

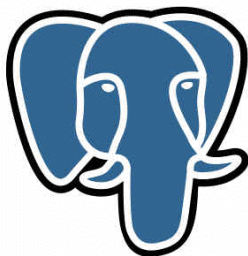
pgcharts

Postgres Open Chicago, 2014

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PostgreSQL

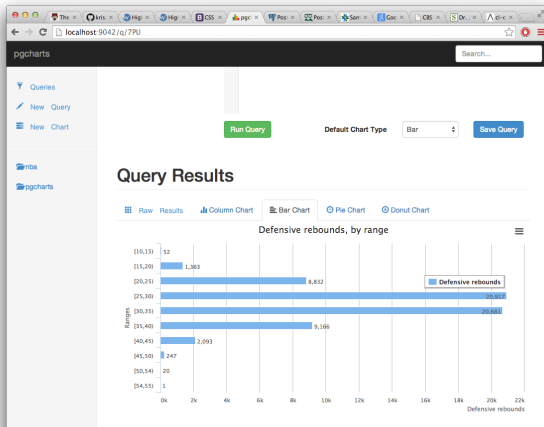


PRINCIPAL CONSULTANT AT 2NDQUADRANT



Turn your SQL queries into nice looking charts.

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



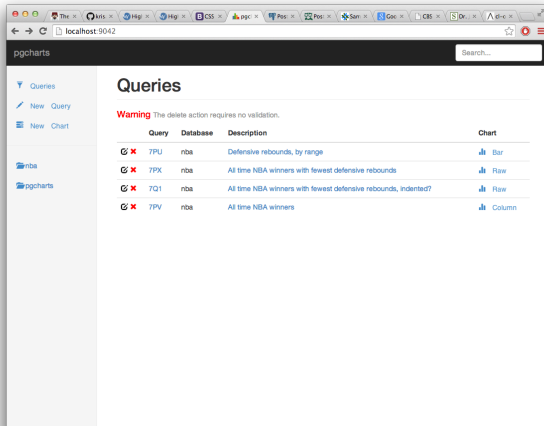
Editing queries

The screenshot shows the pgcharts web interface in a browser window. The URL is localhost:9042/q/77PU. 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: 'Database name' (nba), 'Query name' (drb range), 'Query description' (Defensive rebounds, by range), 'Categories (x axis)' (range), 'X Legend' (Ranges), 'Data series' (freq), and 'Y Legend' (Defensive rebounds). Below these fields is a text area for the SQL query, which contains the following code:

```
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 interface, there are three buttons: 'Run Query' (green), 'Default Chart Type' (a dropdown menu currently showing 'Bar'), and 'Save Query' (blue).

Listing queries



The screenshot shows a web browser window with the URL localhost:9042. The application is titled "pgcharts" and has a search bar. On the left sidebar, there are links for "Queries", "New Query", "New Chart", "nba", and "pgcharts". The main content area is titled "Queries" and displays a table of queries. A warning message is shown above the table: "Warning The delete action requires no validation." The table has four columns: "Query", "Database", "Description", and "Chart".

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.

