SM jDashboard - jQuery Plugin - Documentation

Feel free to contact me with any questions at: **_sarathijh@gmail.com_**
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Thanks!

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Prerequisites

jDashboard requires jQuery. If you don't already have jQuery included in your html page, then you can download it here:
http://www.jquery.com/ or you can use the Google Libraries API by adding the following to the head section of your html page.

```
<script type="text/javascript"
src="https://ajax.googleapis.com/ajax/libs/jquery/1.4.3/jquery.min.js"></script>
```

Including the Files

jDashboard consists of two files: jdashboard.min.js and jdashboard.css to include these, add the following to the head section of your html page (make sure jdashboard.min.js is included <u>after</u> jQuery).

```
<link rel="stylesheet" type="text/css" href="jdashboard/jdashboard.css" />
<script type="text/javascript" src="jdashboard/jdashboard.min.js"></script>
```

The HTML

To create a Dashboard, the first thing you have to do is build the html. The basic layout looks like this:

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```
<div id="the_dashboard_id">
      <div class="jdash-item">
            <h1 class="jdash-head">Item Heading</h1>
            <div class="jdash-body">
                  Body Content
            </div>
      </div>
</div>
```

Replace *the_dashboard_id* with a unique id to identify the dashboard. This is required. Each dashboard item consists of a container, a head, and a body. You can add as many items as you want to the Dashboard.

The JavaScript

The second thing you have to do is run the jQuery Plugin. The code will look like this:

```
<script type="text/javascript">
      $(document).ready(function() {
            $("#the_dashboard_id").jDashboard(options);
      });
</script>
```

Options is a JavaScript object with your custom settings for how to create the Dashboard. A list of available options can be found near the end of this document.

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Examle HTML Page

```html
<html>
    <head>
        <title>jDashboard Example</title>
        <script type="text/javascript"
src="https://ajax.googleapis.com/ajax/libs/jquery/1.4.3/jquery.min.js"></script>
        <link rel="stylesheet" type="text/css" href="jdashboard/jdashboard.css" />
        <script type="text/javascript" src="jdashboard/jdashboard.min.js"></script>
        <script type="text/javascript">
            $(document).ready(function() {
                $("#the_dashboard_id").jDashboard(options);
            });
        </script>
    </head>
    <body>
        <div id="the_dashboard_id">
            <div class="jdash-item">
                <h1 class="jdash-head">Item 1 Heading</h1>
                <div class="jdash-body">
                    Body Content.
                </div>
            </div>
            <div class="jdash-item">
                <h1 class="jdash-head">Item 2 Heading</h1>
                <div class="jdash-body">
                    Body Content.
                </div>
            </div>
        </div>
    </body>
</html>
```

Available Options

Options are defined in the jDashboard function like so:

```javascript
// format
$("#the_dashboard_id").jDashboard({
    option_name: option_value,
    option_name_2: option_value_2
});
// example
$("#the_dashboard_id").jDashboard({
    columns: 4,
    dragOpacity: 1
});
```

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columns

Integer | default: 2

Defines the number of columns the dashboard will have.

columnWidth

Integer | default: null

Defines the width(in pixels) of the columns in the dashboard. By default the columns will be evenly spaced across the width of the dashboard.

dragOpacity

Decimal | default: 0.65

Defines the opacity of the dashboard item while it is being dragged. Set to a number from 0 to 1, 0 being completely transparent and 1 being completely opaque.

showSector

Boolean(true/false) | default: true

Defines if the sector(dashed box) will be shown when placing a dashboard item.

Extra CSS Classes

jDashboard also includes a few CSS Classes which you can apply to a dashboard to give it a different look.
These classes can be used like so(put a space between each class):

```
<div id="the_dashboard_id" class="put classes here"></div>
```

padded

Applies a different style to each dashboard item.

plus-minus

Changes the collapse arrows to a plus and minus sign.