
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.

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":  
        [  
            ['$','$'],  
            ['\\(', '\\\n')]  
        ]  
    }  
}
```

CHAPTER 2

Indices and tables

- `genindex`
- `modindex`
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