physics Documentation

Release 1.0.0

pyTeens

Jun 11, 2018

Contents

1 physics **1**
- 1.1 physics package . . . 1

2 Changelog **3**

3 Welcome to physics! **5**

4 Contents **7**
- 4.1 Installation . . . 7
- 4.2 From PyPi . . . 7
- 4.3 From Github . . . 8
- 4.4 Files . . . 8
- 4.5 How to contribute . . . 8

5 Indices and tables **9**

CHAPTER 1

physics

1.1 physics package

1.1.1 Submodules

1.1.2 physics.errors module

1.1.3 physics.gravity module

1.1.4 physics.numbers module

1.1.5 physics.proportionality module

1.1.6 Module contents

CHAPTER 2

Changelog

physics *Version:* 1.0.0

- Create the whole project

Main Contributors:

- Gabriel Hearot <gabriel@hearot.it>

CHAPTER 3

Welcome to physics!

physics is a simple **Educational library** written in Python. It could be used for your **school projects**.

Have you ever tried to define a number using errors? Calculating gravity? Get a proportionality relation? Now, that's possible and **simple**.

CHAPTER 4

Contents

- *Installation*
  - *Installation from pypi* (using **pip**) - Latest stable version
  - *From Github*
    - *Using pip*
    - *Downloading files*
  - Documentation
- *Files*
- *How to contribute*

4.1 Installation

4.2 From PyPi

Just use **pip**:

```
pip install physics
```

Or if you want to *upgrade* the package:

```
pip install --upgrade physics
```

4.3 From Github

4.3.1 Using Pip

Try using that piece of code:

```
pip install git+https://github.com/pyTeens/physics.git
```

Or if you want to *upgrade* the package

```
pip install --upgrade git+https://github.com/pyTeens/physics.git
```

4.3.2 Downloading files

In primis (from Latin, "firstable"), **clone** the repository:

```
git clone https://github.com/pyTeens/physics.git
```

Then, change directory:

```
cd physics
```

And finally, install the **package**:

```
sudo python3 setup.py install
```

4.4 Files

You'll find lots of *not understandable* **directory** and **files**, so here a list and definitions of them:

- **physics** - *Main directory*
  - **physics/__init__.py** - *Init file, it included all classes*
  - **physics/errors.py** - *Errors class*
  - **physics/gravity.py** - *Gravity class*
  - **physics/numbers.py** - *Numbers class*
  - **physics/proportionality.py** - *Proportionality class*

4.5 How to contribute

In primis ("firstable"), you **must** read the code of conducts and the contributing document, then ask hearot to enter the **organization** (pyTeens).

Copyright (c) 2018 pyTeens. All rights reserved.

CHAPTER 5

Indices and tables

- genindex
- modindex
- search