

Iteration #1: static visualization, predefined data

Iteration #2: static visualization, configurable data

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1 # Getting stock data
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3 This notebook can be called by other notebooks to retrieve stock ticker data from Yahoo! Finance.
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Some example invocations:

```
> get <- rcloud.call.notebook("b83ed14e1799c0808d78")
>
> head(get("GOOG"), n=2)
```

##	Date	Open	High	Low	Close	Volume	Adj.Close	week	wday	year
## 1	2014-03-28	1119	1133	1118	1120	2254700	1120	13	5	2014
## 2	2014-03-27	1131	1132	1102	1114	3822200	1114	13	4	2014

Iteration #3a: data access abstraction

Figure 1 displays four plots related to the interactive comparison between GOOG and MSFT. The top-left plot shows the log(Ratio MSFT/GOOG) on the y-axis (ranging from -6 to 2) against the year on the x-axis (ranging from 1995 to 2012). The data points are colored blue and orange, representing two different groups. The top-right plot shows the log(Ratio MSFT/GOOG) on the y-axis (ranging from -6 to 2) against the year on the x-axis (ranging from 1995 to 2012). The data points are colored blue and orange, representing two different groups. The bottom-left plot shows the year on the x-axis (ranging from 1995 to 2012) against the density on the y-axis (ranging from 0 to 100). The bottom-right plot shows the year on the x-axis (ranging from 1995 to 2012) against the density on the y-axis (ranging from 0 to 100).

Iteration #3b: interactive visualization, configurable data