
Python Flot Utils Documentation

Release 0.2.1

Brian Luft

November 15, 2016

1	Indices and tables	3
----------	---------------------------	----------

PyFlot makes it easy to generate *flot* graphs. Its primary goal is to allow one to specify data inputs and options in a Python application and generate the appropriate JSON. Common uses of this will be rendering into a template as *flot*() arguments or as the payload of an XHR response. PyFlot takes care of all the annoying details of converting types to match up with how *flot* expects them.

For example:

```
>>> import pyflot
>>> graph = pyflot.Flot()
>>> graph.add_line([(1, 1), (2, 2), (3, 3)])
>>> print graph.series_json
[{"data": [[1, 1], [2, 2], [3, 3]]}]
```

In this simple example the `series_json` is a JSON string in the format expected by *flot*.

The following Django template snippet shows how you might use it in a Django template:

```
<div id="linear-graph" style="width:600px;height:400px"></div>
<script id="source" language="javascript" type="text/javascript">
$(function () {
    $.plot($("#linear-graph"), [{ graph.series_json }], [{ graph.options_json }]);
});
</script>
```

Indices and tables

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