Project PyDjax Documentation

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Easily Use MathJax with Django without any hassel

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PyDjax is an easy to use application to include MathJax in your django projects without any hassel, and easy configure directly from django settings.

CHAPTER 1

Contents

1.1 Installation and configuration

To install pydjax you can use pip:

```
pip install pydjax
```

Then you have to add `pydjax` app to your `INSTALLED_APPS` and add a `MATHJAX_ENABLED=True` to your settings file.

Then you can put in any template the MathJax javascript using the template tag mathjax_scripts. Example:

```
{% load mathjax %}
<html>
  <head>
    <title>Sample Page</title>
    {% mathjax_scripts %}
  </head>
  <body>
    $$1+1=2$$
  </body>
</html>
```

pydjax uses the CDN mathjax version, if you want to have your own copy of MathJax, you have to download and put it in your static directory, and add the `MATHJAX_LOCAL_PATH` with the path of MathJax on static to your settings. Example

```
MATHJAX_LOCAL_PATH = 'js/libs/mathjax/'
```

1.2 Settings Parameters

- **MATHJAX_ENABLED**

Allow to enable/disable the mathjax app. Example:

```
MATHJAX_ENABLED = True # to enable mathjax on your django project
```

- **MATHJAX_LOCAL_PATH**

Use a local path of MathJax Library instead of the CDN. Example:

```
MATHJAX_LOCAL_PATH = 'js/libs/mathjax/'
```

- **MATHJAX_CONFIG_FILE**

Allow to configure the config file used by mathjax. Example:

```
MATHJAX_CONFIG_FILE = "TeX-AMS-MML_HTMLorMML"
```

The default value is `"TeX-AMS-MML_HTMLorMML"`.

- **MATHJAX_CONFIG_DATA**

Allow to configure the mathjax directly by a python dictionary. Example:

```
MATHJAX_CONFIG_DATA = {
    "tex2jax": {
      "inlineMath":
    [
        ['$','$'],
        ['\\(','\\)']
    ]
    }
}
```

CHAPTER 2

Indices and tables

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