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# **numconv Documentation**

*Release 2.1.1*

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`numconv` is a library that converts strings to numbers and numbers to strings using default or user supplied encoding alphabets, written by [Gustavo Picón](#) and licensed under the Apache License 2.0.



`numconv` has been tested in Python 2.4, 2.5, 2.6, 2.7, 3.0, 3.1, 3.2, PyPy 1.4 and Jython 2.5. Other versions may work but are not supported.

You have several ways to install `numconv`. If you're not sure, just use `pip`

### pip (or easy\_install)

You can install the release versions from [numconv's PyPI page](#) using `pip`:

```
pip install numconv
```

or if for some reason you can't use `pip`, you can try `easy_install`:

```
easy_install --always-unzip numconv
```

### setup.py

Download a release from the [numconv download page](#) and unpack it, then run:

```
python setup.py install
```





`numconv.BASE85`

Alphabet defined in section 4 of [RFC 1924](#). Supposed to be a joke (it is an April's fools RFC after all), but is quite useful because it can be used as a base for the most common numeric conversions.

`numconv.BASE16`

`numconv.BASE32`

`numconv.BASE32HEX`

`numconv.BASE64`

`numconv.BASE64URL`

Alphabets defined in [RFC 4648](#). Not really for common numeric conversion use.

`numconv.BASE62`

Useful for URL shorteners.



## CHAPTER 3

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