Subject: Control visibility of records
Posted by stephenboey on Tue, 23 Jan 2007 20:43:06 GMT
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Hi Tony,

The examples presented thus far are security for task (ie. screens, menu)

Is it possible to control visibility of records based on say company hierachy or user hierachy or a mixture of both?

Subject: Re: Control visibility of records
Posted by AJM on Wed, 24 Jan 2007 00:55:49 GMT
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No. You will need to modify each database table to include a field which identifies who can access that record, then have some mechanism to compare this field with the user_id (or user group or whatever) to find out if a particular user can access a particular record. Or if a user can view a record but not update or delete it.

Each case is quite unique, with different requirements, so it would be quite difficult to have something built into the framework to do it automatically. There are just too many possible variations.

Subject: Re: Control visibility of records
Posted by stephenboey on Fri, 02 Feb 2007 00:27:12 GMT
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I've looked through your code to try and see how I can "compare this field with the user_id"

I am thinking of storing the logon details in a global.

Correct me if I am wrong..? seems like I have to code most of the filter conditions in those transaction pattern files that ends with .inc in the "include" directory.

In order to minimize changes, is it possible if I prefix the "where" conditions for that user id in dml.mysql.class.inc..... in which function?

I am just afraid that I might break something in the process if I make too many changes ya. Shall appreciate any helpful suggestions.

Subject: Re: Control visibility of records
Posted by AJM on Fri, 02 Feb 2007 09:24:16 GMT
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The identity of the current user is already stored in a global variable - take a look at http://www.tonymarston.net/php-mysql/functions-and-variables .html#session.logon_user_id

I would advise against modifying any of the standard files in the framework as they are used by every component within the application, and you could introduce no end of problems. This would make debugging more difficult, and cause you problems whenever a new version of the framework is released

This is custom code, and the correct place for custom code is inside a custom method within the relevant database table class. If you wish to modify the WHERE clause before a SELECT, such as by adding "user_id='$GLOBALS['logon_user_id']'", then you can do so in the _cm_preGetData() method (take a look at http://www.tonymarston.net/php-mysql/functions-and-variables .html#notes._cm_pre_getdata)

Subject: Re: Control visibility of records
Posted by AJM on Thu, 15 Jan 2009 16:20:45 GMT
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It is possible to implement virtual private databases where each user is assigned to an account and each record on a table is also assigned to an account. In this way a user can only see that data which belongs to his/her account.