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# **pyleftpad Documentation**

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Python version of [left pad](#).



# CHAPTER 1

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## Install

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```
$ pip install pyleftpad
```





## CHAPTER 2

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### Usage

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There are two way to use `pyleftpad`. First of all, you can use `leftpad()` function from `leftpad` module in your Python script.

```
from leftpad import leftpad

def main():
    print(leftpad('hello world', 40))

main()
```

Second of all, you can use directly *leftpad* command in your shell.

... code-block:: bash

```
$ leftpad -l 40 "hello world"
```

## 2.1 leftpad — Python version Left Pad

It is Python version of Javascript library named `left pad`

### 2.1.1 leftpad.cli — Left Pad Command Line Interface

`pyleftpad` provide CLI called *leftpad* which one can use on your shell.

```
$ pip install pyleftpad
$ leftpad -n 10 foo
    foo
$ leftpad -n 3 -f 0 7
007
```

`pyleftpad.cli.arg_parser()`  
Create argument parser using `argparse.ArgumentParser`.

`pyleftpad.cli.main()`  
Main function to be executed by CLI.

## 2.1.2 `pyleftpad.func` — Left Pad functions

Define left pad functions.

`pyleftpad.func.leftpad(source, length, fill_value=None)`  
String left pad.

```
>>> leftpad('foo', 5)
'  foo'
>>> leftpad('foobar', 6)
'foobar'
>>> leftpad(1, 2, '0')
'01'
>>> leftpad(17, 5, 0)
'00017'
```

### Parameters

- **source** (`str` or `int`) – A string or integer.
- **length** (`int`) – A length of result.
- **fill\_value** (`str` or `int`) – A value that filled in padded space.

**Returns** A padded string.

**Return type** `str`

## CHAPTER 3

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