djed.static Documentation

Release 0.2

Djed developers

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djed.static integrates BowerStatic into the Pyramid Web Framework. BowerStatic is a WSGI component that can serve static resources from front-end packages (JavaScript, CSS) that you install through the Bower package manager.

CHAPTER 1

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1.1 Getting Started

Install the package into your python environment:

```
pip install djed.static
```

Include it in your Pyramid application:

```
config.include('djed.static')
```

Initialize a `bower_components` directory:

```
config.init_bower_components('myapp:static/bower_components')
```

Include desired Bower packages on your page. You can do this in templates or somewhere else in your code:

```
request.include('bootstrap')
```

All required dependencies are also included on the page.

1.2 Local Components

If you develop your own front-end-code (so called "local components"), you can add them as follows:

```
config.add_bower_component('myapp:static/my_component', version='1.0.0')
```

You can retrieve the version of your Pyramid application like this:

```
import pkg_resources

version = pkg_resources.get_distribution('myproject').version
```

You can include local components on page like any other component:

```
request.include('my_component')
```

This includes your front-end-code on the page and all dependencies that are defined in the `bower.json` file.

1.3 Configuration

You can configure djed.static via your ini-file:

```
[app:myapp]
djed.static.components_name = lib
...
```

To understand the ini-setting options, let's take a look at the URL structure that is generated by BowerStatic:

```
/bowerstatic/components/jquery/2.1.1/dist/jquery.js
```

Or for local components:

```
/bowerstatic/local/mycomponent/1.0.0/mycomponent.js
```

The setting options allow you to change the first two parts of the URLs:

djed.static.publisher_signature The first part of the components and local URLs.

default: `bowerstatic`

djed.static.components_name The second part of the components URLs.

default: `components`

djed.static.local_components_name The second part of the local URLs.

default: `local`

1.4 Support and Development

If you've got questions, contact the djedproject mailling list.

To report bugs, use the issue tracker.

Check out trunk version via the Github repository:

```
git clone git@github.com:djedproject/djed.static.git
```

1.5 Change History

1.5.1 0.2 (2015-01-09)

- Added documentation
- Added `ini` setting options

1.5.2 0.1 (2015-01-06)

- Initial release

CHAPTER 2

Indices and tables

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