IF THEN Capabilities
Posted by gorden - 2011/09/09 03:57

_____

I am using the table to display the output voltages for like 9,000 power supplies. These power supplies could have up to 4 voltages. Here is the syntax I was planning to use:

{$columns:V1} V
{$columns:V2} V
{$columns:V3} V
{$columns:V4} V

The issue is that most of the supplies only have one output, which would make my table look odd, is there a way to include an IF value = 0 skip the value and my extra "V" at the end?

Please advise.

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Re:IF THEN Capabilities
Posted by admin - 2011/09/09 08:24

_____

Hello,

Do you load data from a database?

Regards,
ARI Soft

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Re:IF THEN Capabilities
Posted by gorden - 2011/09/09 15:00

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I load from the local database

==

Re:IF THEN Capabilities
Posted by admin - 2011/09/12 10:52

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You can use SQL query in the next way:

```
SELECT
 CONCAT(
  IF(LENGTH(IFNULL(V1, '')) > 0, CONCAT(V1, ''), ''),
  IF(LENGTH(IFNULL(V2, '')) > 0, CONCAT(V2, ''), ''),
  IF(LENGTH(IFNULL(V3, '')) > 0, CONCAT(V3, ''), ''),
  IF(LENGTH(IFNULL(V4, '')) > 0, CONCAT(V4, ''), '')
 ) AS V
FROM
 tbl
```

Regards,
ARI Soft

==

Re:IF THEN Capabilities
Posted by gorden - 2011/09/26 21:14

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I tried to implement your example into what I am doing, but was unsuccessful. Below is the syntax I am starting with:

SELECT
OUI.factory, OI.part, OUI.factory2, OUI.series, OUI.power, OUI.convection, OUI.type, OI.V1, OI.A1, OI.V2, OI.A2, OI.V3, OI.A3, OI.V4, OI.A4, OI.Efficiency, OUI.dimensions

FROM
jos_part OI INNER JOIN jos_series OUI ON OI.series = OUI.series
WHERE OI.V2 > 0 AND OUI.type = 'Open Frame' AND OUI.safety = ''

I need the V1 and A1 values to not display if their value is NULL, and if they are present to display a V or A after their value (V for V# and A for A#).

Thanks for the help,

Gorden. :blink:

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Re:IF THEN Capabilities
Posted by admin - 2011/09/27 06:22
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In your original post, you want to show V1, V2, ..., VN in one column on frontend and the solution from our previous post can be used for this. Do you want to show V1, A1, ...,Vn, An values in separate columns? If yes, it is not possible to hide Vn column if it has NULL in all records selected from database.

Regards,
ARI Soft

==

Re:IF THEN Capabilities
Posted by gorden - 2011/09/27 16:08
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I was hoping to show V# in one column, justified right, and then the A# in the next column justified left.

Thanks,

Gorden

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Re:IF THEN Capabilities
Posted by admin - 2011/09/27 16:14
_____

Could you specify what problem you have with the next SQL query?

SELECT
 OUI.factory,
 OI.part,
 OUI.factory2,
 OUI.series,
 OUI.power,
 OUI.convection,
 OUI.type,
 CONCAT(
   IF(LENGTH(IFNULL(OI.V1, '')) > 0, CONCAT(OI.V1, ''), ''),
   IF(LENGTH(IFNULL(OI.V2, '')) > 0, CONCAT(OI.V2, ''), ''),

```
   IF(LENGTH(IFNULL(OI.V3, '')) > 0, CONCAT(OI.V3, ''), ''),
   IF(LENGTH(IFNULL(OI.V4, '')) > 0, CONCAT(OI.V4, ''), '')
 ) AS V,
 CONCAT(
   IF(LENGTH(IFNULL(OI.A1, '')) > 0, CONCAT(OI.A1, ''), ''),
   IF(LENGTH(IFNULL(OI.A2, '')) > 0, CONCAT(OI.A2, ''), ''),
   IF(LENGTH(IFNULL(OI.A3, '')) > 0, CONCAT(OI.A3, ''), ''),
   IF(LENGTH(IFNULL(OI.A4, '')) > 0, CONCAT(OI.A4, ''), '')
 ) AS A,
 OI.Efficiency,
 OUI.dimensions
FROM
 jos_part OI INNER JOIN jos_series OUI
  ON OI.series = OUI.series
WHERE
 OI.V2 > 0
 AND
 OUI.type = 'Open Frame'
 AND
 OUI.safety = ''
```

Regards,
ARI Soft

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Re:IF THEN Capabilities
Posted by gorden - 2011/09/27 16:18
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I have created separate tables for single output models (V1 has a vaue, V2, V3, V4 do not) So I am now trying to make a table to display multi output models, this table will always have a V1 and V2 value, as well as their mating A1 & A2 value.

So in reality, I only need this display / don't display function for V3 & V4 / A3 & A4. My intent is to display V#'s in one column, and A#'s in another column.

V# Values are followed by a V if they exist, A# Values are followed by an A if they exist.

Please provide an example using the code I started with, when I tried to implement with the syntax you provided, i could not get it to work.

Thank you,

Gorden

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Re:IF THEN Capabilities
Posted by gorden - 2011/09/27 19:48
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B) To insert the V and A Values, this is the syntax I ended up using and it works perfectly.


```
SELECT
 OUI.factory,
 OI.part,
 OUI.factory2,
 OUI.series,
 OUI.power,
 OUI.convection,
 OUI.type,
```

```
CONCAT(
  IF(LENGTH(IFNULL(OI.V1, '')) > 0, CONCAT(OI.V1, 'V '), ''),
  IF(LENGTH(IFNULL(OI.V2, '')) > 0, CONCAT(OI.V2, 'V '), ''),
  IF(LENGTH(IFNULL(OI.V3, '')) > 0, CONCAT(OI.V3, 'V '), ''),
  IF(LENGTH(IFNULL(OI.V4, '')) > 0, CONCAT(OI.V4, 'V'), '')
 ) AS V,
 CONCAT(
  IF(LENGTH(IFNULL(OI.A1, '')) > 0, CONCAT(OI.A1, 'A '), ''),
  IF(LENGTH(IFNULL(OI.A2, '')) > 0, CONCAT(OI.A2, 'A '), ''),
  IF(LENGTH(IFNULL(OI.A3, '')) > 0, CONCAT(OI.A3, 'A '), ''),
  IF(LENGTH(IFNULL(OI.A4, '')) > 0, CONCAT(OI.A4, ' A'), '')
 ) AS A,
 OI.Efficiency,
 OUI.dimensions
FROM
 jos_part OI INNER JOIN jos_series OUI
  ON OI.series = OUI.series
WHERE
 OI.V2 > 0
 AND
 OUI.type = 'Open Frame'
 AND
 OUI.safety = ''
```

Thanks for all the help, I highly recommend this module and your support.

Gorden

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