Joomla Multi Sites

Demo JMS Installation

August 2008

Project: Joomla Multi Sites
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## Change Control

<table>
<thead>
<tr>
<th>Version</th>
<th>Date</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td>29-july-2008</td>
<td>Initial version</td>
</tr>
<tr>
<td>1.0.3</td>
<td>4-aug-2008</td>
<td>Update screen with JMS version 1.0.3 that use Joomla 1.5.5</td>
</tr>
<tr>
<td>1.0.5</td>
<td>19-aug-2008</td>
<td>Update screen with JMS version 1.0.5 that use Joomla 1.5.6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Add a slave site ‘www.x2win.eu’ to demonstrate that JMS can work with both domain and sub-domain</td>
</tr>
</tbody>
</table>
1. Introduction

This document is a demonstration of the Joomla Multi Sites installation procedure. It shows you the installation of a Master site and three slave sites. Because we have received some questions to know if Joomla Multi Sites can work with sub-domain and domain, in this demo, there are 2 slave sites using 'sub-domain' and one slave site using a domain name. It highlight the important point to respect to ensure each site is seen independantly.

In the current demonstration we have used a single database to store the content of all the websites. We have choosen this particular architecture because there are some constrain that must be respected to avoid conflict between the websites. If you use different databases for each websites, those constrains does not exists. See the user’s manual for the possible architecture.

In the case of a single database, the table prefix ‘jos_’ can not be used.
2. Installation Of the Master

Choose Language

Select Language

Please select the language to use during the Joomla installation steps:

en-US - English (United States)
es-ES - Spanish (Español internacional)
es-ES - Basque (Euskera esanadal)
fa-IR - Persian (ایران)
fi-FI - Finnish (Suomi)
fr-FR - French (Fr)
he-IL - Hebrew (Israel)
hu-HU - Hungarian (Magyar)
it-IT - Italian (Italy)
korean - Korean (Republic of Korea)
lo-LA - Lao (Laos)
lv-LV - Lithuanian
ma-MY - Malay
nb-NO - Norsk bokmål (Norway)
nl-NL - Nederlands (NL-BE)
pn-PL - Polish (Poland)
pt-BR - Português (Brasil)

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**Pre-installation Check**

Pre-installation check for Joomla 1.5.4 Production/Stable [Naik] 6-July-2008

22:00 GMT:

- PHP Version >= 4.3.10
- 2.0 Compression Support
- XML Support
- MySQL Support
- ME Language is Default
- ME String Overused
- configuration.php writeable

Recommended Settings:

There are the recommended settings for PHP in order to ensure full compatibility with Joomla.

<table>
<thead>
<tr>
<th>Directive</th>
<th>Recommended</th>
<th>Actual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safe Mode</td>
<td>Off</td>
<td>Off</td>
</tr>
<tr>
<td>Display Errors</td>
<td>Off</td>
<td>On</td>
</tr>
<tr>
<td>File Uploads</td>
<td>Off</td>
<td>Off</td>
</tr>
<tr>
<td>Magic Quotes Routines</td>
<td>Off</td>
<td>Off</td>
</tr>
<tr>
<td>Registered Global</td>
<td>Off</td>
<td>Off</td>
</tr>
<tr>
<td>Output Buffers</td>
<td>Off</td>
<td>Off</td>
</tr>
<tr>
<td>Session Auto-Start</td>
<td>Off</td>
<td>Off</td>
</tr>
</tbody>
</table>

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Version 2, June 1991

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Preamble

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When sharing the same database between the master site and the slave site, the most important is to use another prefix table than ‘jos_’ for all sites due to a bug in Joomla standard installation that destroy the users present in jos_. See user’s manual for more detail on possible architecture.

Here we have chosen ‘master_’ table prefix for the master website.

For the slave site, we will use the same database with other table prefix (ie. Slave1_, slave2_,…).

If you want to keep ‘jos_’ table for the master database, in that case, you have to install the slave sites on another database to avoid the deletion of the users.
FTP Configuration:

Due to file system permission restrictions on Linux and other Unix systems (and PHP Safe Mode restrictions), an FTP layer is used to handle file system manipulation and enable Joomla installers.

Enter an FTP username and password with access to the Joomla root directory. This will be the FTP account that handles all file system operations when Joomla requires FTP access to complete a task.

For security reasons and if the option is available, it is best to create a separate FTP user account with access to the Joomla installation only and not the entire web server.

Note: If you are installing on a Windows Operating System, the FTP layer is not required.

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Joomla Multi Sites – Demo Installation

**Main Configuration**

- **Site Name:**
  - Enter the name of your local site.
  - Site Name: JMS Demo - Master

**Confirm the Admin Email and Password.**

- Enter your email address. This will be the email address of the Website Super Administrator.
- Enter a new password and then confirm it in the appropriate fields. Along with the username admin, this will be the password that you will use to login to the Administrator Control Panel at the end of the installation.
- If you are migrating, you can ignore the sections. Your current settings will be automatically migrated.

**Load sample data, restore or migrate backed-up content**

**Important:** It is strongly recommended that new Joomla users install the default sample data. To do this, select the option and click on the button before moving to the next steps.

Before leaving the installation, you can populate the site database with data. There are three ways to do this:

1. Default sample data can be inserted. To do this, select this option and click on the Install Sample Data button.

2. A Joomla 1.5.x compatible sample SQL file can be uploaded from a local path and executed on the site. This could be for installing backed up sample data or restoring a Joomla 1.5.x backup. The script should have the correct table prefixes, be in UTF-8 encoding.

Installing sample data is strongly recommended for beginners. This will install sample content that is included in the Joomla installation package.
Now we have **renamed** the Standard Joomla Installation file (**installation directory**)
3. Installation Of JMS on the Master site

![Joomla Administration Login](image)

Use a valid username and password to gain access to the Administrator Back-end.

Return to site Home Page
Now I have registered the product
Select Check Patches
Click on “Install”
After the install, it is probable that you have to login again.
Verify that patches are correctly installed
Until here, patches for additional extension does not appears in the list of file to patches as they are not yet installed.

Click on CANCEL to return in the Joomla Multi Sites

Until here, there is no slave sites.

Lets define some slave sites.

For the demo, we have choosen to create:

- “slave1” for “slave1.demo.jms2win.com”
- “slave2” for “slave2.demo.jms2win.com”
- “x2win” for “www.x2win.eu”
Click on NEW to create a slave site

Save the description

Now repeat the operation for the other slave sites.
In our example, we create the slave2 and x2win
When the installation is completed on the master site, we can see that
A Joomla Multi Sites – Demo Installation

The installation directory is restored and a “multisites” directory is created with the slave sites directory.

```
0:/ms/demo/[^]*
```

```
0:/ms/demo/multisites/[^]*
```

---

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4. Installation Of the Slave Sites

Now, as the slave sites are defined, it is possible to connect on your domain slave sites and repeat the Joomla Installation.

Here we install the “Slave1”

Continue the Joomla Installation until you arrive to the database definition. In our sample, we have selected the same database than the master but we have change the table prefix "slave1_"
In our sample, we continue until the main configuration is require and we give another title to the site
When you have the screen to remove the installation directory, **DO NOT REMOVE** the directory. As you have installed JMS, the installation directory MUST always be present to allow re-install other websites. You can directly select administration.
Now you can repeat the operation for the other slave sites. In our demo, we have create Slave2

You can supervise the installation of the slave sites when you go into the master / manage sites. This show you the site names and database parameters.
### Site Manager

<table>
<thead>
<tr>
<th>#</th>
<th>ID</th>
<th>Site name</th>
<th>domains</th>
<th>db_server</th>
<th>DB</th>
<th>Prefix</th>
<th>User</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>slav1</td>
<td>JMS - Demo SLAVE no 1</td>
<td>slave1.demo2win2.com</td>
<td>mysql5-12</td>
<td>edwinwin_jms</td>
<td>slave1</td>
<td>edwinwin_jms</td>
</tr>
<tr>
<td>2</td>
<td>slav2</td>
<td>JMS - Demo SLAVE no 2</td>
<td>slave2.demo2win2.com</td>
<td>mysql5-12</td>
<td>edwinwin_jms</td>
<td>slave2</td>
<td>edwinwin_jms</td>
</tr>
<tr>
<td>3</td>
<td>x2win</td>
<td>JMS - Demo Domain <a href="http://www.x2win.eu">www.x2win.eu</a></td>
<td><a href="http://www.x2win.eu">www.x2win.eu</a></td>
<td>mysql5-12</td>
<td>edwinwin_jms</td>
<td>x2win</td>
<td>edwinwin_jms</td>
</tr>
</tbody>
</table>

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5. Selection of different default template on each Sites

We received multiple questions concerning the template and if each site can select its own default template. The answer is YES. Each website can select its own default template. The particularity of the Template and Languages is that they are only installed on the Master site. The installation on a slave site is disabled.

In our demo, we have used different default of Joomla standard 1.5.6

<table>
<thead>
<tr>
<th>Master</th>
<th>rhuk_milkyway</th>
</tr>
</thead>
<tbody>
<tr>
<td>Slave 1</td>
<td>JA_Purity</td>
</tr>
<tr>
<td>Slave 2</td>
<td>beez</td>
</tr>
<tr>
<td>X2win</td>
<td>beez</td>
</tr>
</tbody>
</table>