

morris.js

good-looking charts shouldn't be difficult

Download v0.5.1

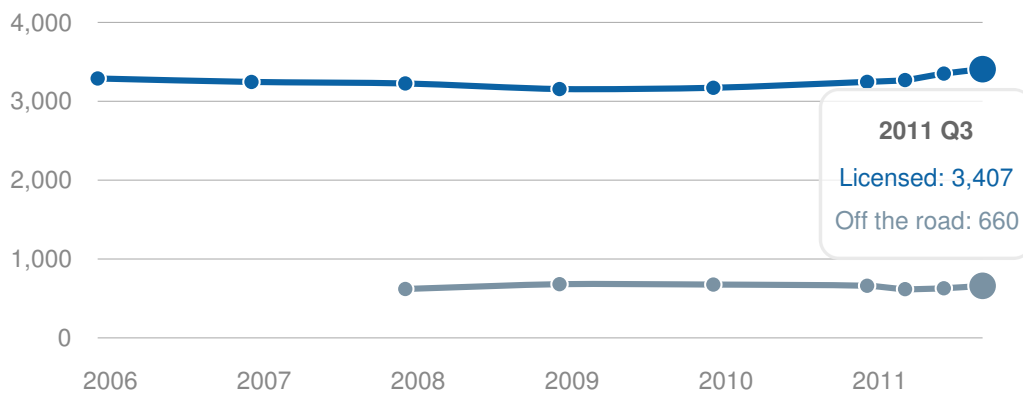
or use [cdnjs](#)

Star 6,177

Fork 1,046

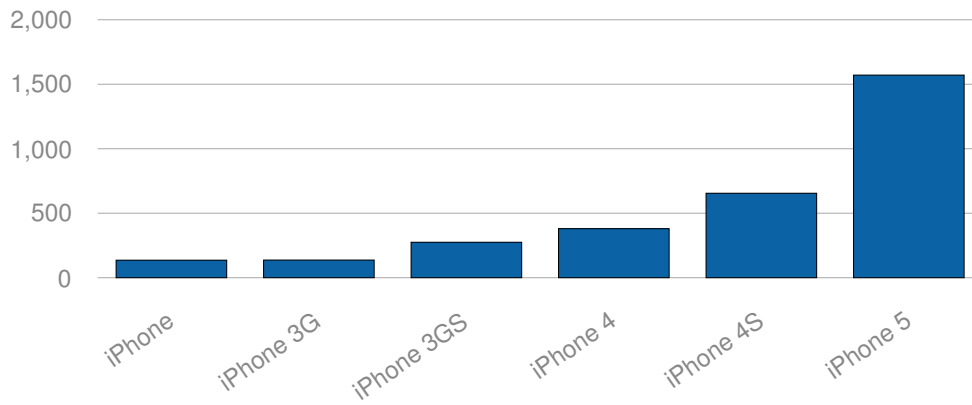
example

Jaguar 'E' Type vehicles in the UK



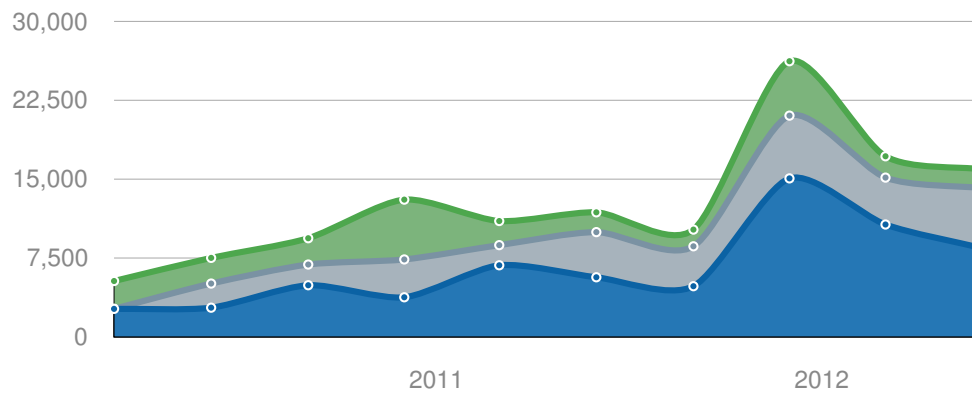
example

iPhone CPU benchmarks



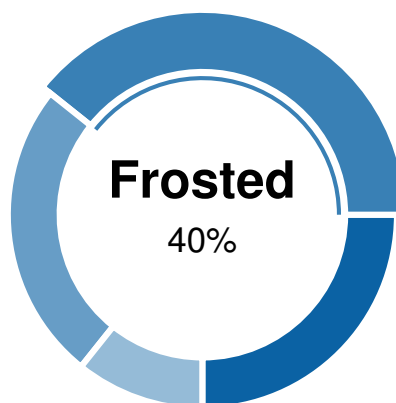
example

Quarterly Apple iOS device unit sales



example

Donut flavours



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Getting started

Add **morris.js** and its dependencies ([jQuery](#) & [Raphaël](#)) to your page.

```
1 <link rel="stylesheet" href="//cdnjs.cloudflare.com/ajax/libs/morris.js/0.5.1/morris.css">
2 <script src="//ajax.googleapis.com/ajax/libs/jquery/1.9.0/jquery.min.js"></script>
3 <script src="//cdnjs.cloudflare.com/ajax/libs/raphael/2.1.0/raphael-min.js"></script>
4 <script src="//cdnjs.cloudflare.com/ajax/libs/morris.js/0.5.1/morris.min.js"></script>
```

If you don't want to use the CDN-hosted assets, then you can extract them from the [zip bundle](#) and upload them to your own site.

Your first chart

Start by adding a `<div>` to your page that will contain your chart. Make sure it has an ID so you can refer to it in your Javascript later.

```
<div id="myfirstchart" style="height: 250px;"></div>
```

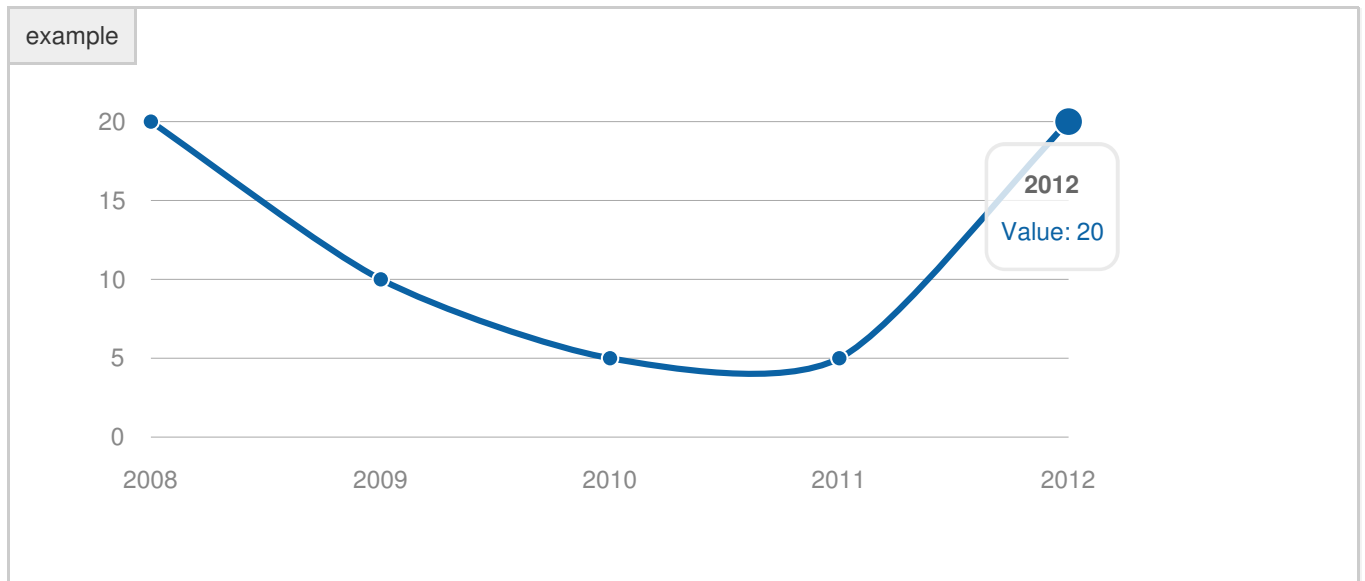
Note: in order to display something, you'll need to have given the div some dimensions. Here I've used inline CSS just for illustration.

Next add a `<script>` block to the end of your page, containing the following javascript code:

```
new Morris.Line({
  // ID of the element in which to draw the chart.
  element: 'myfirstchart',
  // Chart data records -- each entry in this array corresponds to a point on
  // the chart.
  data: [
    { year: '2008', value: 20 },
    { year: '2009', value: 10 },
    { year: '2010', value: 5 },
    { year: '2011', value: 5 },
    { year: '2012', value: 20 }
  ],
  // The name of the data record attribute that contains x-values.
  xkey: 'year',
  // A list of names of data record attributes that contain y-values.
  ykeys: ['value'],
  // Labels for the ykeys -- will be displayed when you hover over the
  // chart.
  labels: ['Value']
});
```

```
});
```

Assuming everything's working correctly, you should see the following chart on your page:



What Next?

Check out the rest of the documentation:

- [Line and area charts](#)
- [Bar charts](#)
- [Donut charts](#)

Also, check out Ryan Bates' excellent RailsCast [#223 Graphs and Charts](#) (note: requires subscription).

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