
pyexcel-handsontable Documentation

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Contents

1	Introduction	3
2	Known constraints	5
2.1	Installation	5
2.2	Rendering Options	5
2.3	Embed Setup	6
3	CSS for readthedocs website	7
4	License	9

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

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

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CHAPTER 1

Introduction

pyexcel-handsontable is a rendering plugin to **pyexcel** and renders *pyexcel.Sheet* and *pyexcel.Book* into a **handsontable** in your web page. As long as you have a browser, you could view the data. However, please note that this library does not aim to replace any current excel softwares, such as Microsoft Office. But it aims to extend the capability of a Python user/developer in viewing plain data.

Main features:

1. transform your excel sheets into excel alike html file.
2. embed your excel sheets into your web page

Here is one liner to use it with pyexcel:

```
import pyexcel as p

p.save_as(file_name='your.xls', dest_file_name='your.handsontable.html')
```

Alternatively, you can use this library with pyexcel cli module:

```
$ pip install pyexcel-cli
$ pyexcel transcode your.xls your.handsontable.html
```

Please remember to give this file suffix always: **handsontable.html**. It is because *handsontable.html* triggers this plugin in pyexcel.

Known constraints

Fonts, colors and charts are not supported.

Installation

You can install it via pip:

```
$ pip install pyexcel-handsontable
```

or clone it and install it:

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

Rendering Options

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

js_url The default url for handsontable javascript file points to cdnjs version 0.31.0. You can replace it with your custom url

css_url The default url for handsontable style sheet points to cdnjs version 0.31.0. You can replace it with your custom url

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.

What's more, you could apply [all handsontable's options](#) to the rendering too. for example, 'readOnly' was set to *True* as default in this library. In the demo, 'readOnly' was overridden as *False*.

Embed Setup

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

```

1  <html><head>
2  ...
3  <link rel="stylesheet" type="text/css" href="https://cdnjs.cloudflare.com/ajax/libs/
↪handsontable/0.31.0/handsontable.full.min.css">
4  <script src="https://cdnjs.cloudflare.com/ajax/libs/handsontable/0.31.0/handsontable.
↪full.min.js"></script>
5  <style>
6  body{font-family:Helvetica,sans-serif;margin:2 0 0 0}.tab{margin-bottom:0 !important;
↪text-align:center;list-style:none;padding:0 0 0 10px;line-height:24px;height:26px;
↪overflow:hidden;font-size:12px;font-family:verdana;position:relative;margin:0}.tab
↪li{margin-left:0 !important;float:left;height:24px;border:1px solid #aaa;background:
↪#d1d1d1;background:linear-gradient(top, #ecec 50%, #d1d1d1);display:inline-block;
↪position:relative;z-index:0;border-top-left-radius:6px;border-top-right-radius:6px;
↪box-shadow:0 3px 3px rgba(0,0,0,0.4),inset 0 1px 0 #fff;text-shadow:0 1px #fff;
↪margin:0 -5px;padding:0 20px}.tab li.active{background:#fff;color:#333;z-index:2}.
↪tab li:before{left:-6px;border-width:0 1px 1px 0;box-shadow:2px 2px 0 #d1d1d1}.tab
↪li:after{right:-6px;border-width:0 0 1px 1px;box-shadow:-2px 2px 0 #d1d1d1}.tab a
↪{color:#555;text-decoration:none}.tab:before{position:absolute;content:" ";width:100
↪%;bottom:0;left:0;border-bottom:1px solid #aaa;z-index:1}.tabcontent{margin-top:-
↪1px}
7  </style>
8  ...
9  <body>
10 ...

```

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

CHAPTER 3

CSS for readthedocs website

```
1 <html><head>
2   ...
3   <link rel="stylesheet" type="text/css" href="https://cdnjs.cloudflare.com/ajax/libs/
  ↪handsontable/0.31.0/handsontable.full.min.css">
4   <script src="https://cdnjs.cloudflare.com/ajax/libs/handsontable/0.31.0/handsontable.
  ↪full.min.js"></script>
5   <style>
6   body{font-family:Helvetica,sans-serif;margin:2 0 0 0}.tab{margin-bottom:0 !important;
  ↪text-align:center;list-style:none;padding:0 0 0 10px;line-height:24px;height:26px;
  ↪overflow:hidden;font-size:12px;font-family:verdana;position:relative;margin:0}.tab_
  ↪li{margin-left:0 !important;margin-top:2px !important;float:left;height:24px;
  ↪border:1px solid #aaa;background:#d1d1d1;background:linear-gradient(top, #ecec 50
  ↪%, #d1d1d1);display:inline-block;position:relative;z-index:0;border-top-left-
  ↪radius:6px;border-top-right-radius:6px;box-shadow:0 3px 3px rgba(0,0,0,0.4),inset 0_
  ↪1px 0 #fff;text-shadow:0 1px #fff;margin:0 -5px;padding:0 20px}.tab li.active
  ↪{background:#fff;color:#333;z-index:2}.tab li:before{left:-6px;border-width:0 1px_
  ↪1px 0;box-shadow:2px 2px 0 #d1d1d1}.tab li:after{right:-6px;border-width:0 0 1px_
  ↪1px;box-shadow:-2px 2px 0 #d1d1d1}.tab a{color:#555;text-decoration:none}.tab:before
  ↪{position:absolute;content:" ";width:100%;bottom:0;left:0;border-bottom:1px solid
  ↪#aaa;z-index:1}.tabcontent{margin-top:-1px}
7   </style>
8   ...
9   <body>
10  ...
```

Note: For latest handsontable releases, please visit [cdnjs](https://cdnjs.cloudflare.com/ajax/libs/handsontable/)

CHAPTER 4

License

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