
typedinterpolation Documentation

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User's guide

1.1 Introduction

TypedInterpolation provides additional `interpolations` for the `configparser` module.

All the provided interpolations use `ast.literal_eval()` to convert strings to Python literal structures. Also, when setting an option, the value is automatically converted to a string.

1.1.1 Installation

Installing TypedInterpolation is simple with `pip`:

```
$ pip install typedinterpolation
```

or with `easy_install`:

```
$ easy_install requests
```

1.2 Tutorial

First, make sure that `typedinterpolation` is *installed*

1.2.1 Use basic typed interpolation

Begin by importing the `configparser` and the `typedinterpolation` module:

```
>>> import configparser
>>> import typedinterpolation
```

Now, we create a `configparser.ConfigParser` instance that uses the `typedinterpolation.TypedBasicInterpolation`.

```
>>> config = configparser.ConfigParser(interpolation=typedinterpolation.TypedBasicInterpolation())
```

Let's test it with parsing a string:

```
>>> config.read_string("[main]\ntest = 1")
>>> config['main']['test']
1
>>> type(_)
<class 'int'>
```

API

2.1 Developer Interface

class `typedinterpolation.TypedInterpolationMixin`

Mixin class to use with `interpolations`.

before_get (*self, parser, section, option, value, defaults*)

Use `ast.literal_eval()`. Returns a python literal.

before_set (*self, parser, section, option, value*)

Convert value to string automatically. Returns a string.

class `typedinterpolation.TypedInterpolation`

Interpolation that connects `typedinterpolation.TypedInterpolationMixin` with `configparser.Interpolation`.

class `typedinterpolation.TypedBasicInterpolation`

Interpolation that connect `typedinterpolation.TypedInterpolationMixin` with `configparser.BasicInterpolation`.

class `typedinterpolation.TypedExtendedInterpolation`

Interpolation that connect `typedinterpolation.TypedInterpolationMixin` with `configparser.ExtendedInterpolation`.

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