Subject: VPD - PopUp
Posted by htManager on Wed, 03 Aug 2016 10:28:53 GMT
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Hi Tony,

is it possible to see in a popup screen more than the allowed records as defined in the IN clause of the generated SQL query ('1', 'x')?

The system with VPD works fine but I want to release records from other account 'channels'.

I have a table where I can release the channel for other VPD accounts with the following structure:

channel_id (pk), account_id (pk), release start, ... where account_id is the system rdcaccount_id.

The popup should include the records from channel_id. I tried to change the SQL query in the (popup1).php but I didn't succeed because of the automatic generated IN clause which only allows shared accounts and the logged in account.

The 'channel' contains records which I want to release for a certain time.

Subject: Re: VPD - PopUp
Posted by AJM on Thu, 04 Aug 2016 08:55:56 GMT
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I do not understand what you want to do. When you are using the rdcaccount_id facility the rules are quite clear:
1) Any entry with rdcaccount_id=1 is shared and can be viewed (but not updated) by a user whose rdcaccount_id>1
2) Any entry with rdcaccount_id>1 is private to that account and can only be viewed/modified by users in that account.

It is not possible to make accounts other than #1 sharable.

Subject: Re: VPD - PopUp
Posted by htManager on Thu, 04 Aug 2016 13:12:49 GMT
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I know that only accounts with #1 are sharable. But I want the account owner to temporarily (start date, end date) grant access (view rights only) to an account > 1. This account functions as a 'lookup' account. So data has to be stored only once.

I read your article about Virtual private database and how you described in #5 how you altered the code for reading from the database:

```
else {
   // read the user's account and the shared account
   $account_id_string = "$this->tablename.rdcaccount_id IN ('1', '$account_id')";
}
```

My problem would be solved if there would be a possibility to select records from more than one account > 1.

```
i.e.:   if ($pattern_id = 'popup'){
   $account_id_string = "$this->tablename.rdcaccount_id IN ('1', '$account_id',
'$account_id_additional")";
}
```

where $account_id_additional would be some other selected accounts like ('8', '15', 'nnn')

The account owner can grant these (reading) access rights via a table. It would then be possible with a popup to choose data from that account.

Subject: Re: VPD - PopUp
Posted by AJM on Fri, 05 Aug 2016 08:28:44 GMT
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Only account #1 is sharable among other account holders. Anything with an account > 1 can only be viewed and used by members of that account. To change this would open up a huge can of worms, so it will never happen. To make something sharable you add it to account #1.

Subject: Re: VPD - PopUp
Posted by htManager on Fri, 05 Aug 2016 10:19:37 GMT
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Do you have an idea how I could solve this problem? Would it be possible to query these records outside the framework and add it to the fieldarray before opening the popup screen? Or is there a mechanism that will prevent this?

Subject: Re: VPD - PopUp
Posted by AJM on Fri, 05 Aug 2016 13:36:49 GMT
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I have already told you that if you want records with rdcaccount_id > 1 to become sharable among other accounts then the only way to achieve it is to set their rdcaccount_id's to 1. If you attempt any other mechanism it will be unsupported.

Subject: Re: VPD - PopUp
Posted by htManager on Fri, 12 Aug 2016 14:48:23 GMT
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Sorry for replying once again but I want to tell you how I solved my problem - at least I think that this is a solution. I had to do this because the temporary release of (part of) accounts is a main feature of my application. Without this feature I had to store data more than once and this would be very unconvenient.
I do know that this is unsupported and outside the framework.

I created two functions in a htm.general.inc file in my includes_htm directory. One for setting an entry in $_SESSION($additional_accounts) and one for unset this entry.
I changed code in _sqlAssembleWhere() and _sqlAssembleWhereLink() with the following:

```
if (!empty($_SESSION['account_additional_id'])){
   $account_additional_id = $_SESSION['account_additional_id'];
   $account_id_string = "$this->tablename.rdcaccount_id IN ('1', $account_additional_id,
'$account_id')";
} else {
   $account_id_string = "$this->tablename.rdcaccount_id IN ('1', '$account_id')";
}
```

Thus each user can decide for himself if he want to share his (account) channel with others and how long. I did notice that it isn't easy to get the problem solved. I also experienced that I could solve this problem only with 'hard coding' in my functions and that this would be very very difficult for you (as you mentioned) to solve this in Radicore. At the moment it works fine for me but I do not know if there are situations which I do not know and where users can have access to accounts where they shouldn't. But at the moment I am happy that I got it running. If you have an advice for me, please let me know.

Subject: Re: VPD - PopUp
Posted by AJM on Sat, 13 Aug 2016 09:27:24 GMT
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You are bending the system to work outside of its design parameters, which is never a good thing. If you want to take set on "unshared" records and make them "shared" then you should implement a mechanism to copy them to the "shared" account. This would NOT require any changes to any framework code and therefore would not cause unexpected problems down the line.

Subject: Re: VPD - PopUp
Posted by htManager on Sat, 13 Aug 2016 10:31:18 GMT
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Thank you for the advice. I thought of it but I have no experience in implementing such a mechanism. Do you have an example where I could see how it works? If I could implement such a mechanism I would immediately change my code.

Subject: Re: VPD - PopUp
Posted by AJM on Sun, 14 Aug 2016 16:31:31 GMT
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That to me is just simple programming. You read in a bunch of records, change some values, then update them in the database.