
django-easy-pjax Documentation

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Enhance the browsing experience of Django sites. Developed at en.ig.ma software shop.

What is PJAX?

PJAX utilizes `pushState` and `Ajax` to load `HTML` from the server into the current page without a full reload. It's `Ajax` with real permalinks, page titles, and a working back button that fully degrades.

Check out the [demo](#) that illustrates this concept in practice and take a look at docs of [jquery-pjax](#) to get more information.

The *django-easy-pjax* app is a helper that makes it trivial to integrate *jquery-pjax* with your Django 1.5+ site.

Quick Start

Include `django-easy-pjax` in your requirements file, add `easy_pjax` to your `INSTALLED_APPS` and make sure that you have the `django.core.context_processors.request` added to `TEMPLATE_CONTEXT_PROCESSORS`.

Then simply add `|pjax:request` filter inside your site template `extends` tag:

```
{% extends "theme_base.html"|pjax:request %}
```

The `pjax` filter will decide which layout template should be extended based on HTTP headers. In the example above it will return `theme_base.html` for regular requests and `pjax_base.html` for PJAX requests.

A generic `pjax_base.html` template is provided by this application, but you may need to copy it to your templates root directory and adjust it to match your project's template blocks.

No other modification to views, code or url configuration is required, so integration with other applications shouldn't be a problem.

The template filter also takes a comma-separated names of *base* and *pjax* templates as the first parameter:

```
{% extends "base.html,pjax_base2.html"|pjax:request %}
```

This is useful if you need to specify another template set.

Un Ajax

jquery-pjax uses cache-busting techniques and appends `_pjax=true` to query string params.

If for some reason you need to remove that param from query strings you can use either the `easy_pjax.middleware.Un AjaxMiddleware` to remove it from all requests before they are passed to Django views, or the `un Ajax` filter to modify urls emitted in templates:

```
<a href="{{ request.get_full_path|un Ajax }}">
```

Documentation

The full documentation is at django-easy-pjax.rtfid.org.

A live demo is at easy-pjax.herokuapp.com. You can run it locally after installing dependencies by running `python demo.py` script from the cloned repository.

License

django-easy-pjax is released under the BSD license.

Other Resources

- GitHub repository - <https://github.com/nigma/django-easy-pjax>
- PyPi Package site - <http://pypi.python.org/pypi/django-easy-pjax>

Please note that the `jquery-pjax` JavaScript library is not bundled with this app and you still need to add proper handling to your browser-side code.

Commercial Support

This app and many other help us build better software and focus on delivering quality projects faster. We would love to help you with your next project so get in touch by dropping an email at en@ig.ma.

8.1 Credits

8.1.1 Development Lead

- Filip Wasilewski <en@ig.ma>

8.1.2 Contributors

- Kacper Krupa (@pagenoare)
- Scott Woodall (@scottwoodall)
- Jan Malte Gerth (@JanMalte)

8.2 History

8.2.1 1.2.0 (2015-04-23)

- Django 1.7/1.8 compatibility (thanks to @scottwoodall)

8.2.2 1.1.0 (2014-01-30)

- Refresh code and compatibility
- Wheel distribution
- Add demo at <http://easy-pjax.herokuapp.com/>
- Drop official support for Django 1.4 (it should still work though)

8.2.3 1.0.0 (2012-05-29)

- First release

Indices and tables

- `genindex`
- `modindex`
- `search`