
python-redict Documentation

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Carlo Smouter

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A tool to rewrite dictionary & json key mappings.

Contents:

Installation

1.1 Pip

- Install the package with `pip` in your terminal:

```
pip install python-redict
```

- Or install the package directly from Github:

```
pip install git+https://github.com/lockwooddev/python-redict.git
```

1.2 Running tests

To run the tests, you need to install the test requirements with `pip`:

```
$ pip install -e .[tests]
```

Now you can run the tests from the root folder of the package:

```
$ make tests
```

Usage

2.1 DictRemapper

This class can remap a dictionary if a keymap is passed as argument.

```
import redirect

keymap = {
    'message': 'm',
    'user': 'u',
    'permissions': 'p',
    'role': 'r',
}

data = {
    'message': 'hello world',
    'user': 1,
    'permissions': [
        {'role': 1, },
        {'role': 2, },
        {'role': 3, },
    ]
}

remapped = redirect.DictRemapper(data, keymap=keymap)()
```

Results in:

```
{
    'm': 'hello world',
    'u': 1,
    'p': [
        {'r': 1, },
        {'r': 2, },
        {'r': 3, },
    ]
}
```

Note: Currently using integers as dict keys are not supported.

2.2 JsonRemapper

This class can remap a json string if a keymap is passed as argument. In case you're working with big json files, it can help to reduce the size of your json files.

```
import redict
```

```
keymap = {
    'message': 'm',
    'user': 'u',
    'permissions': 'p',
    'role': 'r',
}

json_string = (
    '{"message': 'hello world', 'user': 1, '
    'permissions': [{'role': 1, }, {'role': 2, }, {'role': 3, }]}')

remapped = redict.JsonRemapper(json_string, keymap=keymap)()
```

Results in:

```
'{\'m\': \'hello world\', \'u\': 1, \'p\': [{\'r\': 1, }, {\'r\': 2, }, {\'r\': 3, },]}'
```

You can also minify the result:

```
remapped = redict.JsonRemapper(json_string, keymap=keymap, minify=True)()

'\'m\':\'helloworld\',\'u\':1,\'p\':[{\'r\':1,},{\'r\':2,},{\'r\':3,},]'
```

Indices and tables

- *genindex*
- *modindex*
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