[SOLVED] Second dataset bar charts

Posted by vladimir84 - 2016/09/09 07:08

I have a query that counts the people hired, and it displays correctly as a single bar, and a second query that displays the people who left in the second query. I have a second table that only has a calendar (datefield for each day to 2050) How do I represent both of these in a single bar chart that displays months that had zero values?

People hired (first dataset)

```
SELECT
CONCAT(year(calendar.datefield),'-', LPAD(month(calendar.datefield), 2, '0')) AS Periodo,
  IFNULL(count(con_inizio_contratto),0) AS `Assunzioni`,
FROM datipersonali RIGHT JOIN calendar ON (DATE(datipersonali.con_inizio_contratto) = calendar.datefield)
WHERE YEAR(calendar.datefield) = {$REQUEST:chartYearStart|empty:'2011'}
GROUP BY year(calendar.datefield), month(calendar.datefield), Periodo
```

People who left (second dataset)

```
SELECT
CONCAT(year(calendar.datefield),'-', LPAD(month(calendar.datefield), 2, '0')) AS Periodo,
  IFNULL(count(con_licenziamento_data),0) AS `Licenziamenti`,
FROM datipersonali RIGHT JOIN calendar ON (DATE(datipersonali.con_inizio_contratto) = calendar.datefield)
WHERE YEAR(calendar.datefield) = {$REQUEST:chartYearStart|empty:'2011'}
GROUP BY year(calendar.datefield), month(calendar.datefield), Periodo
```

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Re: Second dataset bar charts

Posted by vladimir84 - 2016/09/09 11:52

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any news?

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Re: Second dataset bar charts

Posted by vladimir84 - 2016/09/09 14:05

I managed to find a solution, even though I am sure there is a less redundant way to do this. I created separate views for each query, where the time period and calndar.datefield would be joined. Then I created a query that takes those 2 views and sums up the results like this:

```
SELECT
     CONCAT(q1.d,'-',LPAD(q1.m,2,0)) AS Periodo,
  q1.c AS `Assunzioni`,
  q1.l AS `Licenziamenti`
  FROM
   (SELECT
      YEAR(calendar.datefield) AS d,
      month(calendar.datefield) AS m,
      SUM(statistica_assunti_n.assunzioni) AS c,
    SUM(statistica_licenziati_n.licenziamenti) AS l
    FROM  calendar
 INNER JOIN statistica_assunti_n
    ON calendar.datefield = statistica_assunti_n.data_assunzioni
  INNER JOIN statistica_licenziati_n
    ON calendar.datefield = statistica_licenziati_n.data_licenziamenti
WHERE YEAR(datefield) ={$REQUEST:chartYearStart|empty:'2011'} AND datefield
```

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