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# **gen\_cc\_mod Documentation**

*Release*

*[https://github.com/vroncevic/gen\\_cc\\_mod/releases](https://github.com/vroncevic/gen_cc_mod/releases)*

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## Contents

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<b>1</b>	<b>Installation</b>	<b>3</b>
<b>2</b>	<b>Dependencies</b>	<b>5</b>
<b>3</b>	<b>Shell tool structure</b>	<b>7</b>
<b>4</b>	<b>Copyright and licence</b>	<b>9</b>
<b>5</b>	<b>Indices and tables</b>	<b>11</b>



**gen\_cc\_mod** is shell tool for generating C++ modules.

Developed in `bash` code: **100%**.

The README is used to introduce the tool and provide instructions on how to install the tool, any machine dependencies it may have and any other information that should be provided before the tool is installed.



# CHAPTER 1

## Installation



The image shows a terminal window with a dark background. On the left side, there is a large ASCII art logo composed of green and red characters, resembling a stylized 'S' or a similar symbol. On the right side, the terminal displays system information in a red and green monospace font. At the bottom of the terminal, there is a color calibration bar with several colored squares.

```
vroncevic@debtux
-----
OS: Debian GNU/Linux 11 (bullseye) x86_64
Host: 20F5S80B00 ThinkPad X260
Kernel: 5.10.0-8-amd64
Uptime: 34 mins
Packages: 3372 (dpkg)
Shell: bash 5.1.8
Resolution: 1366x768
DE: GNOME 3.38.4
WM: Mutter
WM Theme: Adwaita
Theme: Adwaita-dark [GTK2/3]
Icons: Adwaita [GTK2/3]
Terminal: terminator
CPU: Intel i5-6200U (4) @ 2.800GHz
GPU: Intel Skylake GT2 [HD Graphics 520]
Memory: 2907MiB / 7390MiB
```

Navigate to release page download and extract release archive.

To install **gen\_cc\_mod** type the following

```
tar xvzf gen_cc_mod-x.y.tar.gz
cd gen_cc_mod-x.y
cp -R ~/sh_tool/bin/ /root/scripts/gen_cc_mod/ver.x.y/
cp -R ~/sh_tool/conf/ /root/scripts/gen_cc_mod/ver.x.y/
cp -R ~/sh_tool/log/ /root/scripts/gen_cc_mod/ver.x.y/
```

Or You can use Docker to create image/container.



## CHAPTER 2

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### Dependencies

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**gen\_cc\_mod** requires next modules and libraries

- sh\_util [https://github.com/vroncevic/sh\\_util](https://github.com/vroncevic/sh_util)



## CHAPTER 3

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### Shell tool structure

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**gen\_cc\_mod** is based on MOP.

Shell tool structure

```
sh_tool/
├── bin/
│   ├── center.sh
│   ├── display_logo.sh
│   └── gen_cc_mod.sh
├── conf/
│   ├── gen_cc_mod.cfg
│   ├── gen_cc_mod.logo
│   ├── gen_cc_mod_util.cfg
│   └── template/
│       ├── cc_editorconfig.template
│       ├── cc_source.template
│       └── h_header.template
└── log/
    └── gen_cc_mod.log
```



## CHAPTER 4

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### Copyright and licence

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Copyright (C) 2017 by [vroncevic.github.io/gen\\_cc\\_mod](https://vroncevic.github.io/gen_cc_mod)

**gen\_cc\_mod** is free software; you can redistribute it and/or modify it under the same terms as Bash itself, either Bash version 4.2.47 or, at your option, any later version of Bash 4 you may have available.

Lets help and support FSF.



## CHAPTER 5

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### Indices and tables

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- `genindex`
- `modindex`
- `search`