
Dealer Documentation

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Welcome to Dealer's documentation.

Dealer — [SCM](#) revision helper in your projects. Just add [SCM](#) revision to your static paths and get automatic control at client browser caches:

Somewhere in templates:

```
<script src='/main.js?{{ request.revision }}'
```

On clientside:

```
<script src='/main.js?34jhfd45hd8'
```

Supported [Git](#), [Mercurial](#) and simple revision parse by file.

Note: You should install [Mercurial](#) for hg support.

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Part I

Requirements

- python (2.6, 2.7, 3.3)

Part II

Installation

Dealer should be installed using pip:

```
pip install dealer
```


Part III

Usage

Basic usage

```
from dealer.git import git
print git.revision
print git.tag
```

```
# Auto parse repository type
from dealer.auto import auto
print auto.revision
print auto.tag
```

Manually create backend

path — path to *SCM* repository (current dir by default)

```
from dealer.mercurial import Backend
hg = Backend('/path/to/hg/repo')
```

Django support

3.1 Settings

DEALER_TYPE — Type of **SCM** repository ('auto', 'git', 'mercurial', 'simple', 'env', 'null'). By default 'auto';

DEALER_PATH — Path to **SCM**. By default current dir;

DEALER_SILENT — Disable log warnings;

DEALER_BACKENDS — Backends for auto search by default ('git', 'mercurial', 'simple', 'env', 'null');

3.2 Context-processor

Append to your settings:

```
TEMPLATE_CONTEXT_PROCESSORS += 'dealer.contrib.django.context_processor',
```

And use the *REVISION* and *TAG* variables in your templates:

```
<link href="/test.css?{{ REVISION }}" rel="stylesheet" type="text/css" media="screen" />
<script src="/test.js?{{ REVISION }}"></script>
```

3.3 Middleware

Append to your settings:

```
MIDDLEWARE_CLASSES += 'dealer.contrib.django.Middleware',
```

And use in your views:

```
def view(request):
    return request.revision
```

Or in your templates by *request.revision* var.

Flask support

4.1 Settings

DEALER_TYPE — Type of *SCM* repository ('auto', 'git', 'mercurial', 'simple', 'env', 'null'). By default 'auto'
DEALER_PARAMS — Params for backend

4.2 Usage

In views:

```
from flask import Flask, g
from dealer.contrib.flask import Dealer

app = Flask('test')
Dealer(app)
assert app.revision

@app.route('/')
def usage_in_view():
    return g.revision
```

In templates:

```
<link href="/test.css?{{ REVISION }}" rel="stylesheet" type="text/css" media="screen" />
```

Pyramid support

```
config.include('dealer.contrib.pyramid')
```

```
def myview(request):  
    revision = request.registry.dealer.revision  
    tag = request.registry.dealer.tag
```

In templates

```
Revision: {{DEALER_REVISION}}  
Tag: {{DEALER_TAG}}
```


6.1 Settings

DEALER_TYPE = 'env' *DEALER_PARAMS*:

revision_env_keyname - Variable name for revision (default: **DEALER_REVISION**)

tag_env_keyname - Variable name for tag (default: **DEALER_TAG**)

6.2 Usage

Setup your revision and tag value in environment variables. For example in Heroku.com:

```
heroku config:set DEALER_REVISION='3ffb6b6'  
heroku config:set DEALER_TAG=v1_1
```

After that use dealer as described above.

Part IV

Bug tracker

If you have any suggestions, bug reports or annoyances please report them to the issue tracker at <https://github.com/klen/Dealer/issues>

Part V

Contributing

Development of dealer happens at github: <https://github.com/klen/dealer>

Part VI

Contributors

- [klen](#) (Kirill Klenov)

Part VII

License

Licensed under a [BSD license](#).