Yii Framework Extensions

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yii2-highcharts-widget Highcharts, Highstock and Highmaps Widgets for Yii2

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This extension brings all the functionality of the popular Yii Highcharts extension to your **Yii2** project.

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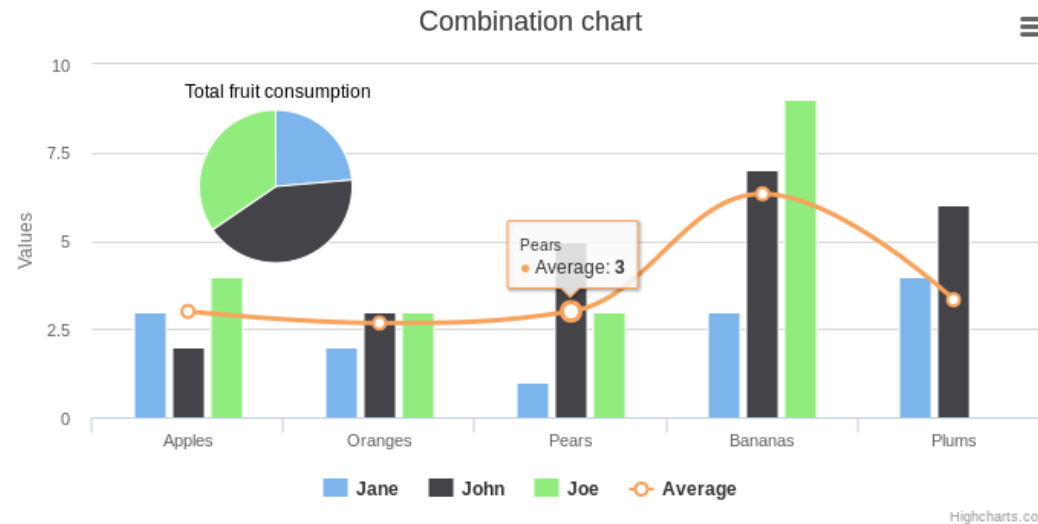widget (282)

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Combination chart

About

Highcharts

> *Create interactive charts easily for your web projects. Used by tens of thousands of developers and 59 out of the world's 100 largest companies, Highcharts is the simplest yet most flexible charting API on the market.*

Highstock

> *Highstock lets you create stock or general timeline charts in pure JavaScript. Including sophisticated navigation options like a small navigator series, preset date ranges, date picker, scrolling and panning.*

Highmaps

> *Build interactive maps to display sales, election results or any other information linked to geography. Perfect for standalone use or in dashboards in combination with Highcharts!*

Links

- [Repository](#)
- [Highcharts demos](#)
- [Report a bug](#)
- [Highcharts Extension for **Yii1**](#)

Note: Highcharts and Highstock are free for non-commercial use only. For more information, please visit the [Highcharts License and Pricing](#) page.

Installation

The preferred way to install this extension is through [composer](#).

Either run

```
php composer.phar require --prefer-dist miloschuman/
```

or add

```
"miloschuman/yii2-highcharts-widget": "*"
```

to the require section of your `composer.json` file.

Usage

Preferred Method (using PHP arrays)

To use this widget, insert the following code into a view file:

```php
use miloschuman\highcharts\Highcharts;

echo Highcharts::widget([
    'options' => [
        'title' => ['text' => 'Fruit Consumption'],
        'xAxis' => [
            'categories' => ['Apples', 'Bananas', 'Oran
        ],
        'yAxis' => [
            'title' => ['text' => 'Fruit eaten']
        ],
        'series' => [
            ['name' => 'Jane', 'data' => [1, 0, 4]],
            ['name' => 'John', 'data' => [5, 7, 3]]
        ]
    ]
]);
```

By configuring the `options` property, you can specify the options that need to be passed to the Highcharts JavaScript object. Please refer to the demo gallery and documentation on the Highcharts website for possible options.

See /doc/examples for more usage examples.

Alternative Method (using JSON string)

Alternatively, you can use a valid JSON string in place of an associative array to specify options:

```
Highcharts::widget([
    'options'=>'{
        "title": { "text": "Fruit Consumption" },
        "xAxis": {
            "categories": ["Apples", "Bananas", "Orange
        },
        "yAxis": {
            "title": { "text": "Fruit eaten" }
        },
        "series": [
            { "name": "Jane", "data": [1, 0, 4] },
            { "name": "John", "data": [5, 7,3] }
        ]
    }'
]);
```

Note: You must provide a *valid* JSON string (with double quotes) when using the second option. You can quickly validate your JSON string online using JSONLint.

Just the Assets

If you merely want to include the Highcharts/Highstock/Highmaps javascript libraries in your view, you can bypass the widget and access the asset bundle directly:

```
use miloschuman\highcharts\HighchartsAsset;
```

```
HighchartsAsset::register($this)->withScripts(['high
```

In this scenario, you would need to write and include your own JavaScript to display the charts, just as illustrated in the Highcharts Demo, Highstock Demo and Highmaps Demo pages.

Tips

- If you need to use JavaScript in any of your configuration options (e.g. inline functions), use Yii's JsExpression object. For instance:

```php
[php]
...
'tooltip' => [
        'formatter' => new JsExpression('function(
],
...
```

  Note, this is currently only possible when using a PHP associative array for configuration.

- Highcharts by default displays a small credits label in the lower right corner of the chart. This can be removed using the following top-level option.

```php
[php]
'credits' => ['enabled' => false],
...
```

- All adapters, modules, themes, and supplementary chart types must be enabled through the top-level 'scripts' option.

```php
[php]
'scripts' => [
    'highcharts-more',   // enables supplementary
    'modules/exporting', // adds Exporting butto
    'themes/grid'        // applies global 'grid
],
...
```

For a list of available scripts, see the contents of `vendor/miloschuman/highcharts/src/assets/` .

- You can access the JavaScript chart object from another script like this:

```javascript
[javascript]
var chart = $('#my-chart-id').highcharts();
```

where `my-chart-id` is set via the top-level `id` configuration option. Just make sure you register your script after the widget declaration so that it has a chance to initialize.

Change Log

v5.0.2 (2016-11-16)

- Upgraded Highcharts JS library to the latest release (5.0.2). See the Highcharts changelog for more information about what's new in this version.

v5.0.0 (2016-10-03)

- Upgraded Highcharts JS library to the latest release (5.0.0).

v4.2.6 (2016-08-07)

- Upgraded Highcharts JS library to the latest release (4.2.6).

v4.2.5 (2016-05-26)

- Upgraded Highcharts JS library to the latest release (4.2.5).
- Fixed #33: SeriesDataHelper does only return 20 datasets
- Added travis.yml

v4.2.3 (2016-02-11)

- Upgraded Highcharts core library to the latest release (4.2.3).

v4.2.2 (2016-02-04)

- Upgraded Highcharts core library to the latest release (4.2.2).

v4.2.1 (2016-01-13)

- Upgraded Highcharts core library to the latest release (4.2.1).

v4.1.10 (2015-12-14)

- Upgraded Highcharts core library to the latest release (4.1.10).

v4.1.9 (2015-10-12)

- Upgraded Highcharts core library to the latest release (4.1.9).

v4.1.8 (2015-09-23)

- Upgraded Highcharts core library to the latest release (4.1.8).

v4.1.7 (2015-07-09)

- Upgraded Highcharts core library to the latest release (4.1.7).

v4.1.6 (2015-06-22)

- Upgraded Highcharts core library to the latest release (4.1.6).

- Fixed issue #8.

[v4.1.5](#) (2015-04-29)

- Upgraded Highcharts core library to the latest release (4.1.5).
- Added SeriesDataHelper class to to make preprocessing data easier. See included [SeriesDataHelper Examples](#) for usage.
- Chart objects are no longer assigned to the generic `chart` variable on initialization. See [Tips](#) above for info on accessing your charts from other scripts.

[v4.0.4](#) (2014-09-25)

- Upgraded Highcharts core library to the latest release (4.0.4).
- Added usage examples in [/doc/examples](#).
- Added HighmapsWidget. See included [Highmaps Widget Example](#) for usage.
- Added callback option to make AJAX loading easier. See included [Highstock Widget Example](#) for usage.

[Previous Releases](#)

- See the [full changelog](#) for earlier versions.

Please use the 'Comments' section only for reviews. If you have questions, requests, bug reports or other feedback, use the links above.

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Category: [User Interface](#)
Tags: [chart](#), [data visualization](#), [graphing](#), [highcharts](#), [highmaps](#), [highstock](#), [javascript](#), [maps](#), [widget](#), [yii2](#)
Developed by: Milo Schuman
Created on: Feb 17, 2014
Last updated: a year ago

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