AUSTIN
CHEATSHEET

for version 3.2

INSTALL

```
sudo snap install austin --classic       🐧
```
```
brew install austin                        
```
```
choco install austin                       
```
```
scoop install austin                       
```
```
conda install -c conda-forge austin     🐧 
```

LAUNCH

Start a script
```
austin python myscript.py
```

Start an executable script
```
austin ./myscript.py
```

Start a module
```
austin python -m mymodule
```

Attach to a running process
```
austin -p 123
```

Attach to child processes
```
austin -C python my_multiproc_script.py
```
```
austin -Cp 123
```

Set sampling interval
```
austin -p 123 -i 10ms
```

Exposure
```
austin -x 3s ./myscript.py
```

Set start-up timeout (on slow machines)
```
austin -p 123 -t 1s
```

Set heap size (for accurate results)
```
austin -h 512 python -m mymodule
```

MODE

Wall clock time
```
austin python myscript.py
```

CPU time
```
austin -s python myscript.py
```

Memory
```
austin -m python myscript.py
```

Wall clock time and garbage collector
```
austin -g python myscript.py
```

CPU time and garbage collector
```
austin -sg python myscript.py
```

All metrics
```
austin -f python -m mymodule
```

All metrics and garbage collector
```
austin -fg -p 123
```

OUTPUT

Emit to STDOUT (Python STDOUT suppressed)
```
austin python -m mymodule
```

Redirect to file (Python STDOUT suppressed)
```
austin -p 123 > /path/to/samples.austin
```

Pipe to other tools (Python STDOUT suppressed)
```
austin -P ./myscript.py | ./flamegraph.pl > fg.svg
```

Emit to file (Python STDOUT preserved)
```
austin -o /path/to/samples.austin -p 123
```
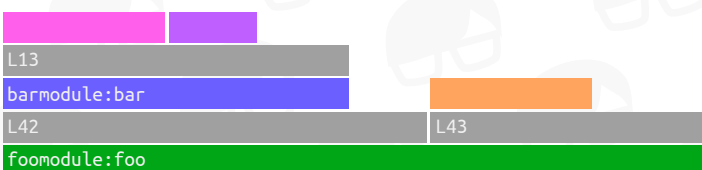
FORMAT

Default
```
austin ./myscript.py
```



```
barmodule:bar:13
foomodule:foo:42        foomodule:foo:43
```

Alternative
```
austin -ap 123
```



```
L13
barmodule:bar
L42        L43
foomodule:foo
```

TOOLS

Austin TUI
```
pipx install austin-tui          🐧   
```

Austin VS Code
```
code --install-extension p403n1x87.austin-vscode  🐧   
```