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# **knobs**

***Release 2.1.1***

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```
>>> pirates = Knob('JOLLY_ROGER_PIRATES', 124, description='Yar')
>>> pirates.get()
124
>>> pirates.get_type()
>>> <type 'int'>
```

Use knobs if you worship at the church of the [12 Factor App](#)

A knob is a wrapper for an environment variable. It can:

- Read and write an environment variable
- Make sure it is of the expected type
- Validate a value is good.

knobs will search for a nominated environmental file (default `.env`) and load that into the environment. A knob is type aware, configured from the environment and its value can be persisted to ease the creation of configuration files.



# CHAPTER 1

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## Install

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### Install from pypi

```
$ pip install knobs
```

### Install from source

```
$ pip install .
```