
Sql statement for multiple lines in chart

Posted by fertrob - 2011/11/15 14:00

Hello,

I want to have a multi line chart like the one on your demo site.

The data is something like this

Swimstroke	Date	Time
1	01-01-2011	1,30
1	01-02-2011	1,25
1	01-03-2011	1.26
3	01-01-2011	1,48
3	01-02-2011	1,46
3	01-03-2011	1.50

The Strokes are the lines i want to see in the chart. The date is the x-axe and the time is the y-axe.

The SQL Statement i am using is like this

```
Select MeetsDate, TotalTime, Zwemslag from Results
WHERE Results.MembersId=347
ORDER BY MeetsDate
```

But i get only one line in the chart but there are 4 swimstrokes in total to show.

Best regards
Robert Helthuis

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Re:Sql statement for multiple lines in chart

Posted by admin - 2011/11/15 15:07

Hello,

Try to set "SQL -> Revert data" parameter to "Yes". If it doesn't help, could you provide a link to a page where we can see chart and temporary access to your J! backend by email so we can investigate the issue?

Regards,
ARI Soft

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Re:Sql statement for multiple lines in chart

Posted by fertrob - 2011/11/25 17:50

Hello,

I succeeded to make the Mysql query so that the data was in the form the chart needed. The magic word was "GROUP_CONCAT".

The problem i am now facing is that if a dataItem has a "NULL" value, The Chart shows a gap in the line (Gchart).

Do you have a solution for this.

Dear regards
Robert Helthuis

Re:Sql statement for multiple lines in chart

Posted by admin - 2011/11/26 07:38

Hello,

Could you provide a link to a page where we can see a chart and specify what SQL query you use?

Regards,
ARI Soft

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Re:Sql statement for multiple lines in chart

Posted by fertrob - 2011/11/26 12:41

The chart is on <http://joomla.helthuis.net>.

The datatable which is using is shown beneath the chart.

The SQL statement is:

```
select `Meets`.`MeetsDate` AS `MeetsDate`,
group_concat(if((`Swimstyle`.`Stroke` =1),replace(replace(`Results`.`TotalTime`,';','),',',')," separator") AS `Vrij`,
group_concat(if((`Swimstyle`.`Stroke` =2),replace(replace(`Results`.`TotalTime`,';','),',',')," separator") AS `Rug`,
group_concat(if((`Swimstyle`.`Stroke` =3),replace(replace(`Results`.`TotalTime`,';','),',',')," separator") AS `Vlinder`,
group_concat(if((`Swimstyle`.`Stroke` =4),replace(replace(`Results`.`TotalTime`,';','),',',')," separator") AS `Wissel`
from ((`Results` join `Meets` on((`Results`.`MeetsId` =`Meets`.`MeetsId`))) join `Swimstyle` on((`Swimstyle`.`SwimstyleId` =
`Results`.`StyleId`))) where ((`Results`.`MembersId` = 347) and (`Swimstyle`.`Distance` = 50)) group by `Meets`.`MeetsDate`
order By MeetsDate DESC limit 25
```

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Re:Sql statement for multiple lines in chart

Posted by admin - 2011/11/26 20:52

It is possible to replace empty values with 0 value. In this case SQL query will look like:

```
select `Meets`.`MeetsDate` AS `MeetsDate`,
group_concat(if((`Swimstyle`.`Stroke` =1),replace(replace(`Results`.`TotalTime`,';','),',','),'0' separator") AS `Vrij`,
group_concat(if((`Swimstyle`.`Stroke` =2),replace(replace(`Results`.`TotalTime`,';','),',','),'0' separator") AS `Rug`,
group_concat(if((`Swimstyle`.`Stroke` =3),replace(replace(`Results`.`TotalTime`,';','),',','),'0' separator") AS `Vlinder`,
group_concat(if((`Swimstyle`.`Stroke` =4),replace(replace(`Results`.`TotalTime`,';','),',','),'0' separator") AS `Wissel`
from ((`Results` join `Meets` on((`Results`.`MeetsId` =`Meets`.`MeetsId`))) join `Swimstyle` on((`Swimstyle`.`SwimstyleId` =
`Results`.`StyleId`))) where ((`Results`.`MembersId` = 347) and (`Swimstyle`.`Distance` = 50)) group by `Meets`.`MeetsDate`
order By MeetsDate DESC limit 25
```

Regards,
ARI Soft

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