
pyexcel-gantt Documentation

Release 0.0.1

Onni Software Ltd.

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

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

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CHAPTER 1

Introduction

pyexcel-gantt draws gantt chart using [frappe-gantt.js](#) for pyexcel data. Credit goes to [frappe's gantt chart](#)

Here is a [sample csv](#) file:

```
id,name,start,end,progress,dependencies,custom_class
Task 1,Writing pyexcel-gantt,2017-07-17,2017-07-18,80,,
Task 2,Test pyexcel-gantt,2017-07-19,2017-07-20,10,Task 1,,
Task 3,Write up the documentation,2017-07-21,2017-07-22,0,Task 1,,
Task 4,Release pyexcel-gantt,2017-07-23,2017-07-23,0,"Task 2, Task 3",,bar-milestone
```

What you can do is to view it with pyexcel's [command line interface](#):

```
pyexcel view --in-browser --output-file-type gantt.html demo/tasks.csv
```

Programmatically, you can do the following:

```
import pyexcel as p

p.save_as(file_name='tasks.csv',
          dest_file_name='tasks.gantt.html')
```

Alternatively, you can save the file as:

```
$ pyexcel transcode tasks.csv tasks.gantt.html
```


CHAPTER 2

Known constraints

Fonts, colors and charts are not supported.

Installation

You can install it via pip:

```
$ pip install pyexcel-gantt
```

or clone it and install it:

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

Rendering Options

You can pass the following options to `pyexcel.Sheet.save_as()`. The same options are applicable to pyexcel's signature functions, but please remember to add '**dest_**' prefix.

embed If it is set true, the resulting html will only contain a portion of HTML without the HTML header. And it is expected that you, as the developer to provide the necessary HTML header in your web page.

Embed Setup

Please copy the highlighted lines into the head section of each of your web pages:

```
1 <html><head>
2   <style>
3     body {
4       font-family: sans-serif;
5       background: #ccc;
6     }
7     .container {
8       width: 80%;
9       margin: 0 auto;
10    }
11    .gantt-container {
12      overflow: scroll;
13    }
14    /* custom class */
15    .gantt .bar-milestone .bar-progress {
16      fill: tomato;
17    }
18  </style>
19  <script src="https://cdnjs.cloudflare.com/ajax/libs/moment.js/2.18.1/moment.min.js">
20  ↪</script>
21  <script src="https://cdnjs.cloudflare.com/ajax/libs/snap.svg/0.5.1/snap.svg-min.js">
22  ↪</script>
23  <script src="https://github.com/frappe/gantt/raw/master/dist/frappe-gantt.min.js"></
24  ↪script>
25  </head><body>
26    <!-- here is the embedded gantt -->
27    </body>
28  </html>
```

Then pass on `embed=True` to pyexcel signature functions. It is as simple as that.

CHAPTER 3

License

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