**Method stubs**

queryData() {

Determine which property you are looking for for a specific api

For example, repo\_name

array = [[‘<type of item’>, ‘<value of item>’]];

Iterate through data and push elements onto array that match the query you are looking for

For example, all the repo\_names and commits in the database.

}

getData() {

$.getJSON(<url of desired api>, function(data){

If(data is empty) { return null; }

array = queryData();

return array;

}

}

drawChart() {

var chart = new google.visualization.<desired chart type>(document.getElementById(‘<chart element id>’));

var options = {‘title’: <desired title>, ‘width’: <desired width>, ‘height’: <desired height>, ‘<other desired property>’: <desired property value>, …};

array = getData();

chartData = google.visualization.arrayToDataTable(array);

chart.draw(chartData, options);

}

**Classes**

Class: Chart

Fields:

Options: dictionary

Headers: string, string

Data: number array

Location: string (html element id)

Functions:

DrawChart()

GetData(): array

QueryData(): array