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# **luiji Documentation**

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Here are the luigo API's details.

### 1.1 luijo

Extensions for Spotify's Luigi.

### 1.2 luijo.config

Say something descriptive about the 'config' module.

```
class luijo.config.FileSystem(*args, **kwargs)
    Bases: luigi.task.Config
```

These are configuration settings to which we can refer when working with the local file system.

**Variables** `target_home_dir` – the default home directory for local targets

`target_home_dir` = <luigi.parameter.Parameter object>

```
luijo.config.find_configs() → typing.Iterable[str]
```

This function attempts to find the current Luigi :return:

### 1.3 luijo.errors

Something went wrong? It did.

```
exception luijo.errors.LuijoException(message: str, inner: Exception = None)
    Bases: Exception
```

This is a common base class for all custom luijo exceptions.

`__init__` (*message: str, inner: Exception = None*)

**Parameters**

- **message** – the exception message
- **inner** – the exception that caused this exception

**args**

**inner**

Get the inner exception that caused this exception. :return: the inner exception

**message**

Get the exception message. :return: the exception message

**with\_traceback** ()

Exception.with\_traceback(tb) – set self.\_\_traceback\_\_ to tb and return self.

## 1.4 luijo.mock

Say something descriptive about the ‘testing’ module.

**class** `luijo.mock.MockTask` (*\*args, \*\*kwargs*)

Bases: `luigi.task.Task`

This is a mock task. It has no requirements, performs no actual work, and specifies a `luijo.mock.MockTarget` as its output. Use it when it might be handy.

**output** () → `luijo.mock.MockTarget`

This implementation returns a mock target.

**Returns** a mock target

**requires** ()

This task has no requirements.

**Returns** an empty iteration

**run** ()

Running the task has no effect.

## 1.5 luijo.targets

Luigi targets, plus just a little more.

**class** `luijo.targets.LocalObjectTarget` (*path=None, format=None, is\_tmp=False*)

Bases: `luigi.local_target.LocalTarget`

This is a local target you can use to serialize a Python object to a file.

**deserialize** ()

Retrieve the target object.

**Returns** the target object

**serialize** (*obj, format\_: luijo.targets.Serialization = <Serialization.BINARY: 'binary'>*)

Serialize an object to the local target.

**Parameters**

- **obj** – the object you want to serialize
- **format** – the serialization format

**class** `luijo.targets.Serialization`

Bases: `enum.Enum`

These are the supported serialization methods.

**BINARY** = `'binary'`

**JSON** = `'json'`

`luijo.targets.touch` (*local\_target: `luiji.local_target.LocalTarget`*)

You can use this function to create a local target file in cases where you just need it to signify that the task completed.

**Parameters** `local_target` – the local target





## CHAPTER 2

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### Indices and tables

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