Subject: One subsystem with differents database names
Posted by edortizq on Sun, 27 Mar 2011 22:34:45 GMT
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I've coded a complete subsystem, I'm interested in running this subsystem with different database names, what is the best way to do it?

Subject: Re: One subsystem with differents database names
Posted by AJM on Mon, 28 Mar 2011 05:31:55 GMT
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It is not necessary for a database to have the same name as a subsystem. After you have imported a new database you can associate it to any available subsystem by using screen dict_database(upd1).html

Subject: Re: One subsystem with differents database names
Posted by edortizq on Mon, 28 Mar 2011 15:08:35 GMT
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English is not my native language, certainly I have not expressed myself well, I'll explain with an example what I want:
I have the subsystem SBS1 coded for the database called DB1. I want to run the subsystem SBS1 with other databases that could be called DB2, DB3, etc.
I must make clear that DB1, DB2, and DB3, have the same database schema.
I'm interested to know how to automatically change the used database name  for the whole subsystem.
Thanks for advance.

Subject: Re: One subsystem with differents database names
Posted by AJM on Mon, 28 Mar 2011 17:55:24 GMT
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A database can belong to one and only one subsystem, but a subsystem can have more than one database. Within the code for a subsystem you can access as many databases as you like, even if they are associated with other subsystems.

Subject: Re: One subsystem with differents database names
Posted by edortizq on Mon, 28 Mar 2011 20:52:32 GMT
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Ok, when the file *.class.inc is created there is a line like this:

$this->dbname = 'DB1';

If I don't want to use the database DB1 anymore, instead, I want to use DB2, take in care that DB1 and DB2 have the same database schema (you can asume that DB1 is for the data of company1 and DB2 is for the data of company2, and I'm not interested to get consolidated data)

My questions are:

- Do I have to change all the *.class.inc files for to use DB2 instead of DB1?
- If I have to change all those files, is there a way to do it automatically?

Thanks for your time.

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Subject: Re: One subsystem with differents database names
Posted by AJM on Mon, 28 Mar 2011 21:31:03 GMT
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There is no way to automatically change the value of $this->dbname within each class file, so you will have to do it manually. You can either make a permanent change to each file, or find a way to modify it at runtime after the class file is loaded.

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Subject: Re: One subsystem with differents database names
Posted by ReynoldsEdwardKim on Tue, 22 Nov 2011 13:39:12 GMT
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It is possible one subsystem with different database names.We can use different platforms for creating same database for one application.

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Subject: Re: One subsystem with differents database names
Posted by AJM on Tue, 22 Nov 2011 13:53:25 GMT
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Yes. A subsystem can have any number of databases, but a database can belong to only one subsystem.

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Subject: Re: One subsystem with differents database names
Posted by glenjones on Mon, 09 Jan 2012 05:49:56 GMT
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But how can we use different platforms for creating same database??

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Subject: Re: One subsystem with differents database names
Posted by AJM on Mon, 09 Jan 2012 10:28:08 GMT
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You can create the same databases in different DBMS systems by just following the installation instructions. I have copies of the Radicore databases maintained in MySQL, PostgreSQL, Oracle and MS SQL Server all on the same PC, so it's not difficult.

Subject: Re: One subsystem with differents database names
Posted by AJM on Wed, 20 Mar 2013 08:00:40 GMT
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I have added the ability to switch a database name at runtime so that it can be identified in the data dictionary with one name, then switched to something else depending on the server. Please refer to FAQ92.