
elen Documentation

Release 0.1.0

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CHAPTER 1

elen

Efficient Lexicographic Encoding of Numbers for python. Based on ELEN algorithm published by Peter Seymour, <http://www.zanopha.com/docs/elen.pdf>.

- Free software: MIT license
- Documentation: <https://elen.readthedocs.io>.

1.1 Features

- two-way conversion between ELEN notation and Python *decimal.Decimal* instance

1.2 Usage

```
>>> from decimal import Decimal
>>> import elen
>>> elen.decimal(Decimal("3.145"))
'3145-'
```


2.1 Stable release

To install elen, run this command in your terminal:

```
$ pip install elen
```

This is the preferred method to install elen, as it will always install the most recent stable release.

If you don't have [pip](#) installed, this [Python installation guide](#) can guide you through the process.

2.2 From sources

The sources for elen can be downloaded from the [Github repo](#).

You can either clone the public repository:

```
$ git clone git://github.com/rooterkyberian/elen
```

Or download the [tarball](#):

```
$ curl -OL https://github.com/rooterkyberian/elen/tarball/master
```

Once you have a copy of the source, you can install it with:

```
$ python setup.py install
```


CHAPTER 3

Usage

To use elen in a project:

```
import elen
```


4.1 0.1.0 (2017-10-21)

- First release on PyPI.

CHAPTER 5

Indices and tables

- `genindex`
- `modindex`
- `search`