code:

```
'-r':
  '<File>': *food
```

Note: File can autocomplete path to nested files if used **rec** parameter(‘<File rec>’).

- **<Exec>**

Exec mark allow to get output of shell commands as completion. .. code:

```
'fruit': &fruit
  '-f':
    '<Exec> ls /': *food
```

Note: Shell command need to be after closed mark.

- **<Regex>**

Regex mark check that entered string match the expression. If True return what nested node as completion else suggest current node.

```
'--color':
  'red': *food
  'white': *food
```



```
'blue': *food  
'<Regex>.+ack': *m
```

- **<Run>**

Run mark allow to use earlier selections to complete and execute command.

```
'fruit': &fruit  
  '<Exec> ls':  
    'cat':  
      '<Run> TREE~1 TREE~2':
```

In example we use output of *ls* command and use *cat* to display on screen.

Note: In order to use the previous arguments, we can use TREE tags and the number given after '~'. The number refers to the previous items and starts at 1.

1.2.2 Indices and tables

- genindex
- modindex
- search

1.2.3 Modules

Look into source code of sufler

Complete methods

Cli methods

Indices and tables

- genindex
- modindex
- search