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How to Clone a JOOMLA SITE HOSTED AT GODADDY.COM and on a local Uniform server

Goals of this tutorial:

It was more of an ordeal than I cared for to get to get the JoomlaCloner (http://www.joomlaplug.com/) backup component for Joomla CMS (http://Joomla.com) to work on my hosted (GoDaddy.com) web site.

Unfortunately I really can't recommend a user friendly web hosting company. GoDaddy is much less than user friendly. The canned response to everything is that it's someone else's issue other than GoDaddys while they at the same time stifling users from helping each other by not providing a user forum. The bottom line is that they don't want to help you, nor do they want to facilitate the users helping themselves. I can't recommend another hosting company either as I have posted widely seeking a hosting company that was friendly to those choosing, installing, configuring, and troubleshooting Joomla components on their servers without finger pointing response. A 24 hour helpdesk is of little to no use, if your web host will not work with you to resolve issues.

It is my observation, mistaken though it may be, that the Joomla community itself is not really structured to be able to offer effective support either. I have been somewhat discouraged with my project at times, I must admit.

So to make it easier for the next soul that has to walk where I have been this past month, I offer this tutorial in the hope that you can learn from my mistakes and have as little to do with reinventing the wheel as possible.

This 6 step tutorial is specific to manually cloning a Joomla web site from one domain to another domain that is hosted on a Linux Server at GoDaddy.com hosting company.
On the other hand much of this information will transfer over to those hosting sites elsewhere and will suffice at least until someone writes instructions specific to your host or hell freezes over. Take your pick.

As for the portability of this document to those hosting elsewhere:
Only step 5 is overtly hosting company specific, and step 6, the most likely to cause you problems, is limited to the configuration of a single short configuration screen which simplifies any support issues.

I want to sincerely thank the support staff at JoomlaPlug.com. I could not have gotten anywhere without their excellent support!   Please direct any constructive criticism, corrections of errors etc. to tutorial@mexdental.com

(I am not happy with the resolution of the captures using SnagIt but they will have to do for now.)

Now on with the show…

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Part III

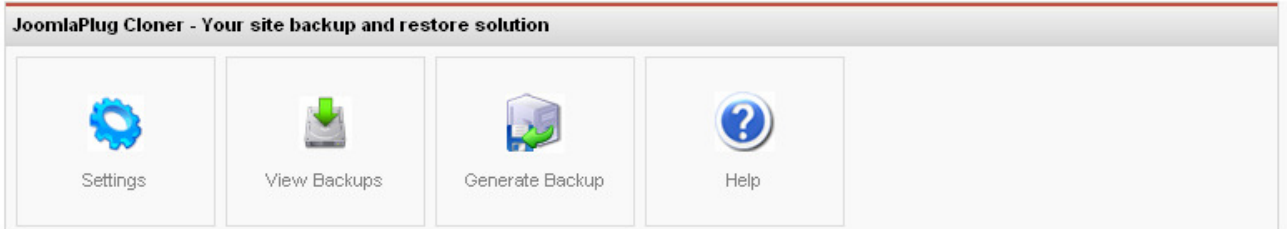**Moving Locally created sites to GoDaddy.com**

Step 1: Try to demo JoomlaCloner

You will not get the ion cube loaders (www.ioncube.com) to work at GoDaddy.com that the demo version of JoomlaCloner requires. So instead of pulling your hair out talk real nice to the support staff at JoomlaPlug and get them to install the full version of Joomla Cloner on your Joomla site with a 7 day activation key. Barring that, don't hesitate to go ahead and buy the JoomlaCloner license with 1 year of support for $100 and be done with it. You can later upgrade to a lifetime license for an additional $120.

Step 2: Initial Joomla Cloner Configuration

In the JoomlaCloner main menu notice the 4 buttons: **Settings, View Backups, Generate Backup and help.**

Choose the settings button on the far left.

User Packages Path:	
	if you would like to offer users Joomla packages for automatic install, please enter the path to where you wish to keep them, must be writeable

Backup Generation Options

Manual backup:	Yes ⦿ No ◯ This option is indicated if you have php time execution limitations on your server, this will require javascript activated on your browser
Include backup directory in clone:	Yes ◯ No ⦿ if set to Yes, previuos backups will also get archived generating bigger backup size each time
Archive Type:	Zip ◯ Tar ⦿ determine what type of archive will be generated, depending on your server support or your preferences

Server Use Options

Active:	Tar path or command: /bin/tar (required if archive type is Tar and Active box checked)

Which opens the above configuration window. Find the section titled "Backup General Options" and change the Manual backup radio button to "Yes".
This will make your backups faster and avoid timeouts with larger data bases. That's it! You have configured JoomlaCloner!

Step 3: I Create the Backup for domain "A" (MexDental.com)

From the main JoomlaCloner main menu choose "Generate Backup" which opens the following window:

Home   Site   Menu   Content   Components   Modules   Mambots   Installers   Messages   System   Help

0   0   **Logout tittiger**

mexdental.com / com_cloner / confirm

Continue   Cancel

open all | close alll

Cloner Manager - mexdental.com

Database Options

Database Backup Settings

☑ Backup database and include in this backup set

☐ Add DROP SYNTAX

Mysql Compatibility   Default ▾

Select tables to exclude from backup:

Current database: **mex0717805362305**

jos_banner
jos_bannerclient
jos_bannerfinish
jos_categories
jos_components
jos_contact_details
jos_content
jos_content_frontpage
jos_content_rating
jos_core_acl_aro
jos_core_acl_aro_groups
jos_core_acl_aro_sections
jos_core_acl_groups_aro_map
jos_core_log_items
jos_core_log_searches

Include Extra Databases

you can select multiple databases to include in the backup by holding down the CTRL key and selecting the desired items with your mouse
the databases will be stored in administrator/backups directory in your archive

Structure

Choose the excluded modules, components or plugins from your backup

open all | close all

Files Options

Please choose your backup name

if left blank we will generate a name by default!

Please select the folders you wish to exclude from archive
- by default all folders are included, if you wish to exlude a folder and it's subfolders just check the box next to it

Excluded Folders and/or files

Contents for **Joomla Root** check all uncheck all

Excluded items list:

- 📁☐ administrator
- 📁☐ cache
- 📁☐ components
- 📁☐ editor
- 📁☐ help
- 📁☐ images
- 📁☐ includes
- 📁☐ language
- 📁☐ mambots
- 📁☐ media
- 📁☐ modules
- 📁☐ templates
- 📄☐ CHANGELOG.php
- 📄☐ COPYRIGHT.php
- 📄☐ LICENSE.php
- 📄☐ configuration.php
- 📄☐ configuration.php-dist
- 📄☐ error.log

Do not change any of the default settings. Hit the "continue" button in the upper right hand corner of the page. You should soon see the following screen:

If so then your backup has been completed.

Step 4: Move the backup files to the destination folder for domain "B" (AlgodonesDental.com)

Rather than using the built in functions (i.e. the clone button in the "view backups" screen) I am going to show you how to manually move your files to the destination location. This is good to know in case JoomlaCloner is not working as it should be. Later you can go back and learn how to use the GUI method using the clone button on the "view backups" screen. (Perhaps I will write another tutorial on that process if I get enough requests.)

I assume that you have another folder set up that is defined as another domain from the original. Though this is not necessary it just makes things easier (It also helps with the GUI method of cloning if you have unique FTP account that brings you right to the root if domain "B".)

Now you are going to need an FTP program such as FileZilla for the following:
In the root folder of your original Joomla site, where the backups that you just created lie go to the :

/administrator/components/com_cloner/restore/ directory and download the 3 PHP scripts **Joomla.Cloner.php, pcltar.lib.php, and pclzip.lib.php**
that you will find there.

Then go to the **/administrator/backups/** directory and download the actual backup that will have a filename such as "**backup_2007-08-15_13-25_mexdental_com-sql-nodrop.tgz**"

Now all you have to do is to upload these 4 files to the directory where your cloned site will exist. (Site "B" or in my case AlgodonesDental.com)

Step 5: Create a Data Base

You should be familiar enough with the GoDaddy site to get to the following screen. If not please RTFM or cal their 24/7 support if you are in a hurry.

If you have a previous database associated with your secondary Joomla Site, like I do on the bottom line, hit the X on the far right of the database row and delete it.   Wait 5 minutes or so until the "pending" status notation clears.

 Now click the "create database" button in the upper right hand portion of the window and the following screen should come up:

. I choose MySQL V5.0 which the security forums claim to be more secure, but V 4.1 also seems to work. For the "MySQL Database User Name:" I use the secondary domain name, "algodonesdental", for simplicity. This name also becomes the database name as you will see shortly. Also use a password that you won't forget.

Hit the "OK" button and wait 5 minutes until the "pending" status disappears.

Finally click the "open manager" button associated with the database and log in to verify that the database user name and password work correctly. Then log back out. Keep this database window open you are going to need it in the next step.

Step 6: Run the PHP cloner script on Site "B"

For this step use either IE or Opera. Do not use current (August 07) Firefox browsers!

From the GoDaddy Database widow that you left open from the previous step, in the row corresponding to the new database, click on the pencil icon on the right and it will open an informational widow about the database including the "host name" which is the arbitrary location that GoDaddy assigns to your new database. (It changes every time you recreate the database and is never "localhost") This is that GoDaddy screen:

MySQL >> Details: algodonesdental

Description   Password   Configuration

Database Information

This is the information for your database. You can edit the description for this database or change the password associated with it by using the buttons in the menu bar.

MySQL Database Information

Status:	Setup
Host Name:	p50mysql7.secureserver.net
Database Name:	algodonesdental
Database Version:	5.0
Description:	DB for algodonesdental
User Name:	algodonesdental

In another browser window go to the folder where you uploaded the backup file and the 3 scripts. by typing in http://your-domain.com/Joomla.Cloner.php which should result in the following screen:

JoomlaCloner Automatic Restore!

Path configuration: check PhpInfo
Security Note: after restore delete the Joomla.Cloner.php script from your server
Install directory:

/home/content/t/i/t/tittiger1/html/algodonesdental/

please enter the full server path to the install directory, must have writing permissions
Install Url:

http:// ▾ algodonesdental.com/

please enter the url of where Joomla will be accessible from, can be remote also if you use the ftp function below to other host

Choose clone archive to install:

backup_2007-08-15_13-25_mexdental_com-sql-nodrop.tgz(9.48M) ▾
Mysql configuration:
☑ import mysql database
☐ incremental sql import (recommended for large databases)
Character set of the file: Default ▾

Mysql server:	p50mysql7.secureserver.net
Mysql username:	algodonesdental
Mysql password:	PASSWORD
Mysql database:	algodonesdental

Files transfer and configuration:
☐ Skip files restore, will attempt to restore only database
☑ restore files permission
☑ Restore by using the server utilities unzip/tar

Install files throught ftp: ☑ - incremental transfer   Install files directly:
○   ⦿
this will attempt to transfer all files through ftp, so the   transfering the files directly will cause some permissions
owner keep it's permissions, can be used to send files to   problem in some cases, but it's faster than the other
other hosts also, *recommended   option

Ftp server: localhost
             port: 21
Ftp user:
Ftp pass:

Ftp path: ftp root path of where Joomla will be
            installed

[Start install]
*after hitting submit please wait for the package to get unarchived and transfered through ftp if it is the case!
NOTE:*** IMPORTANT - if you plan to apply this script to a live site - upgrade or fresh install over existing files please make sure you first make a backup of them!

JoomlaCloner Restore Version 1.9.0
For support and questions please visit us at www.joomlaplug.com

1. Check the check box: "Restore by using the server utilities unzip/tar"
2. Select the radio button: "Install files directly"

Then in the "MySQL configuration" section cut and paste in the Mysql server:, Mysql username:, MySQL database: from the GoDaddy database details window to avoid

making mistakes.   Finally type in your password and hit the "Start Install" button on the lower left.

If you get this screen it's a very good sign!
☺


```
5b
Files succesfully copied to /home/content/t/i/t/tittiger1/html/algodonesdental/
1f
```

Configuration updated!

```
25c
Please click here to continue with database import...  109 JoomlaCloner Restore Version 1.9.0
For support and questions please visit us at www.joomlaplug.com 1 0
```


Click on the hyperlink "Please click here to continue with database import..."

Which should produce this final screen!


```
10a JoomlaCloner Restore Version 1.9.0
For support and questions please visit us at www.joomlaplug.com 0
```


If you are not redirected go to your secondary site manually check out your new site.

Now if your primary site becomes corrupted or hacked it is a simple matter in the GoDaddy interface to point your primary domain name at the folder that contains the working clone so that you always have a hot standby.

I hope this has been helpful.
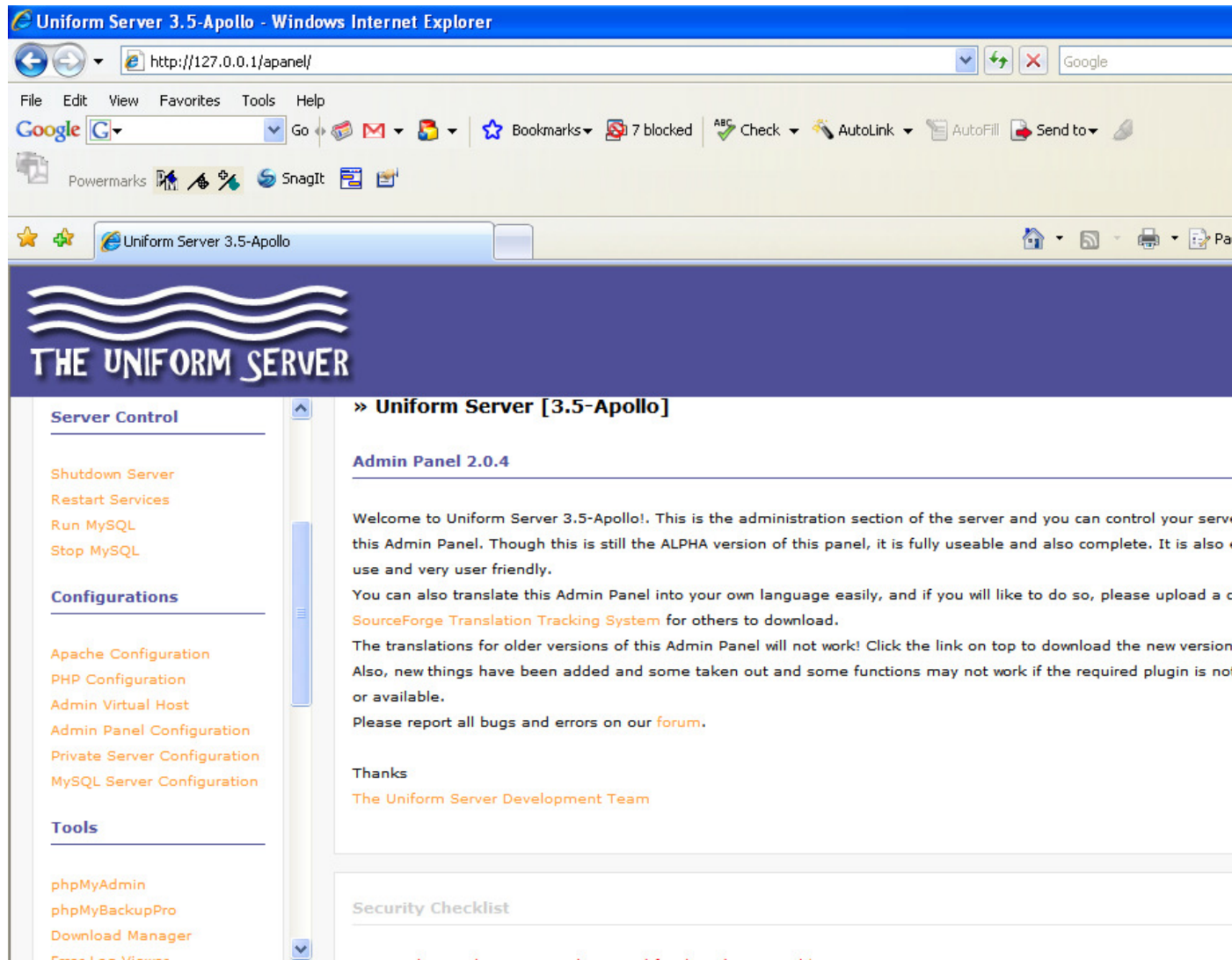*Send comments to tutorial@mexdental.com*
And if you are in need of excellent low cost dental work you might want to check out our site in the fall of 2007. MexDental.com and the currently up photo album at
http://picasaweb.google.com/mexdental
.

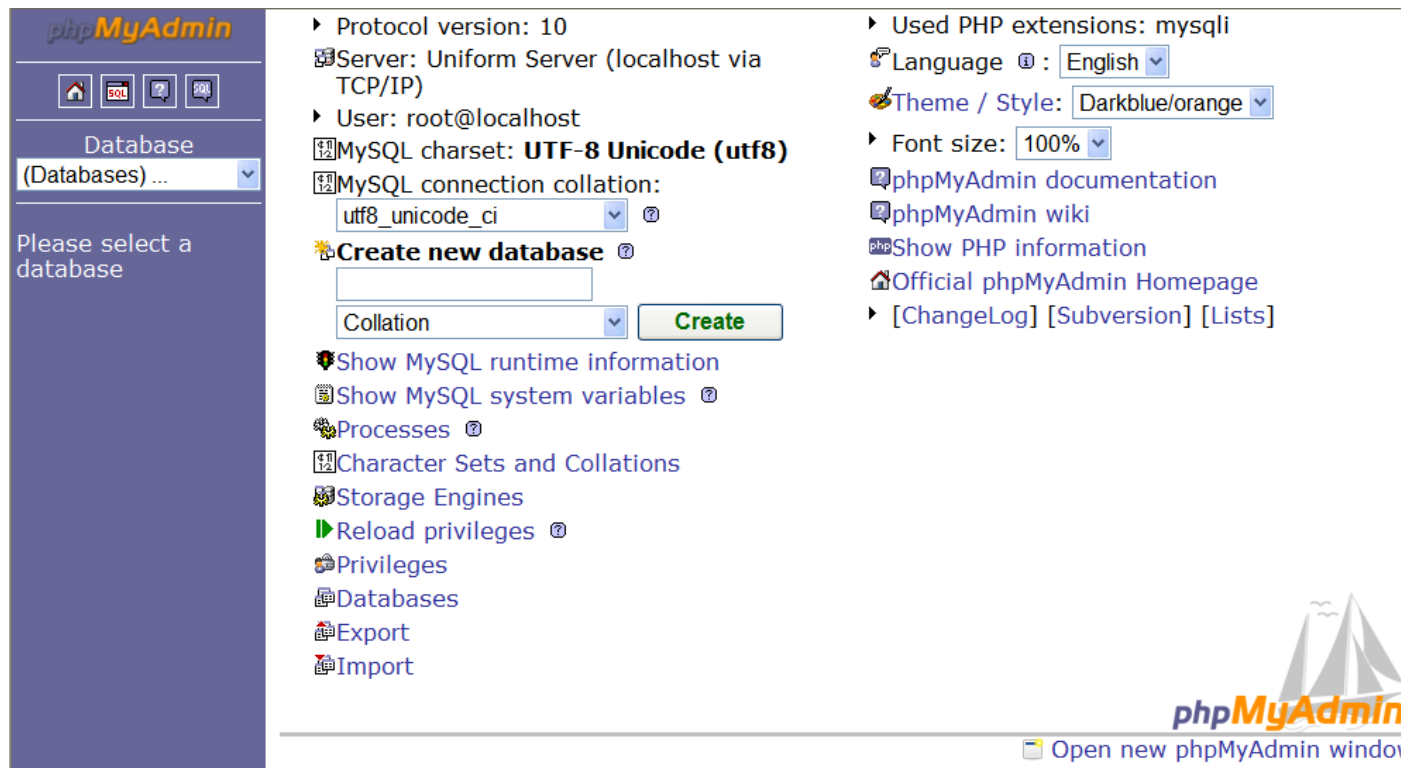# How to use JoomlaCloner to clone Joomla under a local copy of Uniform server

This is how I cloned an install of Joomla 1.0.13 on my laptop under a fresh install of Uniform Server 3.5. This is the main interface the "apanel" at http://127.0.0.1/apanel

The only change in configuration of JoomlaCloner was as follows:
On the "settings" page, on the "general" tab of JoomlaCloner I changed the default radio button configuration of "manual backup" from no to "yes".   I then created a manual backup which succeeded.

As I do on the GoDaddy.com servers I moved the resulting backup file
and the 3 PHP scripts to a fresh directory in the Apache www directory that has a freshly created MySQL database set up for it. Here is a capture of phpMyAdmin opened from the Uniform server's apanel:

Then using IE-7 I attempted to run JoomlaCloner.php. The automatic restore screen comes up as up as expected:

Being unsure of the default Apache server configuration under the Uniform Server I used the same configuration that I was using on my shared hosting account on GoDaddy.com.
1. I checked the "Restore by using the server utilities unzip/tar" check box and
2. Selected the "Install files directly:" radio button.
3. Then I filled in the "Mysql configuration:" information

Which failed with the following errors:

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

I then went back and tried unchecked the "Restore by using the server utilities unzip/tar" check box and ran it again. Which took a long time consider the tiny file sizes. I assume because PHP was used to unpack the backup Joomla directory files and that this was much slower than unzip/tar.

Finally the following screen came up indicating that Permissions were restored, files were successfully copied and the configuration was updated with a link to click upon to continue the database import…

<div style="background:#e8e8e8;">

JoomlaCloner Automatic Restore!

Permissions restored to their initial value...

Files succesfully copied to W:/www/mexdental2/

Configuration updated!

[Please click here to continue with database import...](#)

JoomlaCloner Restore Version **1.9.0**
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</div>

Another screen came up with the following message:

Database populated...

All should be done! Click here to continue...

I clicked on this final link and it brought up the cloned site!

Moving Locally created sit to GoDaddy

Following the procedure in part 1, steps 4,5, and 6 I was able to clone both a Joomla 1.0.13 and Joomla 1.5rc2 site to GoDaddy.com

I hope this has been helpful.
Send comments to tutorial@mexdental.com
And if you are in need of excellent low cost dental work you might want to check out our site in the fall of 2007. MexDental.com and the currently up photo album at http://picasaweb.google.com/mexdental

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