polyline Documentation

Release 1.1

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Contents

1 Installation **3**

2 API Documentation **5**

2.1 Encoding 5

2.2 Decoding 5

3 Indices and tables **7**

`polyline` is a Python implementation of Google's Encoded Polyline Algorithm Format (http://goo.gl/PvXf8Y). It is essentially a port of https://github.com/mapbox/polyline built with Python 2 and 3 support in mind.

CHAPTER 1

Installation

`polyline` can be installed using `pip` or `easy_install`:

```
$ pip install polyline
or
$ easy_install polyline
```

CHAPTER 2

API Documentation

2.1 Encoding

To get the encoded polyline representation of a given set of coordinates:

```
from polyline.codec import PolylineCodec
PolylineCodec().encode([(38.5, -120.2), (40.7, -120.9), (43.2, -126.4)])
```

This should return `_p~iF~ps|U_ulL~ugC_hgN~eq`@`.

2.2 Decoding

To get the set of coordinates reprented by a given encoded polyline string:

```
from polyline.codec import PolylineCodec
PolylineCodec().decode('u{~vFvyys@fS]')
```

This should return `[(40.63179, -8.65708), (40.62855, -8.65693)]`.

CHAPTER 3

Indices and tables

- *genindex*
- *modindex*
- *search*