Passing RSforms data to Ari SmartContent SQL Query
Posted by tmediacom - 2013/01/25 21:18
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Hello -

What I am attempting to accomplish is to retrieve and display data from a table based on user input to RSforms drop down box not the RSforms values that the user selected.

An example of a Query:

SELECT
  CompanyName,WEB
FROM sheet4
WHERE
  City = (whatever user selected in RSforms City dropdown box)
AND
  cuisine = (whatever user selected in RSforms Cuisine dropdown box)

Also, if user does not make any selections from RSForms dropdown box(s), then retrieve all records.

I have purchased both Ari SmartContent and DataTables products as I believe your last response was based on Ari DataTables at posting http://www.ari-soft.com/ARI-Data-Tables/31680-Accessing-RSJoomla-Forms-data/Page-2.html.

I wasn't sure which forum (SmartContent or DataTables) this should be posted to.

Thanking you in advance for any assistance you may provide towards the resolution of this issue.

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Re:Passing RSforms data to Ari SmartContent SQL Query
Posted by admin - 2013/01/26 09:42
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Hello,

If you use "ARI Data Tables" module, it is possible to use request variables in WHERE clause of "SELECT" SQL query. It is used in the following format:

{$REQUEST:VAR_NAME}

Where VAR_NAME is name of request variable. You can create a custom search form and pass form parameters to SQL query.

Regards,
ARI Soft

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Re:Passing RSforms data to Ari SmartContent SQL Query
Posted by tmediacom - 2013/01/28 19:01
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Can this only be done with Ari Data Tables or can the WHERE clause also be modified likewise with Ari Smart Content SQL Table?

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Re:Passing RSforms data to Ari SmartContent SQL Query
Posted by admin - 2013/01/28 19:58
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Currently "ARI Smart Content" doesn't support this feature.

Regards,
ARI Soft

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Re:Passing RSforms data to Ari SmartContent SQL Query
Posted by tmediacom - 2013/01/29 17:39
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Hi -

Can you provide me any detailed information or point me to documentation that would explasin how this is accomplished.

" If you use "ARI Data Tables" module, it is possible to use request variables in WHERE clause of "SELECT" SQL query. It is used in the following format:

{$REQUEST:VAR_NAME}

Where VAR_NAME is name of request variable. You can create a custom search form and pass form parameters to SQL query.

Regards,
ARI Soft "

Thanking you in advance for your assistance.

Ken

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Re:Passing RSforms data to Ari SmartContent SQL Query
Posted by admin - 2013/01/29 18:03
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Hello,

For example if a table contains "Age" column and "min_age" request variables are passed from a link or a HTML form, use the following SQL query:

SELECT
 *
FROM
 tbl
WHERE
 Age > {$REQUEST:min_age}

Regards,
ARI Soft

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Re:Passing RSforms data to Ari SmartContent SQL Query
Posted by tmediacom - 2013/01/29 19:53
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Hey - Got it! :)

Thanks sooooooooooo much for your help!   :laugh:

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Re:Passing RSforms data to Ari SmartContent SQL Query
Posted by kefford - 2013/12/18 03:18
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Hi,

I am reviewing these posts to better understand the solution to my own problem. It raises one question for me. I follow most of what is said except what is meant by "request variables are passed from a link or a HTML form". My question is, how are request variables passed from a link or form? I understand in the query how the ARI DataTables module receives the request variables, but how are they passed? A code sample would be helpful.

Thanks.

Ken

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Re:Passing RSforms data to Ari SmartContent SQL Query
Posted by kefford - 2013/12/18 03:23
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As background, I too am using RSForms Pro to handle the forms I need on my website project. I guess this may be important because the form or form extension itself may determine how the REQUEST variables are passed.

Thanks again.

Ken

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Re:Passing RSforms data to Ari SmartContent SQL Query
Posted by admin - 2013/12/18 10:25
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For example it is possible to send GET request variables directly in url. For example if a page URL is mypage.php and you want to add id=14 request variables, use the following link:

mypage.php?id=14

Regards,
ARI Soft

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Re:Passing RSforms data to Ari SmartContent SQL Query
Posted by kefford - 2013/12/18 12:59
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Thanks, but I still do not follow. Let me backup and explain my issue better. See the link below,

http://www.effords.ca/SimX2/index.php/simsearch/demo-search

This page is a single article with both an RSForms Pro form and an ARI DataTables module. I want the entries in the form to determine the query WHERE and drive what is displayed in the DATATABLE. I want the SEARCH button to populate the table. I am planning to have 2 articles, one without the table for when the page is first loaded then switch to the full article with both once the form is completed. The issue is getting the form variables to tie into the ARI DataTable module correctly.

Ken

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Re:Passing RSforms data to Ari SmartContent SQL Query
Posted by admin - 2013/12/18 14:09
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For example if you want to use value from "Engine Maker(*)" form field to filter value for "EngMaker" column in WHERE

clause of SQL query from "ARI Data Tables" module, it will look like:

WHERE
({$REQUEST:form:fEngineMaker|empty:""} = '' OR EngMaker = {$REQUEST:form:fEngineMaker|empty:""})

Regards,
ARI Soft

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Re:Passing RSforms data to Ari SmartContent SQL Query
Posted by kefford - 2013/12/18 17:07
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Thanks very much, that helps me a lot. It has shown me how to manage and interface this.

I do have some issues to address which really confuse me. Let me just ask, because maybe you can provide some insight. Here is the same link, after the change was made, as you recommended,

www.effords.ca/SimX2/index.php/simsearch/demo-search

All I did was to change the WHERE in the SQL as follows, from,

WHERE
LocCountry LIKE "Canada"
AND
EngMaker LIKE "GE"
AND
RegApprovals LIKE "%Level D%"

to become, based on your last post,

WHERE
LocCountry LIKE "Canada"
AND
({$REQUEST:form:fEngineMaker|empty:""} = '' OR EngMaker = {$REQUEST:form:fEngineMaker|empty:""})
AND
RegApprovals LIKE "%Level D%"

The issue is the new line in the ARI DataTables table with an "RR" under EngMaker (the 8th row down). This should not be pulled and was not pulled when the SQL WHERE was hard coded to EngMaker LIKE "GE". Any ideas why?

I scoured the database looking for any data errors but found none. The EngMaker field in the "Simulators" database table simply has "RR" for this entry, nothing else. There is another field in this same record with a GE string but that is in another field altogether. I tested whether it still might cause by removing the GE string, but with no effect. The RR record was still pulled. I am at a loss as to why.

Ken

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Re:Passing RSforms data to Ari SmartContent SQL Query
Posted by admin - 2013/12/18 17:14
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Could you provide a temporary access to your J! backend by email so we can investigate the problem? For example the following link works fine:

http://www.effords.ca/SimX2/index.php/simsearch/demo-search?form=GE

Regards,
ARI Soft

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Re:Passing RSforms data to Ari SmartContent SQL Query
Posted by kefford - 2013/12/18 21:26
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I am sure the issue relates to how my site is currently setup. I think that because the form data is not posted the REQUEST variables are not set. There just happens to be only one record in CANADA that is not GE, so it looks like it is pulling this incorrectly. I am sure the fEngineMaker variable is not set.

What is the purpose of the first part, $REQUEST:form:fEngineMaker|empty:"", of your call? What does this part do? The second part I get, this is where the database entry is compared.

Ken

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Re:Passing RSforms data to Ari SmartContent SQL Query
Posted by admin - 2013/12/19 13:16
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This problem with behaviour of used form. After submit, it redirect to the same page, but without submitted parameters. You can contact RSForm developers to get more details about it.

When the page is opened first time, request variables are not set and {$REQUEST:form:fEngineMaker} variable doesn't exist. "empty" function is used to specify default value if the variable is not defined.

Regards,
ARI Soft

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Re:Passing RSforms data to Ari SmartContent SQL Query
Posted by kefford - 2013/12/19 14:10
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Thanks again for your help. I suspected this was the root cause and I will address through the form extension I am using.

Ken

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