

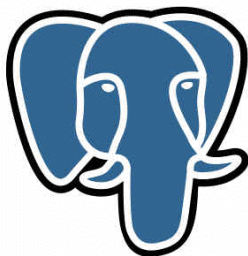
pgcharts

Postgres Conference Europe, 2014

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PostgreSQL

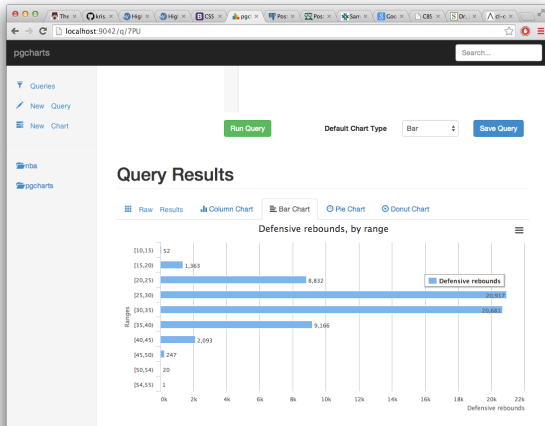


PRINCIPAL CONSULTANT AT 2NDQUADRANT



Turn your SQL queries into nice looking charts.

<http://https://github.com/dimitri/pgcharts/>



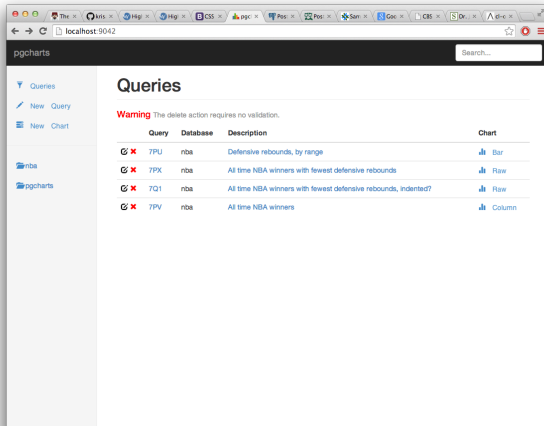
Editing queries

The screenshot shows the pgcharts web interface in a browser window. The URL is localhost:9042/q/77U. The interface has a dark header with the pgcharts logo and a search bar. On the left, there is a sidebar with navigation options: Queries, New Query, New Chart, nba, and pgcharts. The main area is titled "SQL Query" and contains several form fields for configuring the query: Database name (nba), Query name (drb range), Query description (Defensive rebounds, by range), Categories (x axis) (range), X Legend (Ranges), Data series (freq), Y Legend (Defensive rebounds), and Query SQL. The SQL query is as follows:

```
1 with drb_stats as (  
2   select min(drb) as min,  
3         max(drb) as max  
4   from team_stats  
5 )  
6 select width_bucket(drb, min, max, 9) as bucket,  
7       int4range(min(drb), max(drb), []) as range,  
8       count(*) as freq  
9   from team_stats, drb_stats  
10  group by bucket, drb_stats  
11  order by bucket
```

At the bottom of the editor, there are buttons for "Run Query", "Default Chart Type" (set to Bar), and "Save Query".

Listing queries



The screenshot shows a web browser window with the URL localhost:9042. The page title is "pgcharts" and it features a search bar. On the left sidebar, there are navigation options for "Queries", "New Query", "New Chart", and a sidebar menu with "nba" and "pgcharts" selected. The main content area is titled "Queries" and displays a warning: "Warning The delete action requires no validation." Below the warning is a table listing queries:

Query	Database	Description	Chart
7PU	nba	Defensive rebounds, by range	Bar
7PX	nba	All time NBA winners with fewest defensive rebounds	Raw
7Q1	nba	All time NBA winners with fewest defensive rebounds, indented?	Raw
7PV	nba	All time NBA winners	Column

Click. Chart.

