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# **clint**

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This is NOT the official documentation. Just a bunch of notes being put together by Amit Saha. However, I am putting it together to make it the official documentation.



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## Contents

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### 1.1 Getting Started with Clint

`clint` (Command Line Interface Tools) is a Python package providing a set of awesome tools for developing command line applications. It has support for printing in color, indented printing, column printer and a number of other features. Let's get started.

#### 1.1.1 Installing Clint

`clint` is installed via `pip`. On Fedora Linux, you would do `sudo pip-python install clint`.

#### 1.1.2 Printing in color

We will explore `clint`'s feature to print in color in this section. Consider the following example:

```
>>> from clint.textui import puts, colored
>>> puts(colored.red('Text in Red'))
Text in Red
```

Note that the above text is in red. Likewise, you can use the other colors. Consider the next script:

```
#!/usr/bin/env python
# Print text in all colors

from clint.textui import colored, puts

if __name__ == '__main__':
    for color in colored.COLORS:
        puts(getattr(colored,color)('Text in {0:s}'.format(color.upper())))
```

This script produces the following output:

```
Text in RED
Text in GREEN
Text in YELLOW
Text in BLUE
Text in BLACK
Text in MAGENTA
Text in CYAN
Text in WHITE
```

### 1.1.3 Indented printing

Let's say you want to print indented text. Its simple with `clint`:

### 1.1.4 Column printing

### 1.1.5 Progress bar functionality

### 1.1.6 Prompting

### 1.1.7 Argument Parsing

### 1.1.8 Working with Pipes

### 1.1.9 Configuration files

## 1.2 Hacking Clint

### 1.2.1 Implementation of Indentation

TBD

Uses context managers in `clint/core.py` <http://docs.python.org/library/contextlib.html#contextlib.contextmanager>

TBD



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## API Documentation

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### 2.1 clint

#### 2.1.1 clint Package

`clint` Package

`arguments` Module

`eng` Module

`pipes` Module

`resources` Module

`utils` Module

**Subpackages**

`packages` Package

`appdirs` Module

`ordereddict` Module

**Subpackages**

`colorama` Package

`colorama` Package

`ansi` Module

`ansitowin32` Module

**initialise** Module

**win32** Module

**winterm** Module

**textui** Package

**textui** Package

**colored** Module

**cols** Module

**core** Module

**formatters** Module

**progress** Module

**prompt** Module

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## Additional Notes

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Contribution notes and legal information are here for the interested.

### 3.1 Contribute

Python-guide is under active development, and contributors are welcome.

If you have a feature request, suggestion, or bug report, please open a new issue on [GitHub](#). To submit patches, please send a pull request on [GitHub](#). Make sure you add yourself to [AUTHORS](#).

If you'd like to contribute, there's plenty to do. Here's a short todo list.

### 3.2 License

TBD.