Installation Guide

Cosmos Website Application

2009

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N/A

8/29/2009

Download Mysql from the following location :  
<http://dev.mysql.com/downloads/mysql/5.0.html>

Download the “Gui Tools” package for MySQL from the following location:  
<http://dev.mysql.com/downloads/gui-tools/5.0.html>

Download FastCGI for IIS 6:  
<http://www.microsoft.com/downloads/details.aspx?FamilyID=2d481579-9a7c-4632-b6e6-dee9097f9dc5&displaylang=en>

Download ISAPI re-write Lite:  
<http://www.helicontech.com/download/isapi_rewrite/ISAPI_Rewrite3_0064_Lite.msi>

Download PHP from:  
<http://windows.php.net/downloads/releases/php-5.3.0-nts-Win32-VC9-x86.msi>

Extract the zip file named Setup.zip into a directory.   
Place all of the installation programs that you downloaded on the last page in this directory as well. I will name mine “Setup” and place it on the desktop.

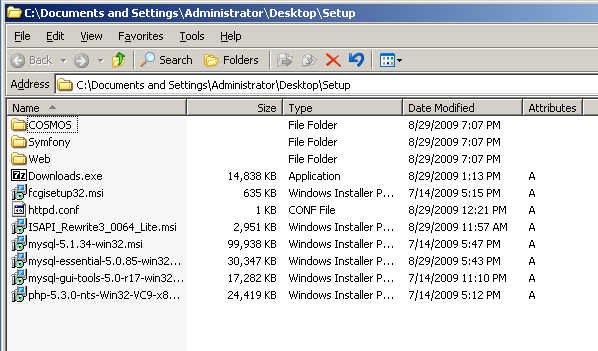


Figure Your Directory should look like this (ignore the Downloads.exe)

# Install FastCGI for IIS

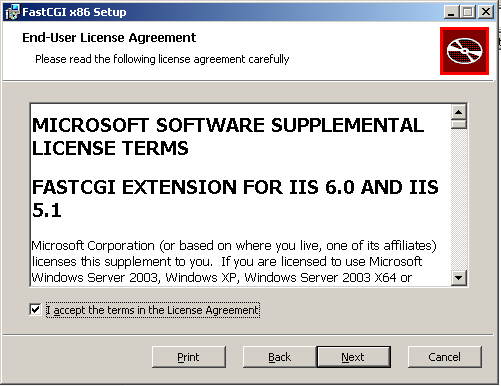


Figure Installing FastCGI is simple, just accept and click next

# Install ISAPI\_Rewrite Lite

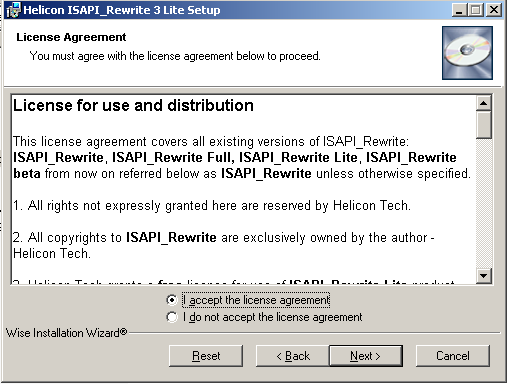


Figure accept the license agreement and click next

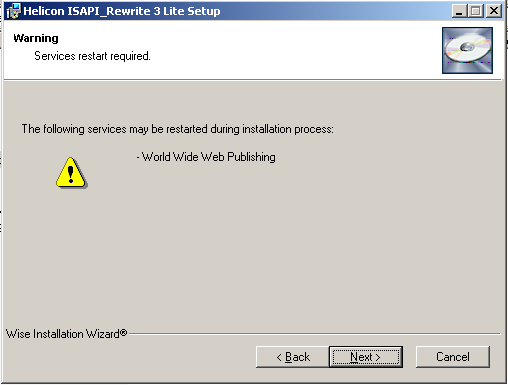


Figure IIS will be restarted, click next to do so

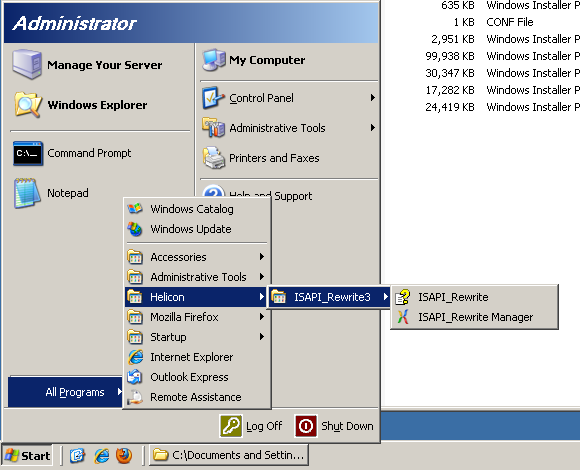


Figure After the installation is finished, run the ReWrite Manager from the start menu

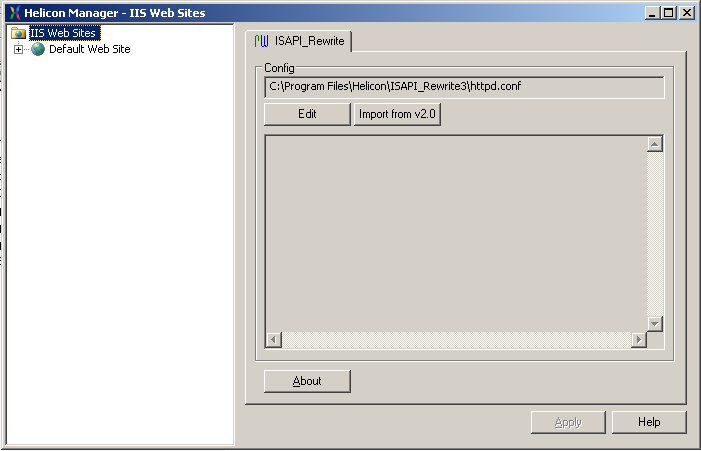


Figure Once the application has started, click the Edit button

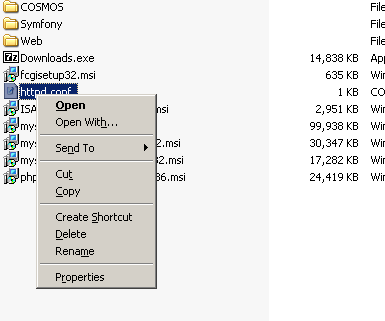


Figure Go back to the installation folder, right click httpd.conf and open it with word pad or notepad

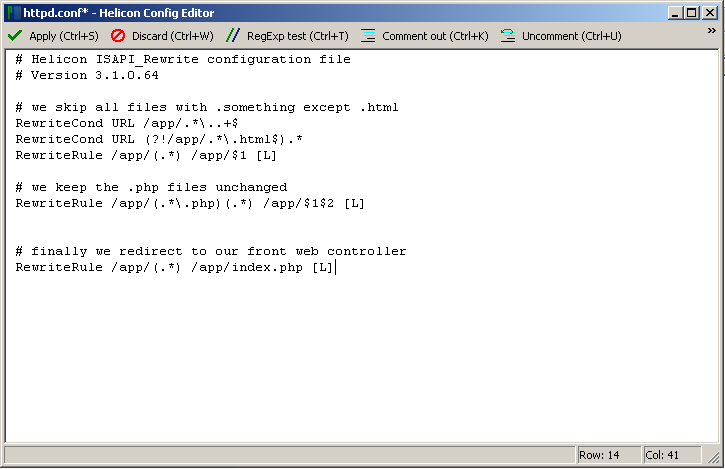


Figure Paste the contents of httpd.conf into the window and click Apply

# Install MySQL Gui Tools



Figure click next

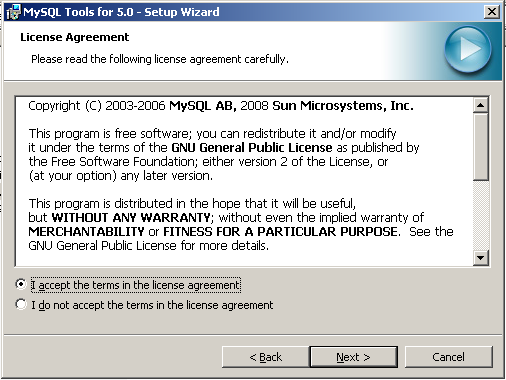


Figure Accept the agreement and click next

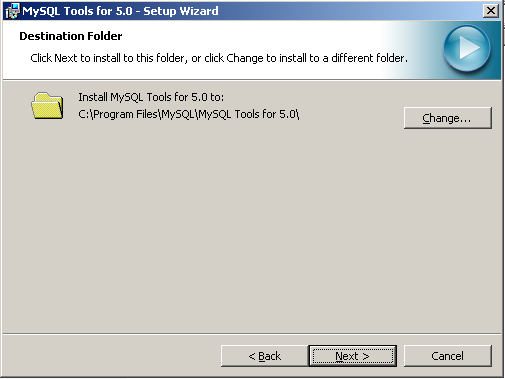


Figure keep the default location and click next



Figure select complete and click next

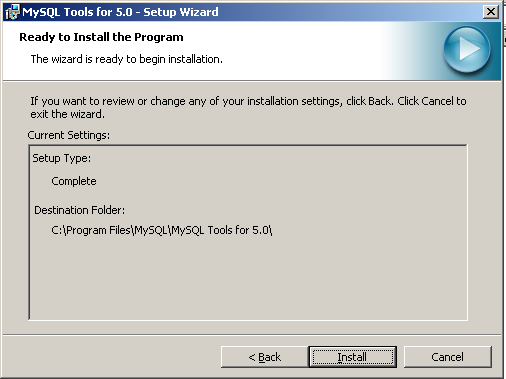


Figure review and click install

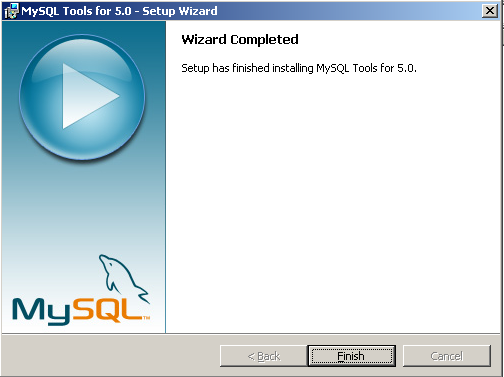


Figure click finish

# Install MySQL Server



Figure click next

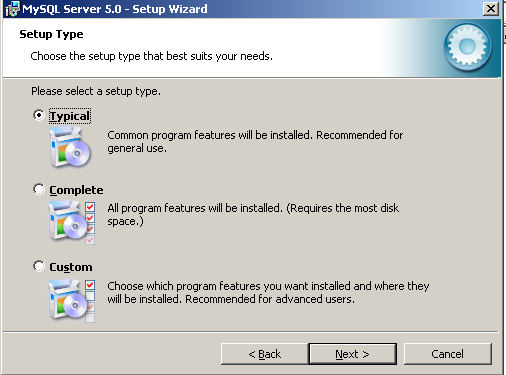


Figure select typical and click next

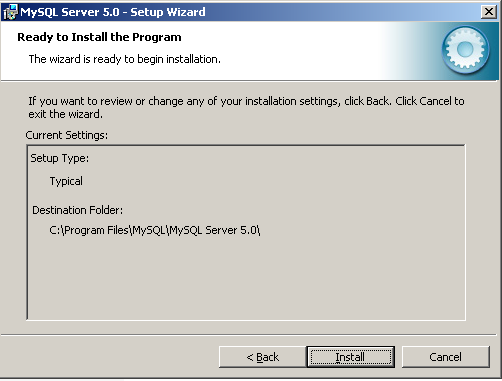


Figure review and click next

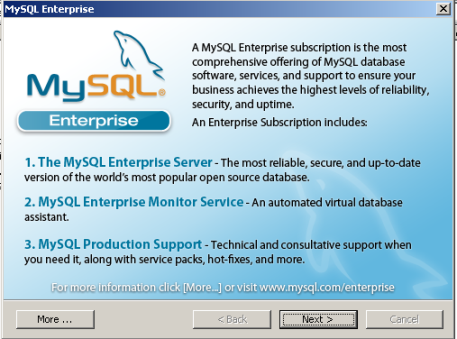


Figure click through offer to buy free product page 1

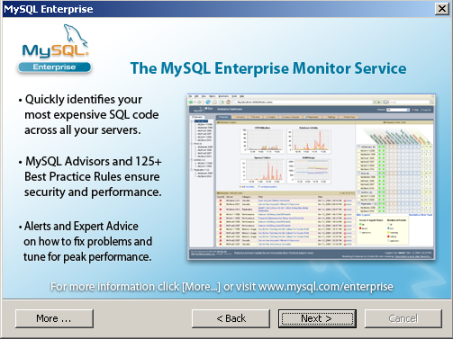


Figure click through offer to buy free product page 2

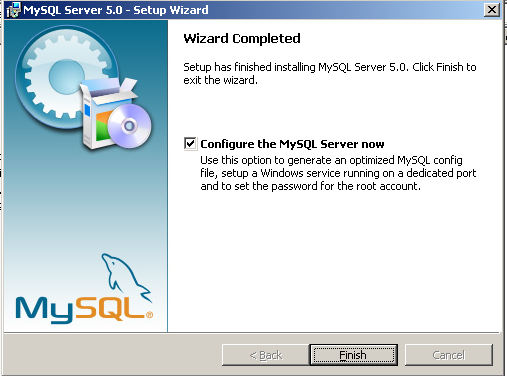


Figure make sure the "configure the MySQL Server now" box is checked and click finish

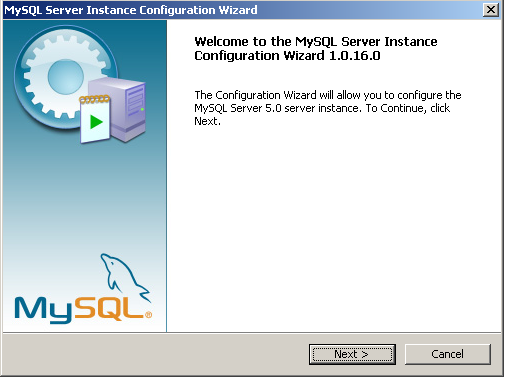


Figure click next

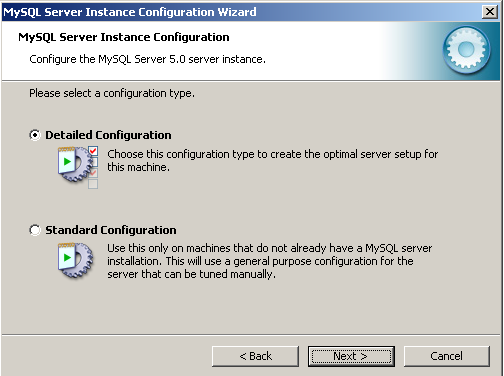


Figure select detailed configuration and click next

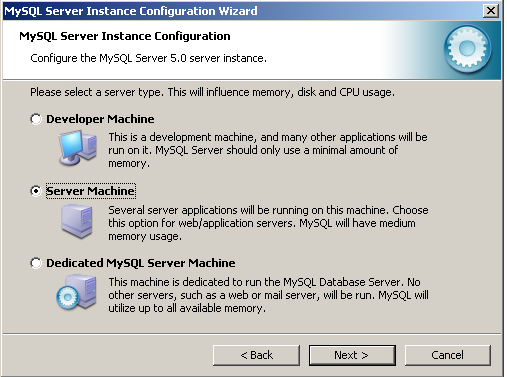


Figure select "Server Machine" and click next

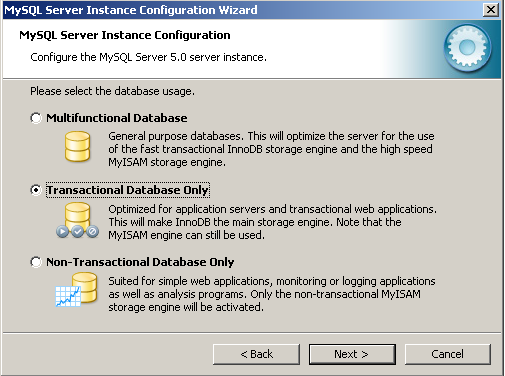


Figure select "Transactional Database Only" and click next

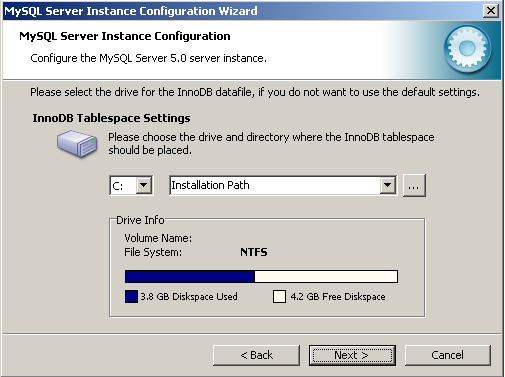


Figure click next

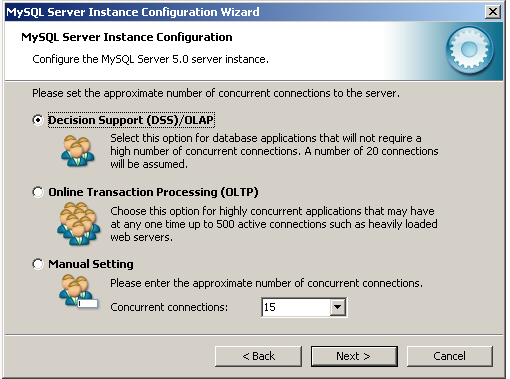


Figure click next

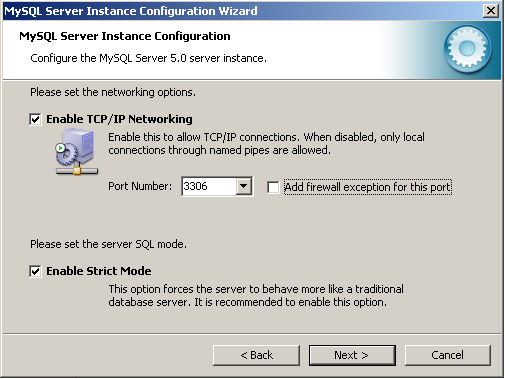


Figure Click next

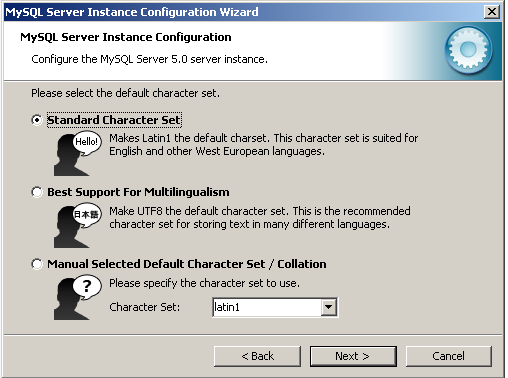


Figure click next

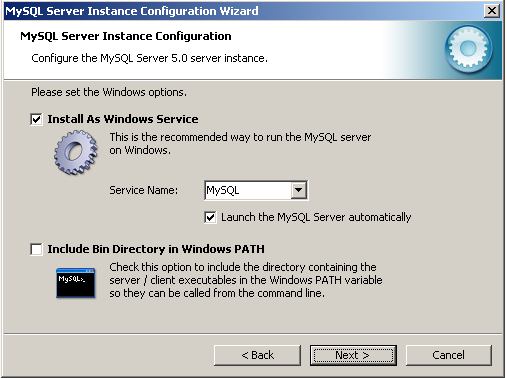


Figure leave defaults and click next



Figure enter any password and click next

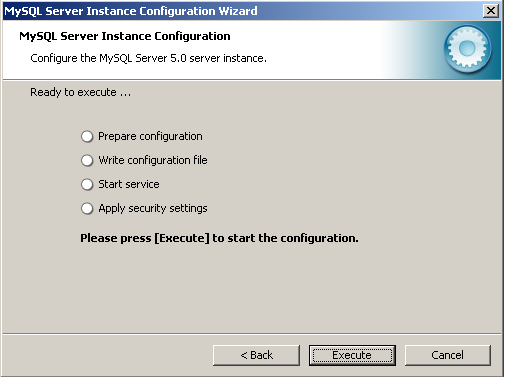


Figure click execute

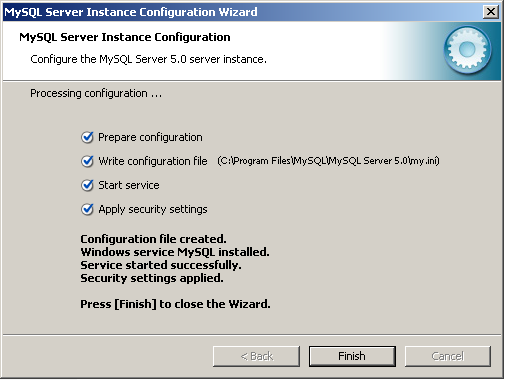


Figure click finish

# Create database schema, web application user and assign permissions

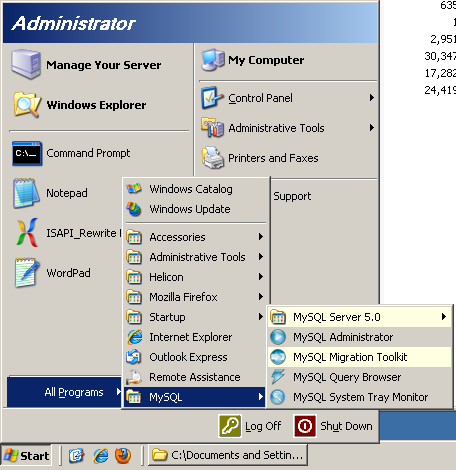


Figure from the start menu run the "MySQL Administrator" application

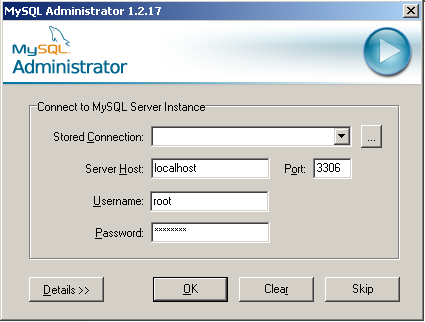


Figure enter localhost as the server host, root as the username, and your password. click Ok

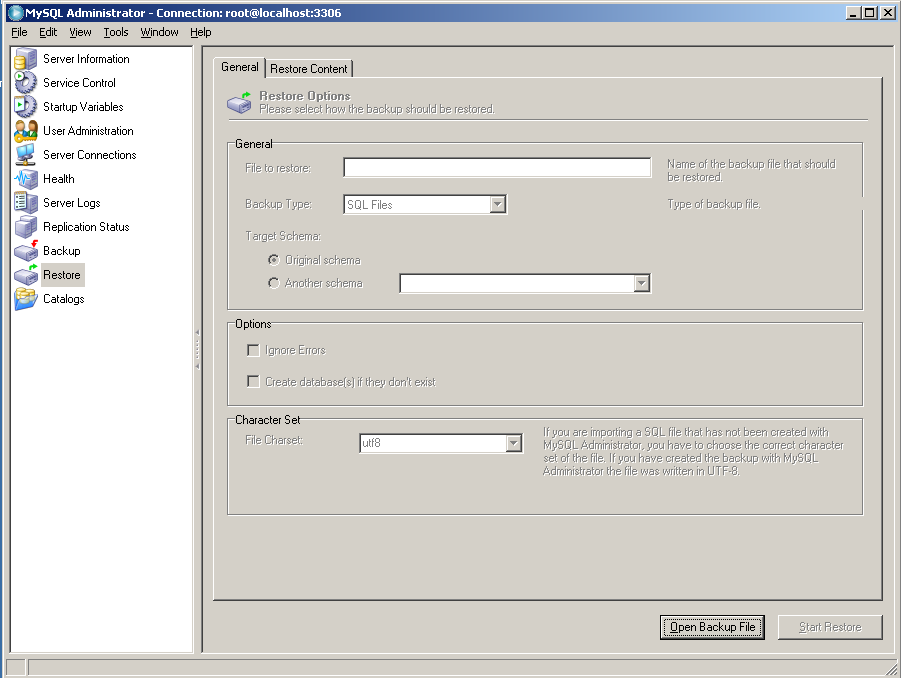


Figure select "Restore" from the menu on the left. Then click the "Open Backup File" button

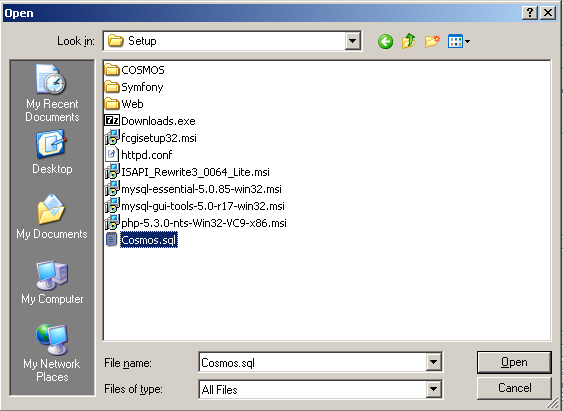


Figure In the dialog, browse to the install folder, select Cosmos.sql and click "Open"

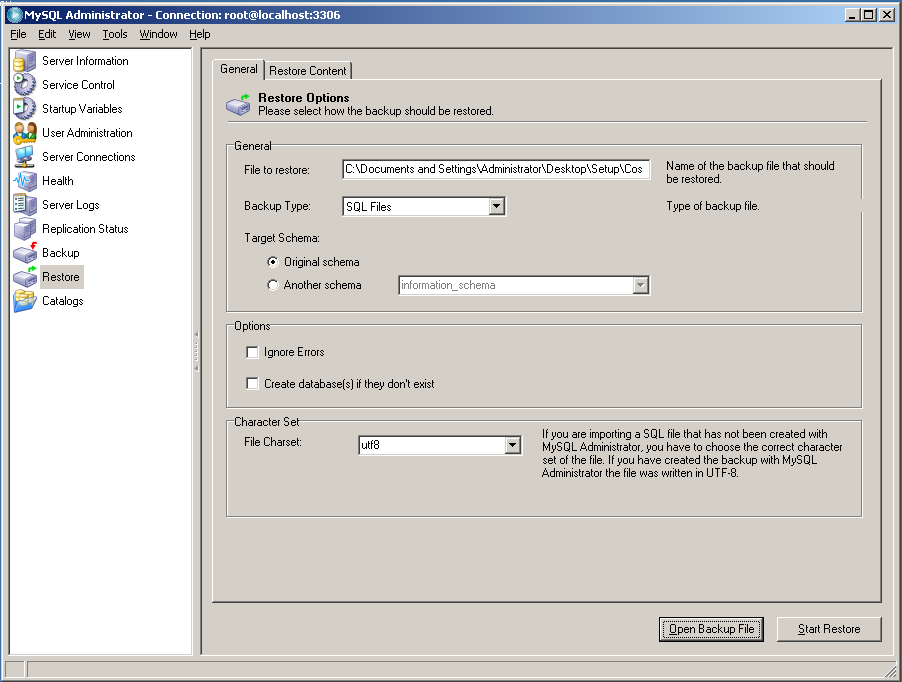


Figure leave the defaults selected and click the "Start Restore" button

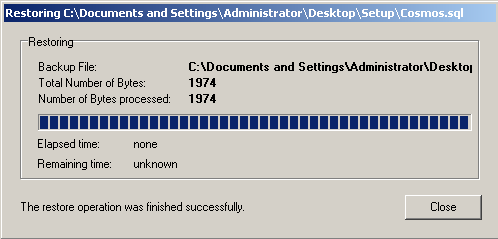


Figure click close

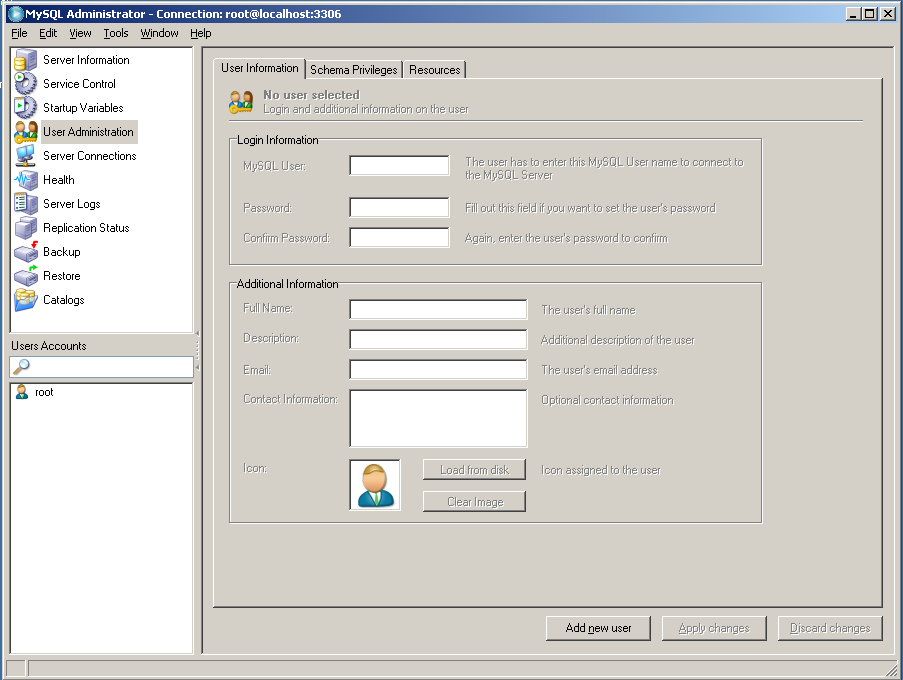
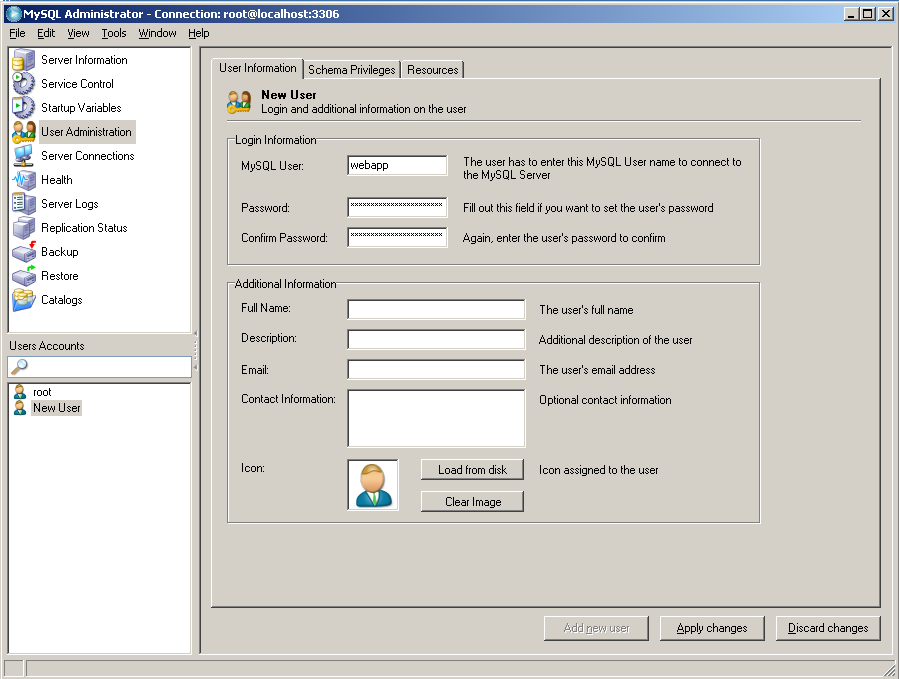


Figure select "User Administration" from the menu on the right. Then click the "Add new user" button



Enter webapp as the username

For the password enter 7repr2w9vA3rab6UtHaChapHAraWr3Ta

I would cut and paste the password from this document to make things easier(make sure you don’t copy any extra spaces)

Click the “Apply changes” button

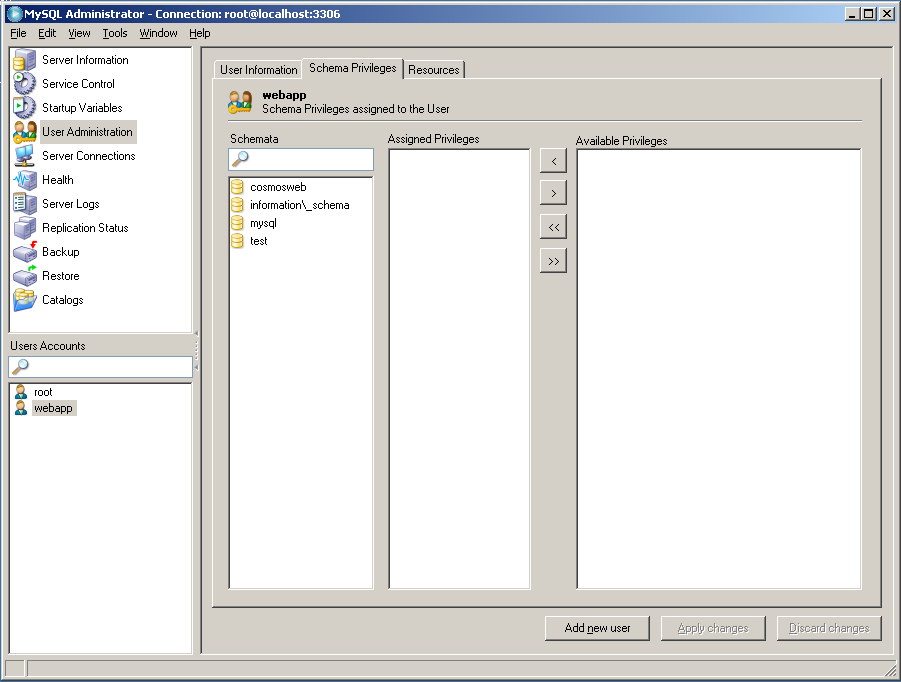


Figure From the same screen select the "Schema Privileges" tab

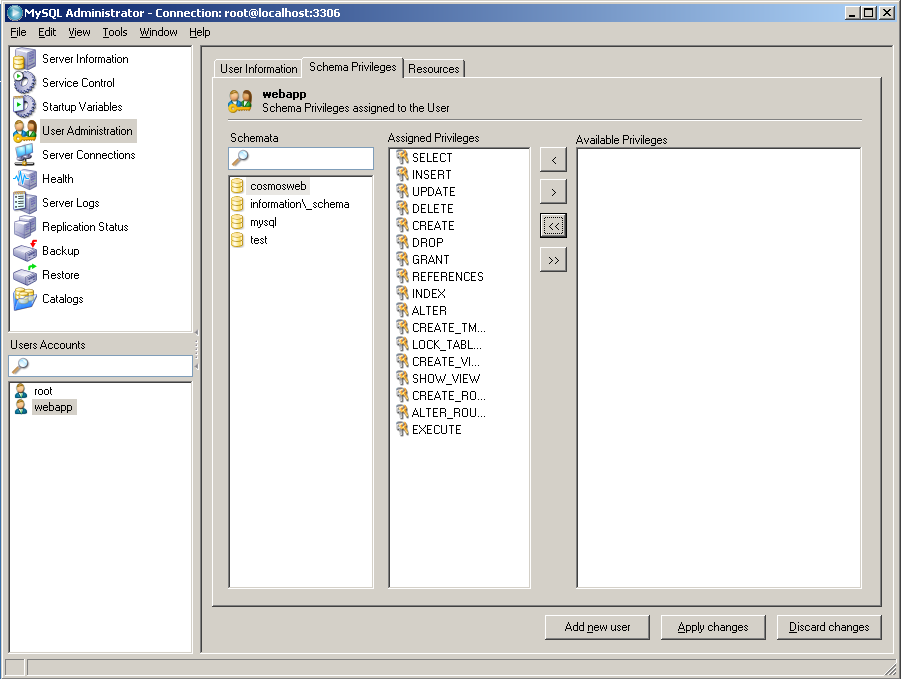


Figure select the "cosmoweb" schema and click the "<<" button to give the webapp user all privileges. Click "Apply changes"

Exit MySQL Administrator



Figure from the start menu, run the "MySQL Query Browser" application

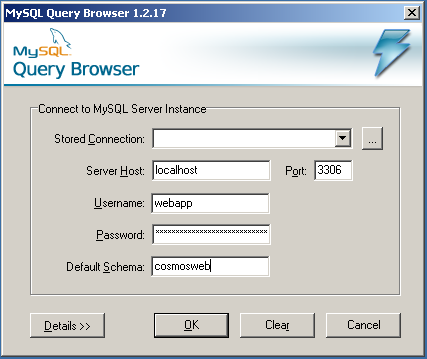


Figure enter localhost as the host, webapp as the username, the password from earlier in this document, and cosmosweb as the default schema. click Ok

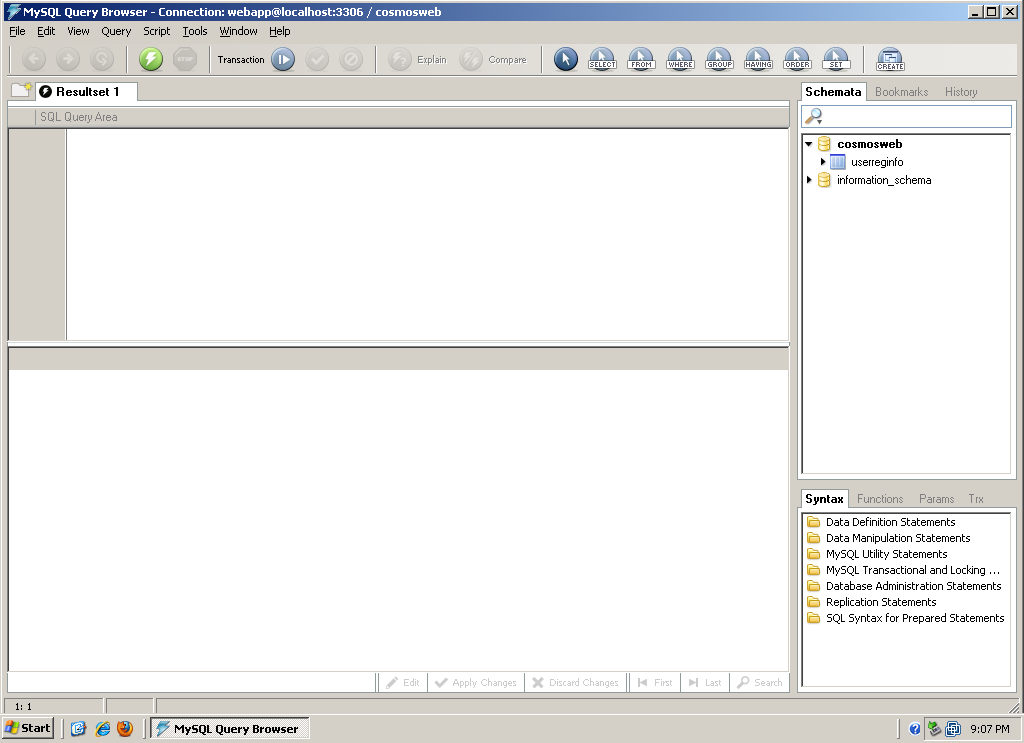


Figure This should appear and confirms that the account we made earlier works. Close the window

# Install PHP



Figure run the PHP installer and click next

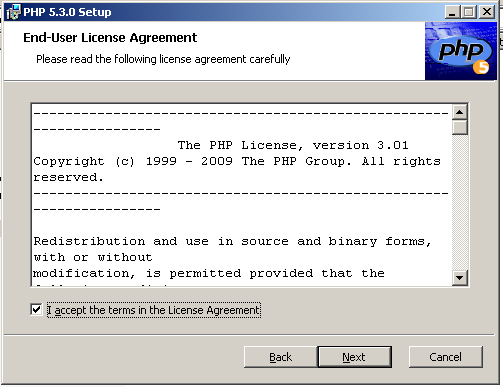


Figure accept the installation agreement and click next

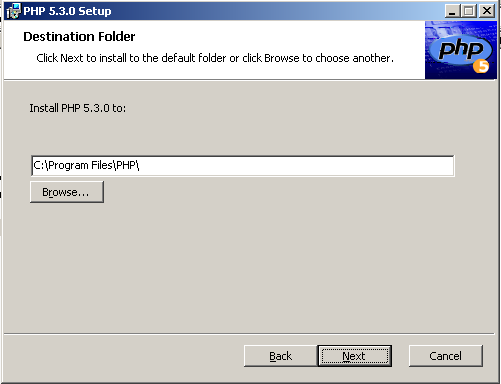


Figure leave the default installation directory and click next

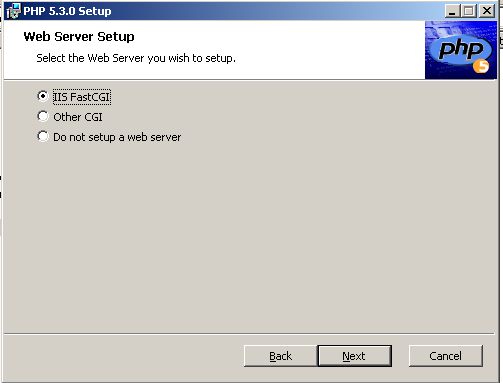


Figure select IIS FastCGI and click next

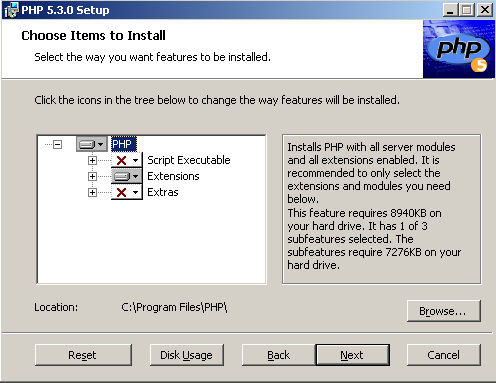


Figure leave the defaults and click next

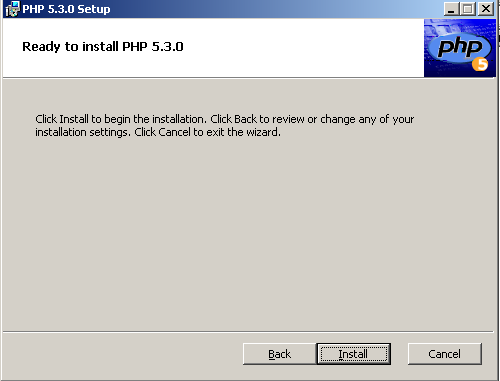


Figure click install

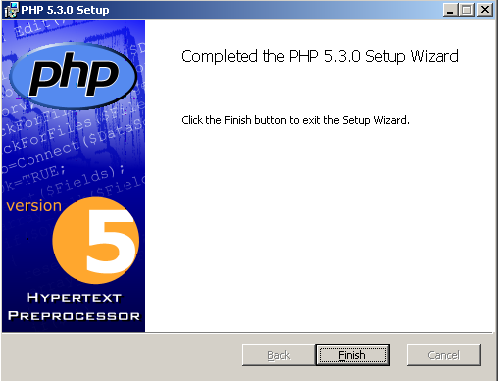


Figure click "Finish"

# Configure the PHP 5.3 mandatory date.timezone setting

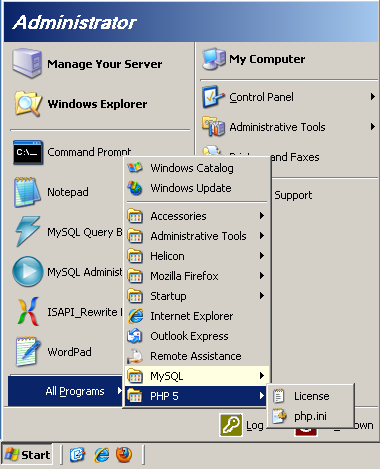


Figure from the start menu select php.ini from the PHP 5 folder

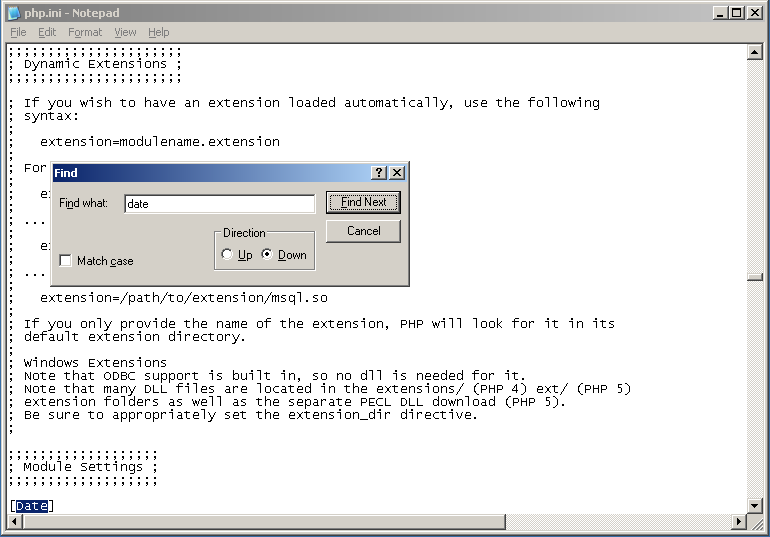


Figure Notepad will open after clicking php.ini. Pres Ctrl+f to bring up the find dialog. Enter "date" and click find next

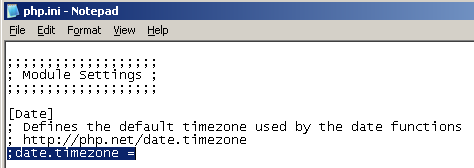


Figure under the "[Date]" section, remove the line "; date.timezone ="

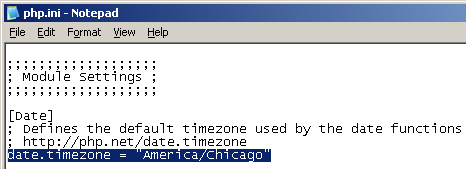


Figure enter this line, only with your time zone. A list can be found at <http://us3.php.net/manual/en/timezones.america.php>

Save the file and exit.

# Install Symfony

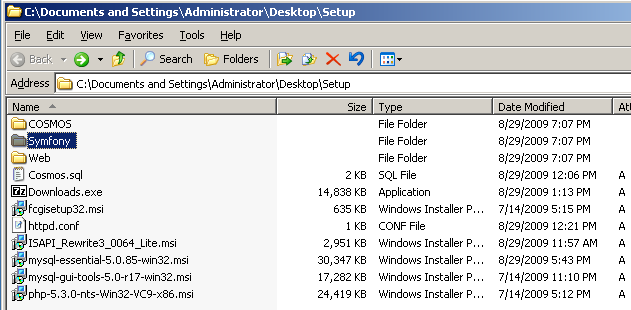


Figure return to the installation folder and select the "Symfony" folder. Type Ctrl+c to copy the folder.

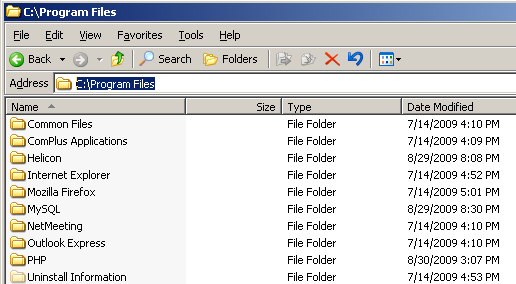


Figure enter "c:\Program Files" into the address bar and hit enter. Now type Ctrl+ v to paste the Symfony folder into program files

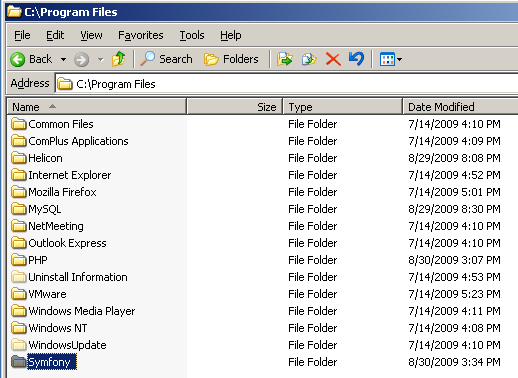


Figure once the operation is complete, you may close the window

# Copy the html files to the web root directory

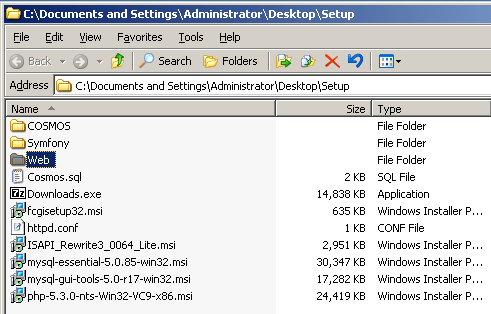


Figure return to the installation directory and open the "Web" folder

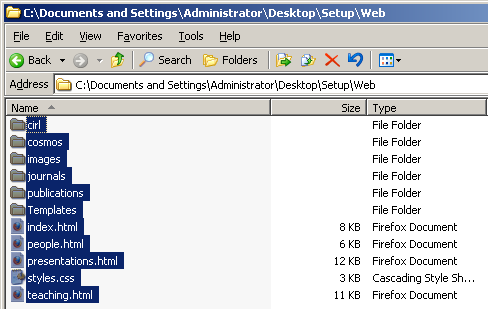


Figure from the "Web" directory type Ctrl+a to select all files and folders. Type Ctrl+c to copy them

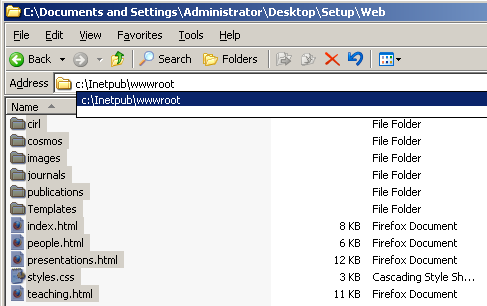


Figure enter "c:\Inetpub\wwroot" into the address bar and hit enter to go to the web root directory

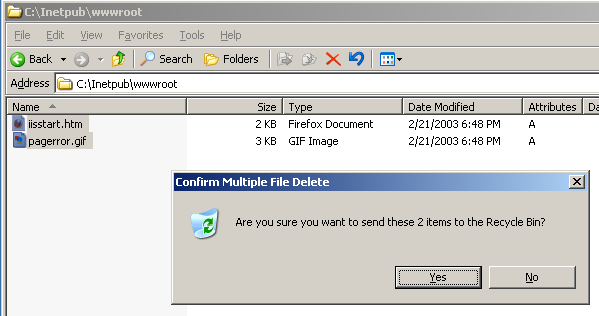


Figure delete the existing contents of the web root directory

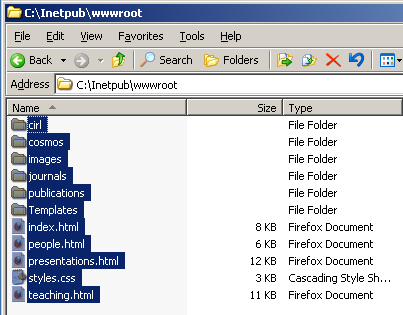


Figure type ctrl+v to paste the copied files and folders into the web root directory

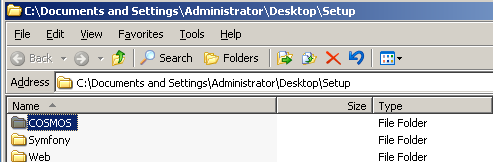


Figure return to the installation folder and select the "COSMOS" folder. Type ctrl+c to copy it.

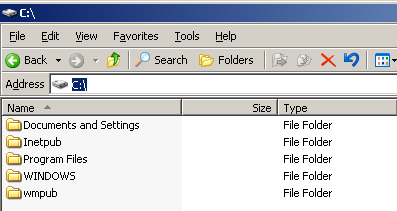


Figure type C:\ in the address bar and hit enter

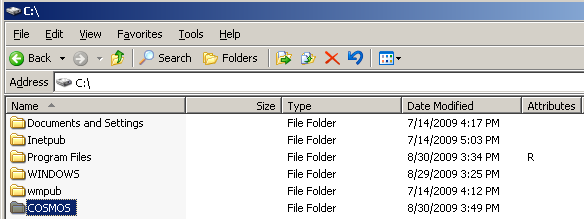


Figure type Ctrl+v to paste the COSMOS folder

# Add a virtual directory for our symphony application in IIS

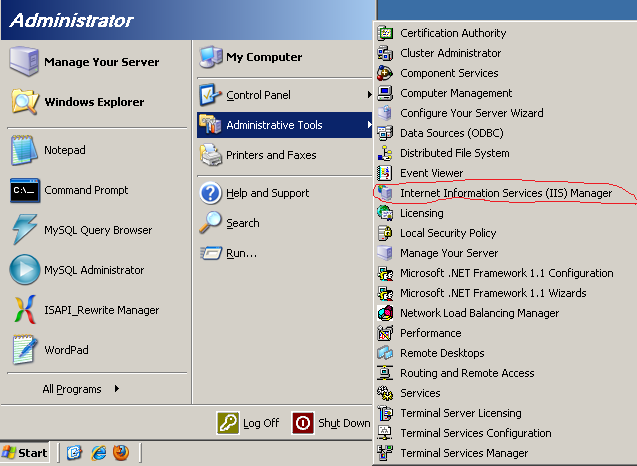


Figure find the "Internet Information Services(IIS) Manager in the start menu and click it

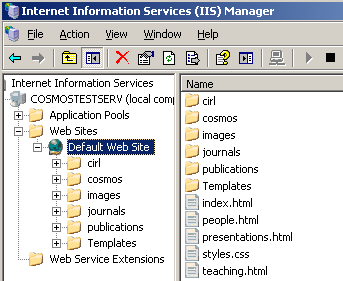


Figure Expand the "Web Sites" folder and select "Default Web Site"

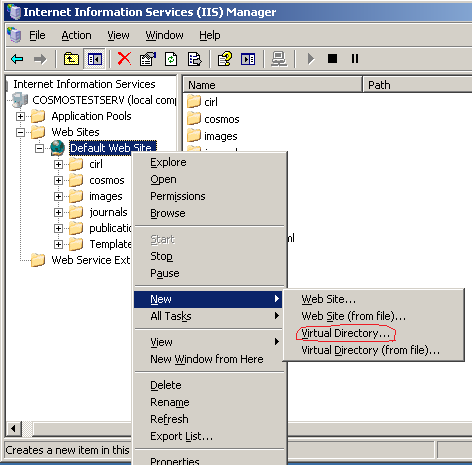


Figure right click the selection, and from the "New" sub menu, select "Virtual Directory" and click it



Figure click next

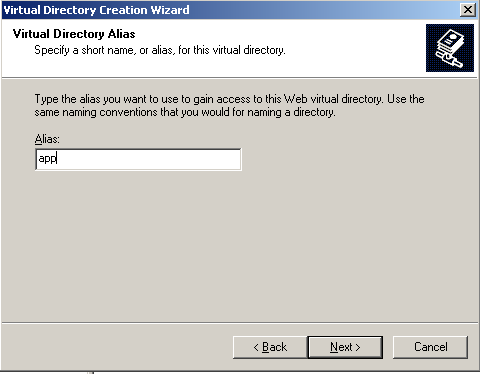


Figure type "app" into the textbox. click next

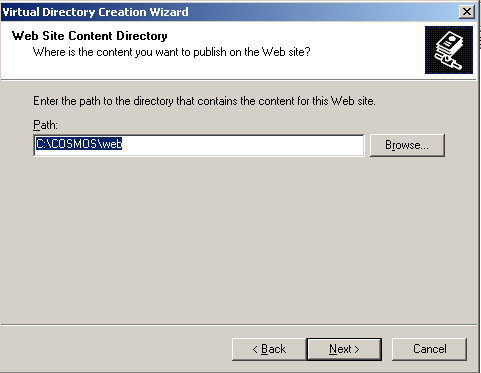


Figure type "C:\COSMOS\web" into the textbox and click next

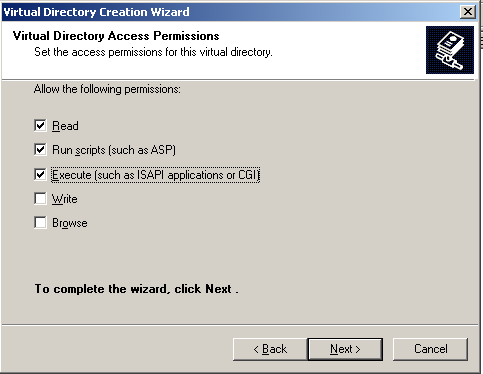


Figure select the Read, Run scripts, and Execute options. Click next

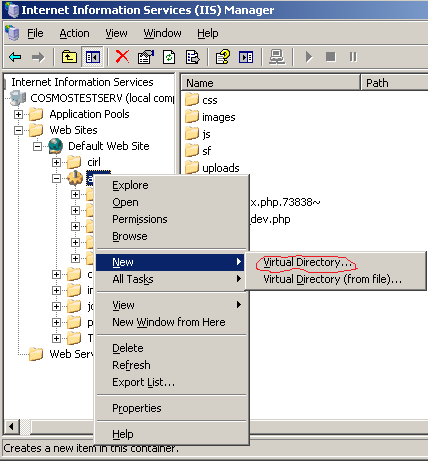


Figure right click the gear icon labeled "app". From the new sub menu, select "Virtual Directory"

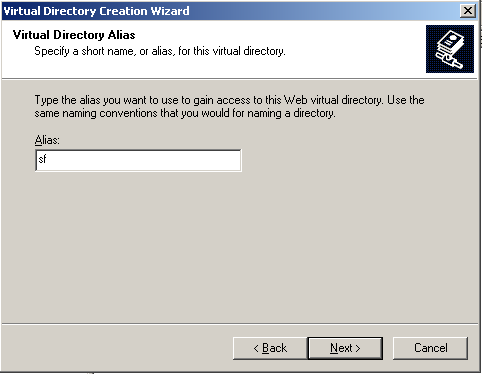


Figure this is the same process from before. Click through the first page. Enter sf as the alias. Click next

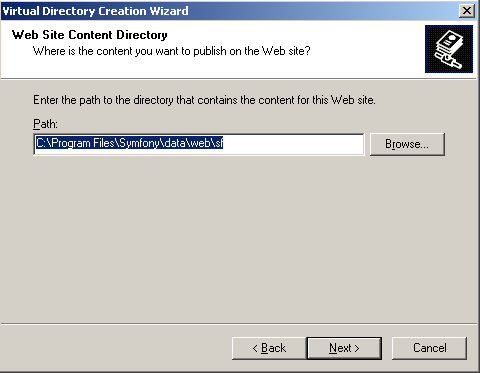


Figure type "C:\Program Files\Symfony\data\web\sf and click next

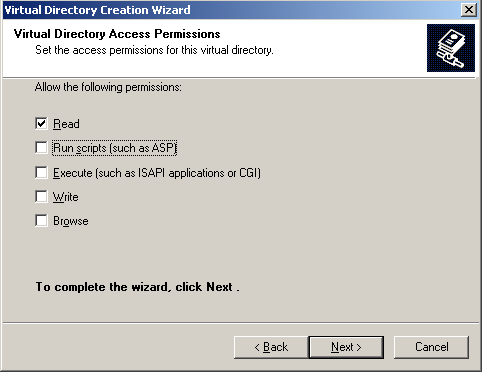


Figure since this is a data directory, make sure only "Read" is selected, and click next and then click finish.

# Add index.html to the list of default pages

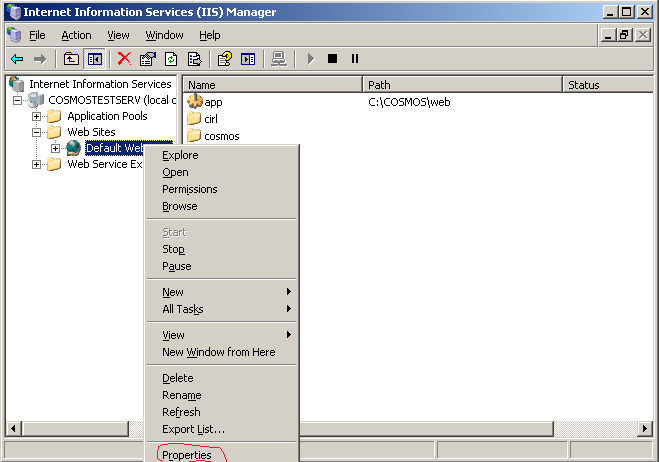


Figure Open the IIS Manager using the steps described earlier. Right click the "Default Website", and select properties

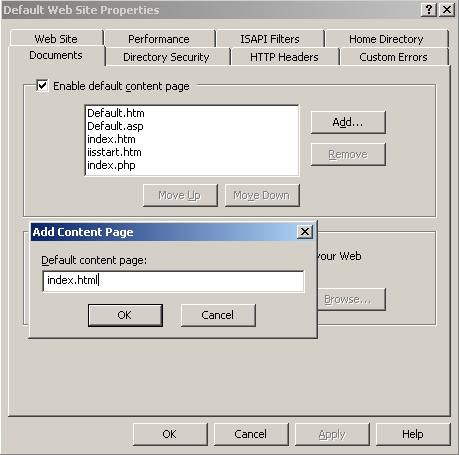


Figure change to the "Documents" tab. click the add button. Enter index.html. Click ok. Click ok again.

# The configuration file

The path to the configuration file is c:\ C:\COSMOS\apps\frontend\config\app.yml

The configuration file should look like the following:

# default values

all:

gmail:

username: cosmoslinkmailer@gmail.com

password: swu7a2t5kEwabRach7tafRaheXathU

email:

fromalias: "COSMOS"

subject: "COSMOS Download Link"

download:

#This next field is the download folder relative to the root symfony folder

folder: releases

filename: a.rar

The username and password belong to GMail account I created. The password can be changed as long as that password is entered in app.yml as well.

The “fromalias” is just the short name shown instead of the email address in the “From” field.

The subject is the subject sent in the email, it can be changed here.

The folder is the name of the folder underneath the symphony root(c:\cosmos\) where the download is expected to be. By default it is c:\COSMOS\releases

The filename is of course the name of the file to look for inside of the directory.