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Subject: Virtual Private Database and List 2 pattern  
Posted by [htManager](#) on Mon, 02 Jun 2014 14:48:57 GMT  
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Hi Tony,

I am struggling with the implementation of the virtual private database system as you discribed in Implementing Virtual Private Databases and I have problems with a list 2 pattern.

I also read your article Technical Keys - their Uses and Abuses and I followed your proposal to avoid technical keys when possible.  
I created tables with up to six or seven columns as Primary key. I don't know if this is the best way but all the tables are related in a one to many relation. (Cascading)

I mention this because the first colomn of these tables is always the field rdcaccount\_id which is used for account access or shared access.

You described how to deal with a list 1 pattern and this works fine in my application, I see all the occourences made by a special account.

But if I want to see an account occurence in a list 2 form, I only see the entries of the shared account.

I inserted the code in the `_getData()` function after the code for checking the primary key:

```
if ($this->checkPrimaryKey AND !$this->allow_empty_where) {  
    // check that full primary key (or candidate key) has been supplied
```

I also tried inserting the code at the end of the function - same result.

So please, can you tell me where to insert the code at the right place?

Best regards,

Juergen

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