
[SOLVED] Year dropdown menu above the table

Posted by vladimir84 - 2016/09/08 10:29

Is there a way to add a dropdown menu in an article that user can select the year for example, and then the chart will change the data based on that selection?

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Re:Year dropdown menu above the table

Posted by admin - 2016/09/08 10:38

The module doesn't contain built-in functionality for this case, but it is possible to use request variables in "WHERE" clause of SQL query. It is possible to load the module into an article and create a HTML drop-down (for year selection) outside the module and send the selected year from the drop-down. It will look like:

```
2008
2009
2010
```

Query will look like:

```
SELECT
  id,
  title
FROM
  #__content C
WHERE
  year(C.created) = {$REQUEST:chartYear|empty:'2008'}
```

Regards,
ARI Soft

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Re:Year dropdown menu above the table

Posted by vladimir84 - 2016/09/08 11:52

looks great! thank you very much :)

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Re:Year dropdown menu above the table

Posted by vladimir84 - 2016/09/09 15:31

Just one quick follow-up question. For cumulative charts, this method doesn't consider the previous years (it sums up the values just for the given year.

Do you have any suggestion how can I do this: if the year is 2011, then @runtot = 0, else @runtot = (all previous years until december of the year before chartYearStart)? Can you point me to what should I be looking for?

The query is the same as in the other post:

```
SELECT
  CONCAT(q1.d,'-',LPAD(q1.m,2,0)) AS Periodo,
  (@runtot := @runtot + q1.c - q1.l) AS `N. dependenti`
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
```

Re:Year dropdown menu above the table

Posted by admin - 2016/09/10 07:00

Could you specify what init value should be used for @runtot variable if chartYearStart is set to 2015 for example?

Regards,
ARI Soft

Re:Year dropdown menu above the table

Posted by vladimir84 - 2016/09/10 09:34

Maybe it is better that I show you the picture first:
<https://s12.postimg.org/cgzccw8dl/totali.jpg>

Now, if the year is 2011, then @runtot is 0 and it starts counting the total month after month, adding the current month to previous one.

If I select 2015, this is what I get (I added "WHERE YEAR(datefield) = 2015 AND datefield

Re:Year dropdown menu above the table

Posted by admin - 2016/09/10 09:57

Set init value as:

```
SELECT @r := 12 * ({$REQUEST:chartYearStart|empty:'2011'} - 2011)
```

This is what you need?

Regards,
ARI Soft

Re:Year dropdown menu above the table

Posted by vladimir84 - 2016/09/10 10:40

No, this is the query that calculates the value (and it works OK on its own, but it gives me the error with the CASE WHEN statement:

```
(SELECT @runtot :=(
  CASE WHEN {$REQUEST:chartYearTotal}='2011' THEN 0 ELSE /*IF IT STARTS AT 2011, IT IS ZERO
AND IT ADDS UP THE MONTHLY VALUES*/
  /*IF IT STARTS AT 2012+, FIRST CALCULATE HOW MUCH IS THE TOTAL LAST YEAR */
```

```

SELECT (@risultato := calcolo.assun - calcolo.licen) AS totale
FROM(
  SELECT
    SUM(statistica_assunti_n.assunzioni) AS assun,
    SUM(statistica_licenziati_n.licenziamenti) AS licen
  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) BETWEEN 2011 AND {$REQUEST:chartYearTotal}-1)/I REQUEST
2012, BUT IT WILL SEE HOW MUCH WAS IT IN 2011 AND ONLY THEN ADD THE MONTHLY VALUE OF
JAN,FEB,MAR... OF 2012*/
      AS calcolo
    )
  ) AS zero

```

I know that the answer is right in front of me, but I don't see it :silly:

Re:Year dropdown menu above the table

Posted by vladimir84 - 2016/09/10 11:57

Yes, I found the mistake :) However when I select the 2011, it shows null on all values for that year. I think it's just a matter of small correction.

Here is the complete query, which works fine for all the other years except the base year of 2011:

```

SELECT
  CONCAT(q1.d,'-',LPAD(q1.m,2,0)) AS Periodo,
  (@runtot := @runtot + q1.c - q1.l) AS `N. dipendenti`
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:chartYearTotal} AND datefield

```

Re:Year dropdown menu above the table

Posted by vladimir84 - 2016/09/10 12:16

got it!!! B)

it is redundant as hell, but luckily there aren't are only 1000-2000 records to analyze, it won't be that slow :)

```

SELECT
  CONCAT(q1.d,'-',LPAD(q1.m,2,0)) AS Periodo,
  (@runtot := @runtot + q1.c - q1.l) AS `N. dipendenti`
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:chartYearTotal|empty:'2016'} AND datefield
```

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