
pyexcel-echarts Documentation

Release 0.0.1

Onni Software Ltd.

Aug 09, 2017

Contents

1	Introduction	3
2	Installation	5
3	Content	7
3.1	Plot echarts	7

Author C.W.

Source code <http://github.com/pyexcel/pyexcel-echarts.git>

Issues <http://github.com/pyexcel/pyexcel-echarts/issues>

License New BSD License

Released 0.0.1

Generated Aug 09, 2017

CHAPTER 1

Introduction

pyexcel-echarts is Draw echars using pyexcel data

CHAPTER 2

Installation

You can install it via pip:

```
$ pip install pyexcel-echarts
```

or clone it and install it:

```
$ git clone https://github.com/pyexcel/pyexcel-echarts.git
$ cd pyexcel-echarts
$ python setup.py install
```


Plot echarts

Pie chart

Here is the source code using pyexcel

```
title = 'Browser usage in February 2012 (in %)'
sheet = pyexcel.get_sheet(file_name='data/pie.csv')
chart = sheet.plot(chart_type='pie', file_type='echarts.html',
                   title=title, width=800, height=600, embed=True, legend_top='bottom')
```

Funnel chart

Here is the source code using pyexcel

```
title = 'Some sales figures'
sheet = pyexcel.get_sheet(file_name='data/funnel.csv')
chart = sheet.plot(chart_type='funnel', file_type='echarts.html',
                   title=title, width=800, height=600, embed=True, legend_top='bottom')
```

Line chart

Here is the source code using pyexcel

```
title = 'Some sales figures'
sheet = pyexcel.get_sheet(file_name='data/line.csv')
chart = sheet.plot(chart_type='line', file_type='echarts.html',
                   title=title, width=800, height=600, embed=True, legend_top='bottom')
```

Gauge chart

Here is the source code using pyexcel

```
title = 'Some sales figures'
sheet = pyexcel.get_sheet(file_name='data/gauge.csv')
chart = sheet.plot(chart_type='gauge', file_type='echarts.html',
                   title=title, width=800, height=600, embed=True, legend_top='bottom')
```

Effectscatter chart

Here is the source code using pyexcel

```
title = 'Effect scatter'
sheet = pyexcel.get_sheet(file_name='data/effectscatter.csv')
chart = sheet.plot(chart_type='effectscatter', file_type='echarts.html',
                   title=title, width=800, height=600, embed=True, legend_top='bottom')
```

Kline chart

Here is the source code using pyexcel

```
title = 'Daily K Line'
sheet = pyexcel.get_sheet(file_name='data/kline.csv')
chart = sheet.plot(chart_type='kline', file_type='echarts.html',
                   title=title, legend='daily k',
                   width=800, height=400, embed=True, legend_top='bottom')
```

Radar chart

Here is the source code using pyexcel

```
title = 'Browser usage in February 2012 (in %)'
sheet = pyexcel.get_sheet(file_name='data/radar.csv')
chart = sheet.plot(chart_type='radar', file_type='echarts.html',
                   title=title, width=800, height=600, embed=True, legend_top='bottom')
```

Bar chart

Here is the source code using pyexcel

```
title = 'Water precipitation vs evaporation in a year'
sheet = pyexcel.get_sheet(file_name='data/bar.csv')
chart = sheet.plot(chart_type='bar', file_type='echarts.html',
                   title=title, width=800, height=600, embed=True, legend_top='bottom')
```

Bar 3D chart

Here is the source code using pyexcel

```

title = 'Example scattered points in 3D'
sheet = pyexcel.get_sheet(file_name='data/bar3d.csv')
range_color = ['#313695', '#4575b4', '#74add1', '#abd9e9',
               '#e0f3f8', '#ffffbf',
               '#fee090', '#fdae61', '#f46d43', '#d73027', '#a50026']
chart = sheet.plot(chart_type='bar3d', file_type='echarts.html',
                   visual_range_color=range_color, is_visualmap=True,
                   visual_range=[0, 20], grid3D_width=200, grid3D_depth=80,
                   title=title, width=800, height=600, embed=True, legend_top='bottom')

```

Heatmap

The same bar3d data is plotted as heatmap:

```

title = 'Example heatmap'
sheet = pyexcel.get_sheet(file_name='data/bar3d.csv')
chart = sheet.plot(chart_type='heatmap', file_type='echarts.html',
                   is_visualmap=True, visual_range=[0, 20],
                   visual_text_color="#000", visual_orient='horizontal',
                   title=title, width=800, height=600, embed=True, legend_top='bottom')

```

Scatter 3D chart

Here is the source code using pyexcel

```

title = 'Example scattered points in 3D'
sheet = pyexcel.get_sheet(file_name='data/scatter_3d.csv')
range_color = ['#313695', '#4575b4', '#74add1', '#abd9e9',
               '#e0f3f8', '#ffffbf',
               '#fee090', '#fdae61', '#f46d43', '#d73027', '#a50026']
chart = sheet.plot(chart_type='scatter3d', file_type='echarts.html',
                   visual_range_color=range_color, is_visualmap=True,
                   title=title, width=800, height=600, embed=True, legend_top='bottom')

```