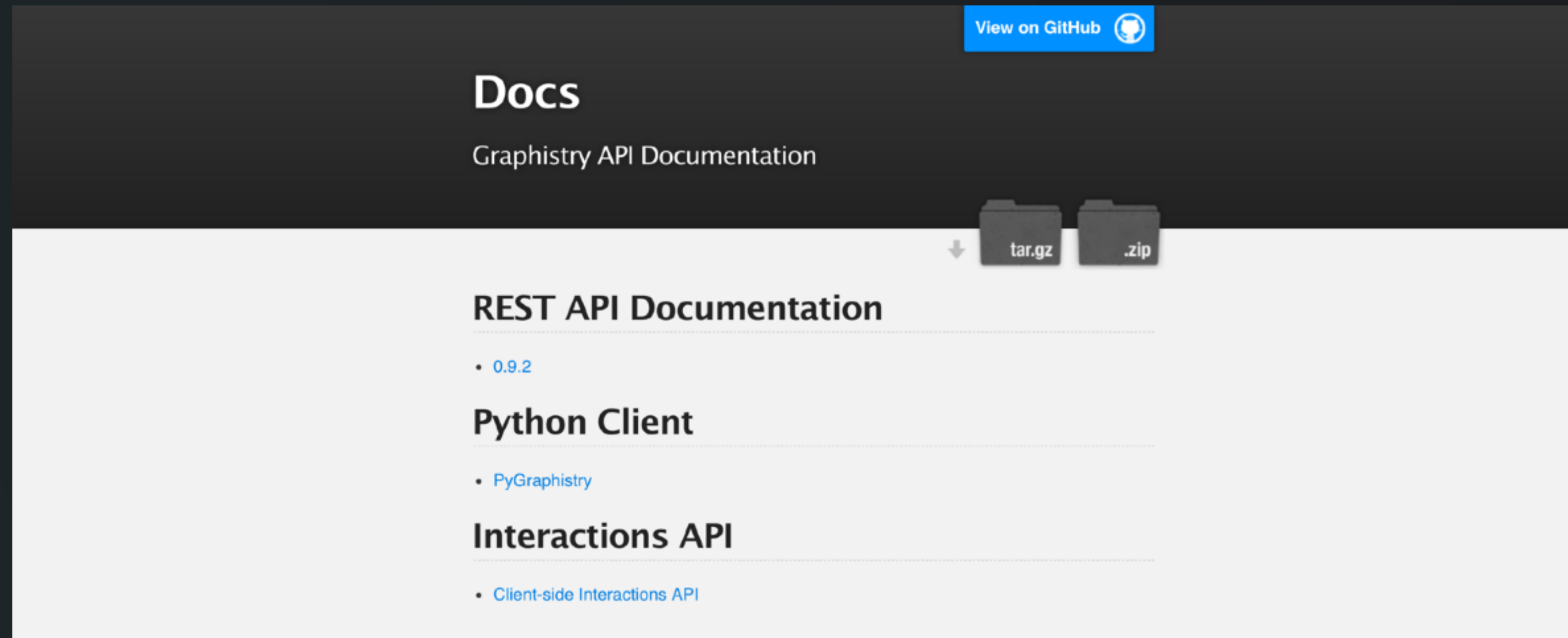


# API References

- Our API References are available online at: <https://graphistry.github.io/docs/>
- And also served by the app at: [https://SERVER\\_LOCATION/docs/](https://SERVER_LOCATION/docs/)



# Tutorial and Demo Notebooks

- Tutorial and Demo notebooks can be found at:  
<https://github.com/graphistry/pygraphistry/tree/master/demos>
- Each one of these notebooks is also prepackaged in the Jupiter Notebook container that is provided in the release

### Quickstart: Graphing Les Misérables

This simple example from our [quickstart walkthrough](#) introduces the basics of PyGraphistry. We also have more advanced tutorials available.

You can [download this notebook](#) to run it locally.

```
In [1]: import pandas
import graphistry

graphistry.register(key='Email pygraphistry@graphistry.com to get your API key')
```

```
In [2]: # Parse CSV using Pandas
links = pandas.read_csv('data/lesmiserables.csv')
```

```
In [3]: # Let's have a peak at our data by printing the first three rows
links[:3]
```

	source	target	value
0	Napoleon	Myriel	1
1	Mlle.Baptistine	Myriel	8
2	Mme.Magloire	Myriel	10

```
In [4]: # Plot graph using the source/target columns as source/destination of edges
plotter = graphistry.bind(source='source', destination='target')
plotter.plot(links)
```

```
Out[4]:
```

```
In [5]: # New graph adding the number of encounters to edge labels.
links['label'] = links.value.map(lambda v: 'Num. Encounters: %d' % v)
plotter = plotter.bind(edge_label='label')
plotter.plot(links)
```