multiple sites with single database

Posted by raunhar - 2015/01/10 08:25

My requirement is:
The domain will have many sub-domains, The main domain will be the parent site with almost all the information.
the sub-domains will be using the same template and will have content from the main domain.
the sub-domain will be managed by the main domain and will be controlled by a single database,a nd single admin.
the sub-domains will not have admin rights .
Is it possible with this extn.

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Re: multiple sites with single database

Posted by edwin2win - 2015/01/15 17:56

Yes you can do that with JMS.

Just a remark concerning the maximum website that you may store in the same unique DB.
This is not a JMS constrain but a MySQL constrain.

Each MySQL table consume 3 files on the disk.
The maximum number of website that you can store in a same DB is mainly driven by the following formula.

Nb Sites * Nb Tables per site * 3.
This number can not exceed the maximum number of files that can be opened by MySQL simulatnously.
This is important if you want to perform a backup of the DB that require to lock the tables.

If a website consume 100 tables and that your maximum open file limit is 15,000 files.
Then the maximum site is = 50 websites.

We do not recommend to setup MySQL with more than 100,000 open file limit.
This will consume memory and time consuming during the backup.
So you should find a tradeoff between the number of DBs and the number of website per DB.

Another solution is to create 1 DB per website that was not the question and that may also have limitation on the number of DB that you can create on a single MySQL server.

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