This Guide is intended to help users install and configure Open Meetings 2.X on a Windows based machine (XP /7/2003/2008)

The guide Includes Integration into MySQL DB and has some basic steps for installing and configuring Ant for compiling from source.

Stephen Cottham 13/06/2012

Installing Windows XP

Step 1: - Base System

Press enter to continue.

Press F8 to accept License Agreement

Press Enter to install to the unpartitioned space in the hard drive.

Press Enter to Format using NTFS file system and let it reboot after its completed

The install should now continue like below:

This may take a little while before you will be presented with the following:
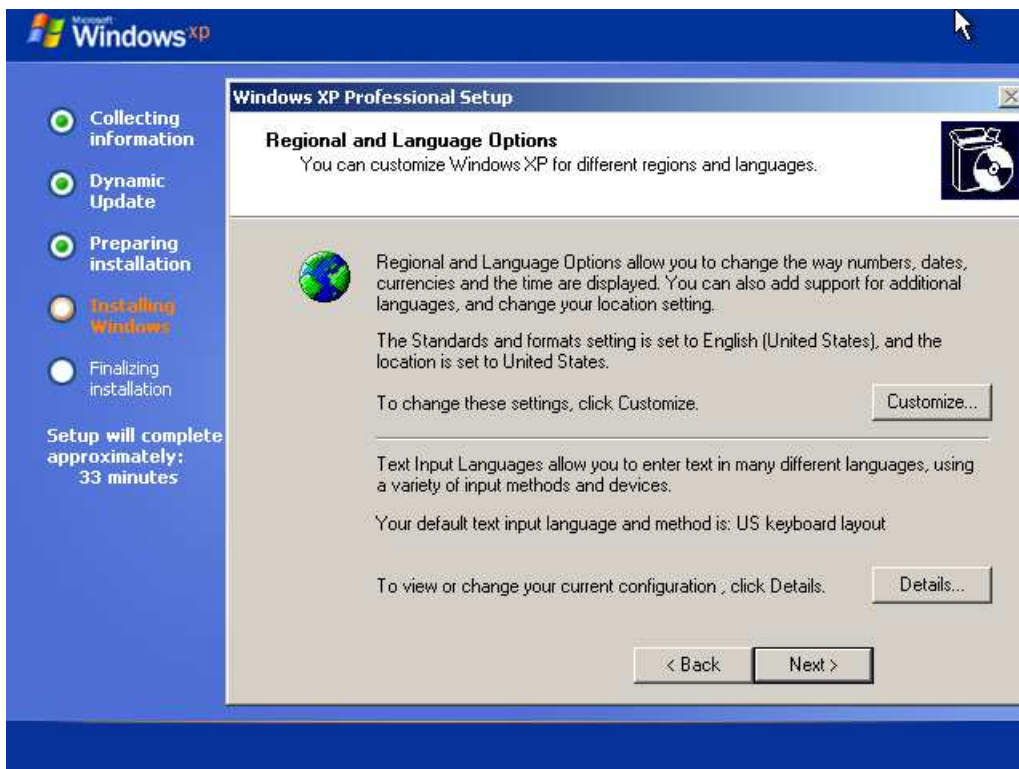
Set your region and language and then choose Next.
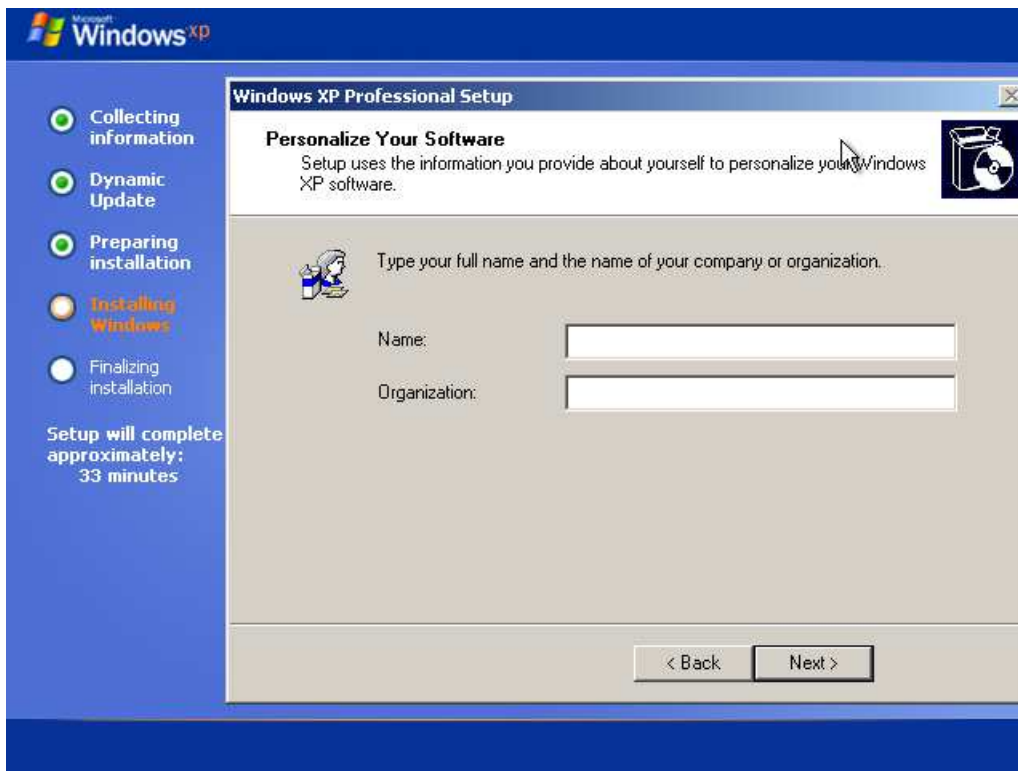
Enter your Name and Organisation and choose Next.

Enter the Computer name and set the admin password and choose Next.
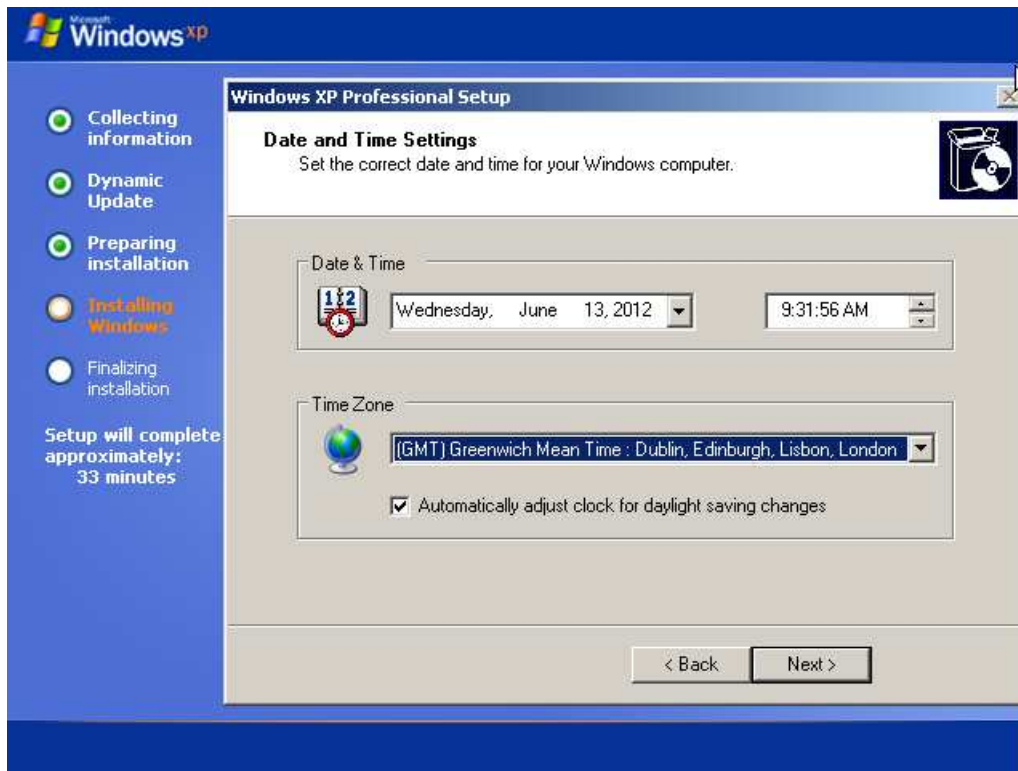
Enter the timezone and click Next.
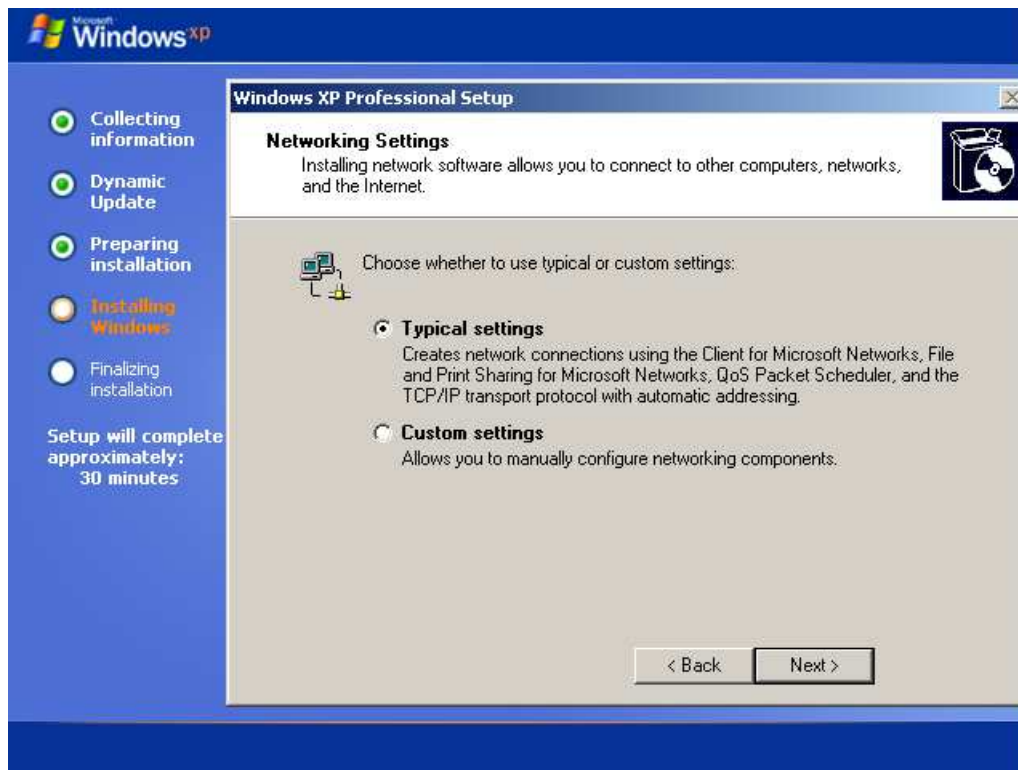
Choose Typical Settings and click Next.
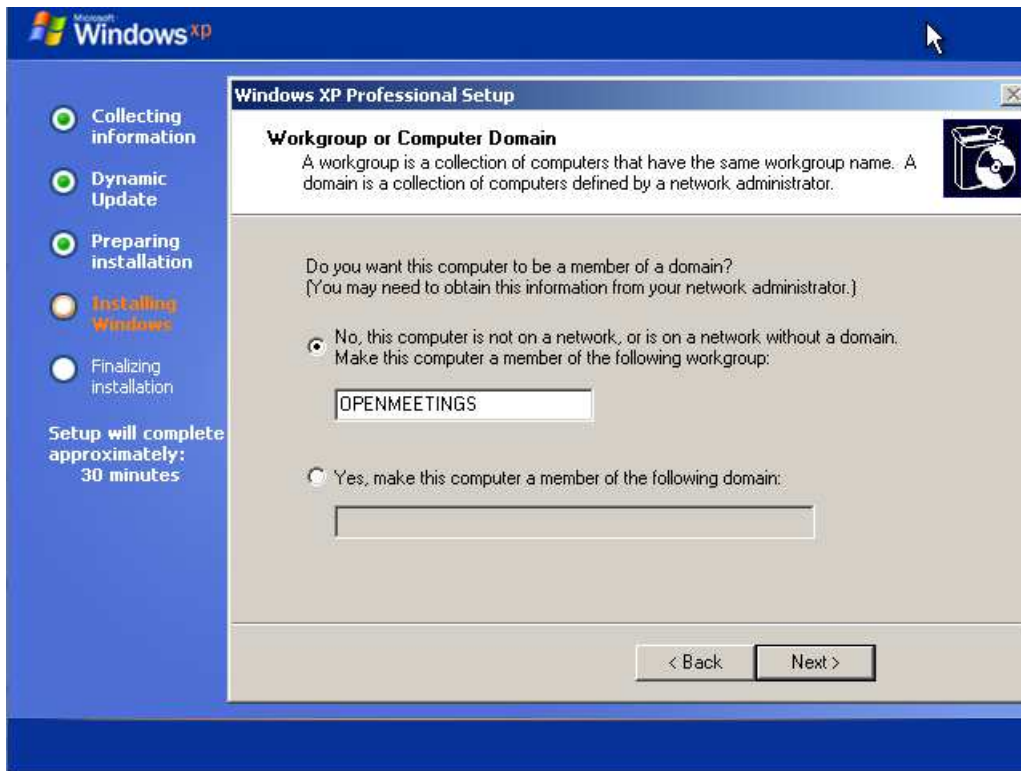
Set the Workgroup and click next, this will now continue the install and reboot.

Choose next.
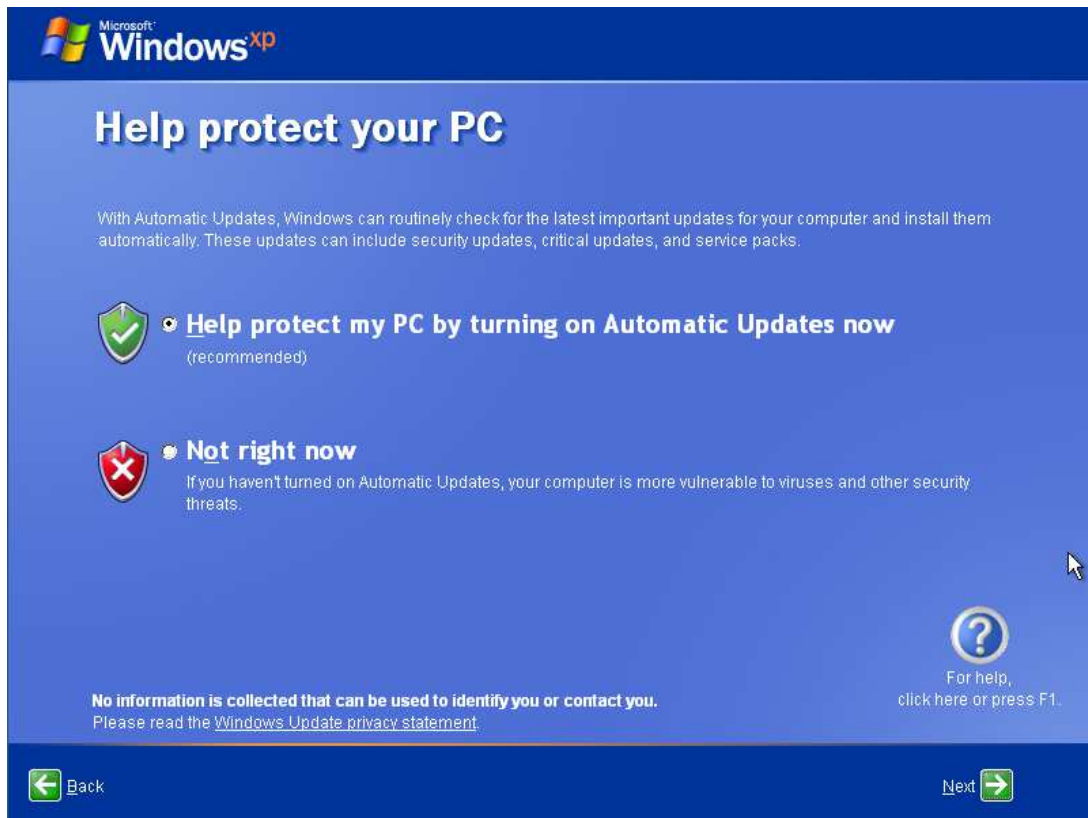
Select "Help Protect my PC…." Choose Next.
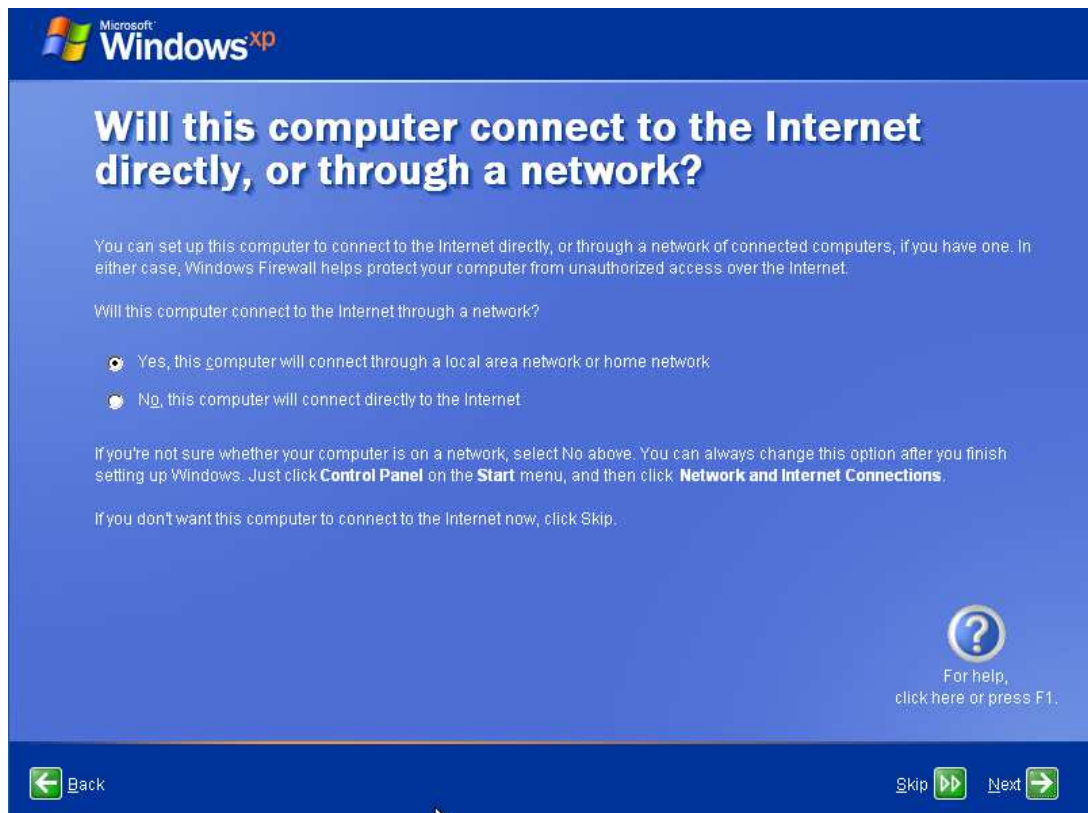
Choose "Yes, this computer will…." And click on Next.
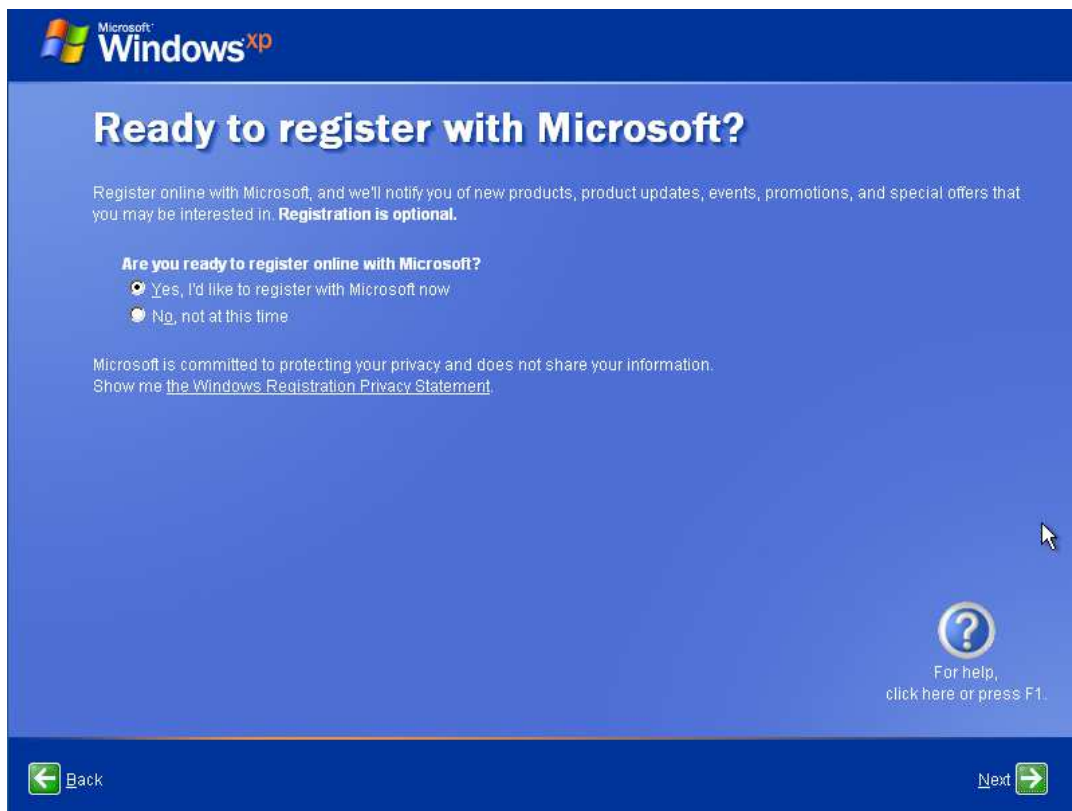
Click on next.
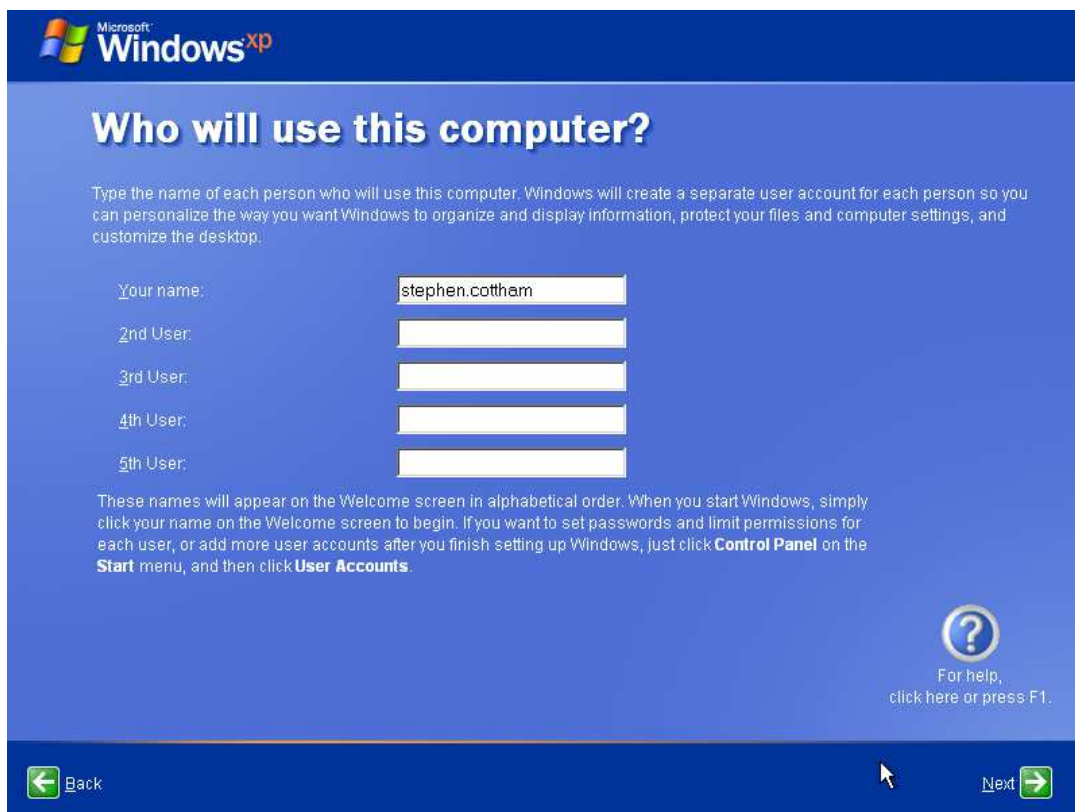
Enter the users name and click on Next.
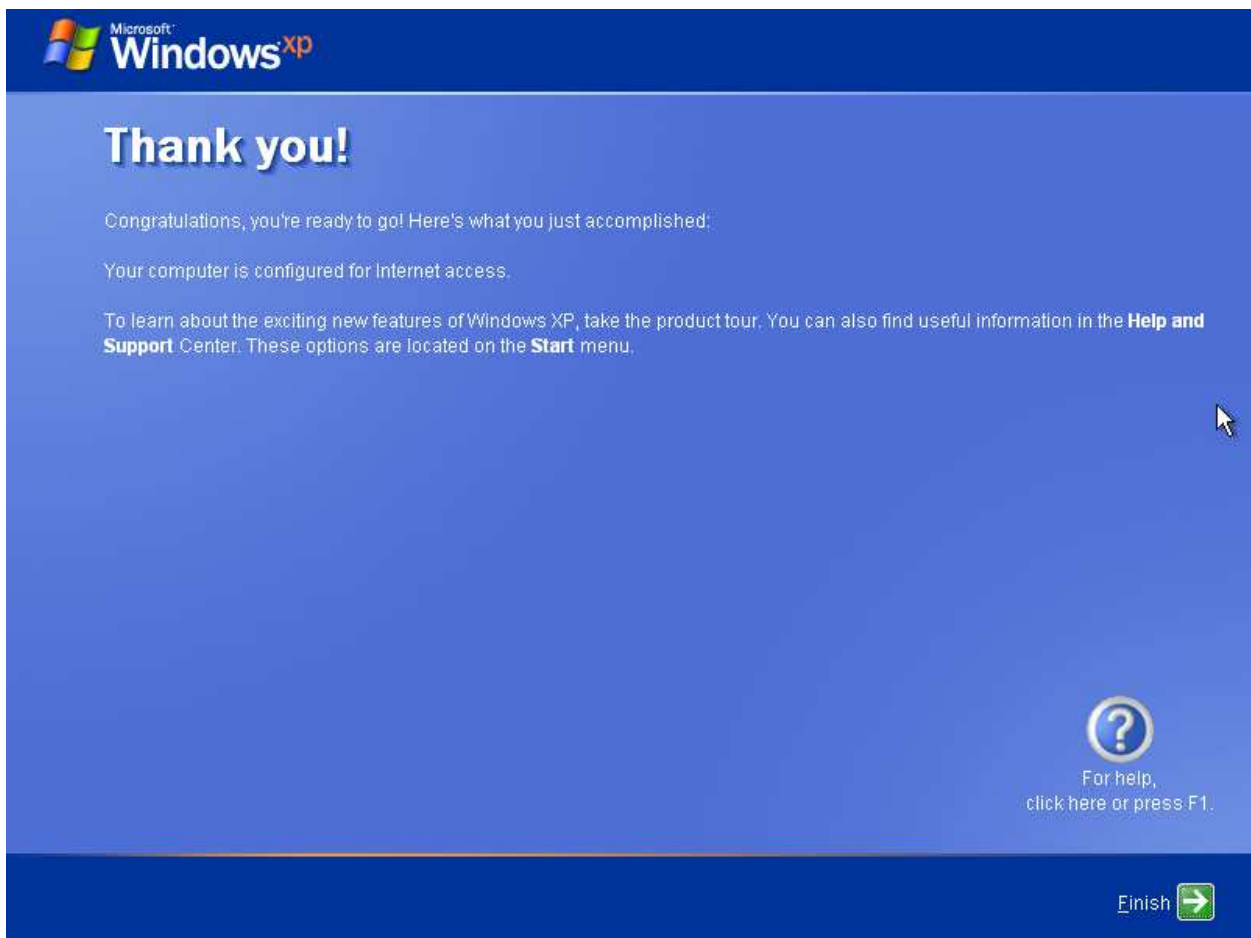
Finally click on Finish, we can now login to ur fresh system for the first time.

Step 2: - Update Windows XP to SP3

Goto Start > All Programs > Windows Update
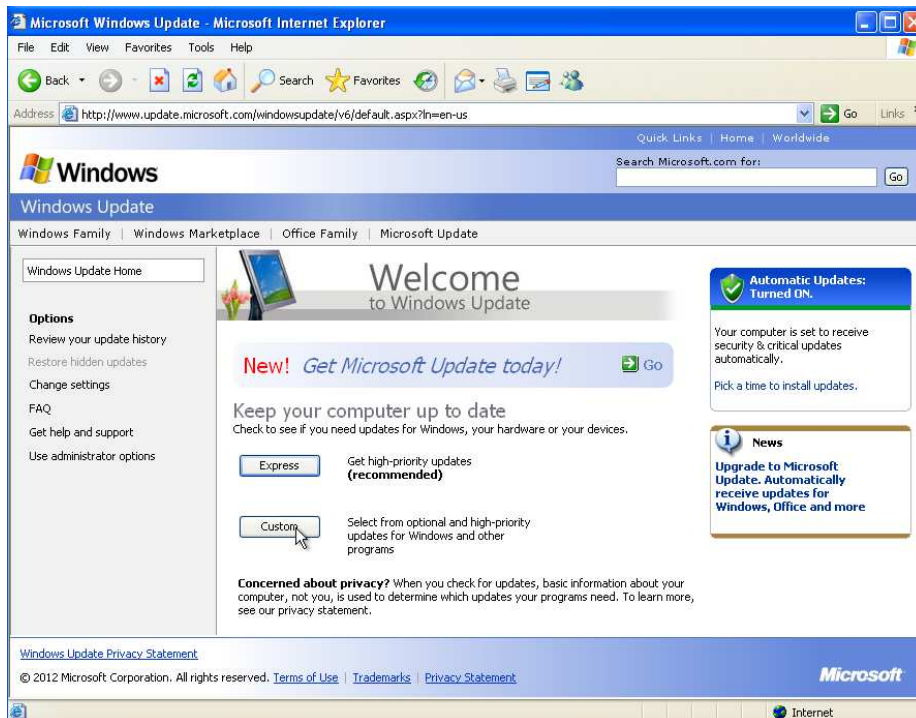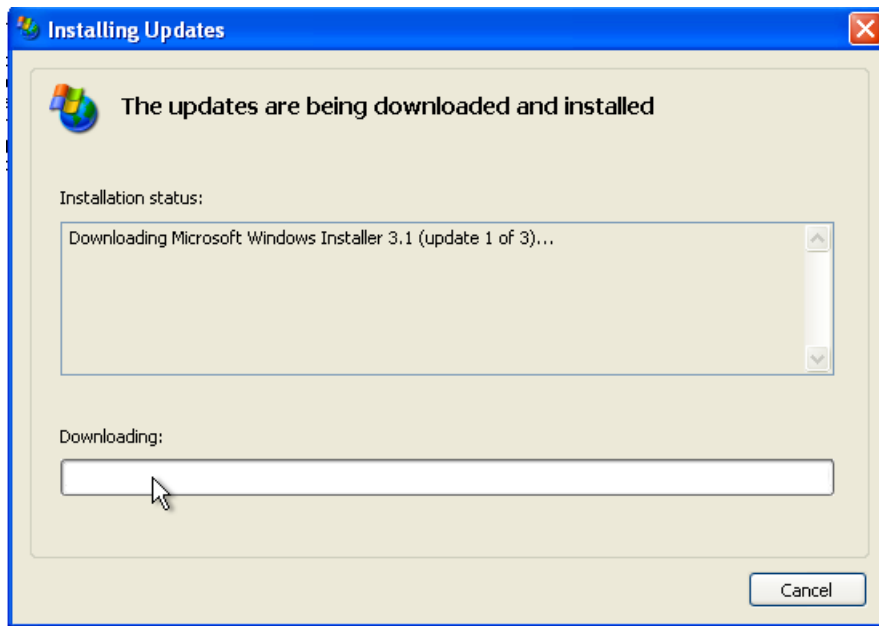
Choose Custom.

First it will ask you to update the Windows installer to 3.1, chose yes and then restart the machine when asked. Once it has rebooted follow the same procedure to start Windows Update and again choose custom.
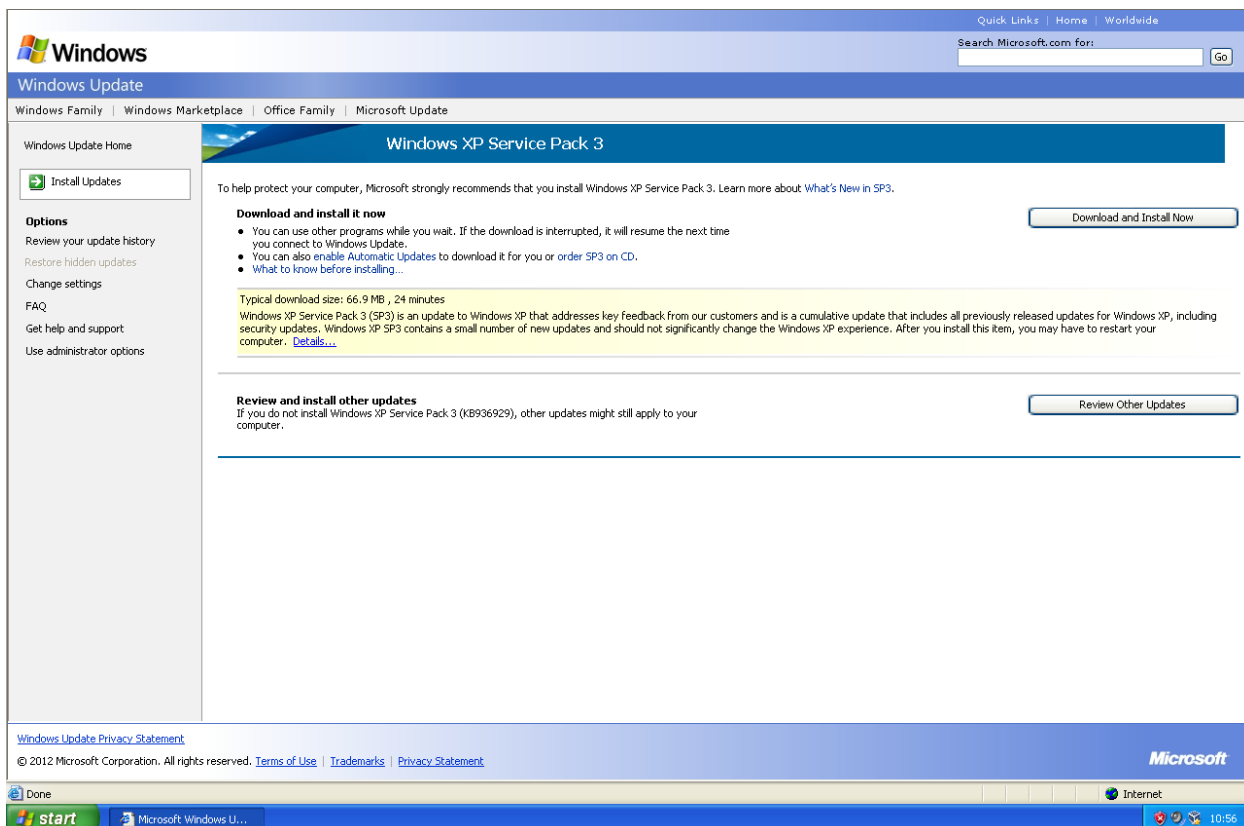
Choose to Download and Install Service Pack 3.
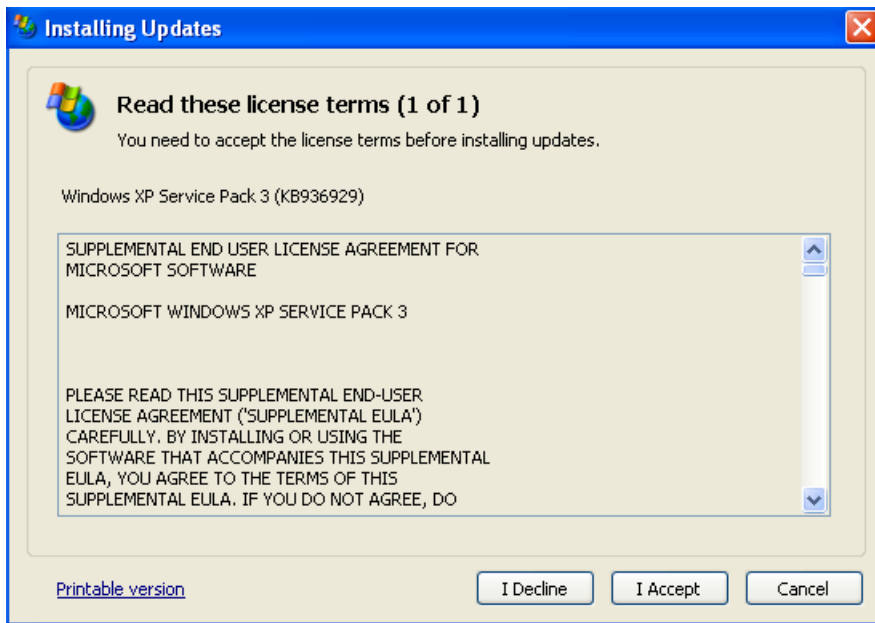
Accept the License terms and let this continue until reboot.
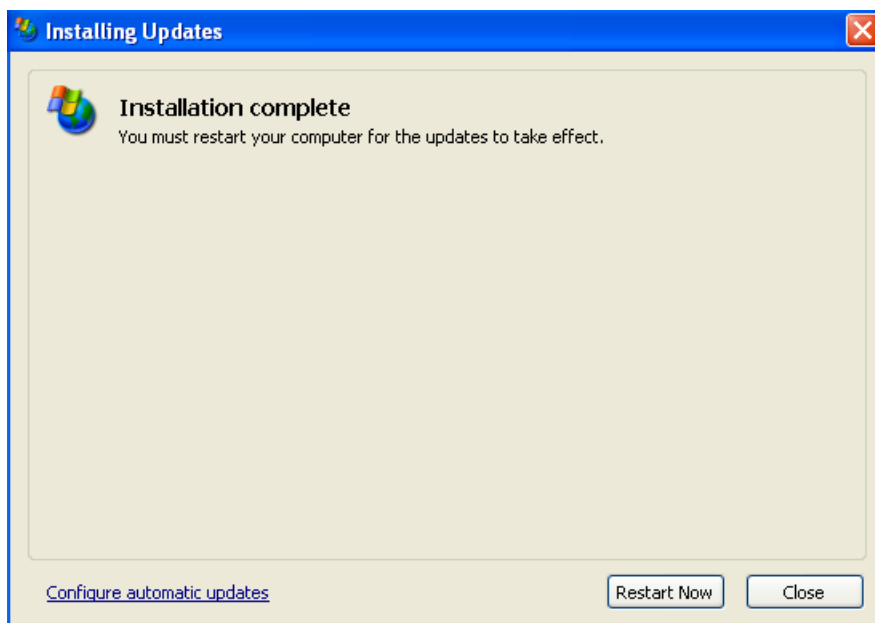
Reboot.

Step 4: Install all Security and MS Patches to latest version.

Goto Start > All Programs > Windows Update
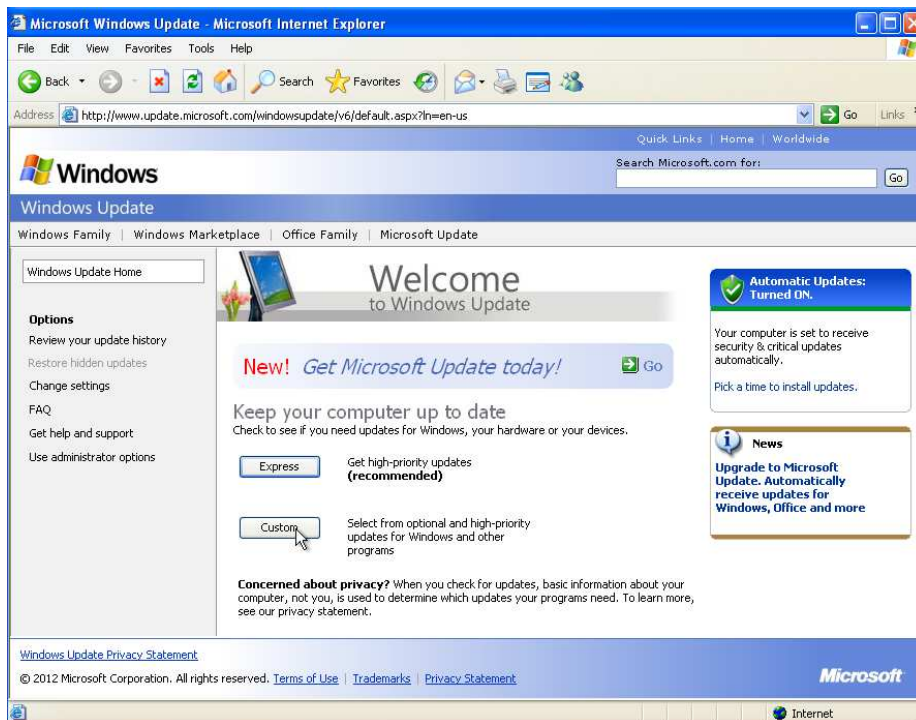
Choose Custom.
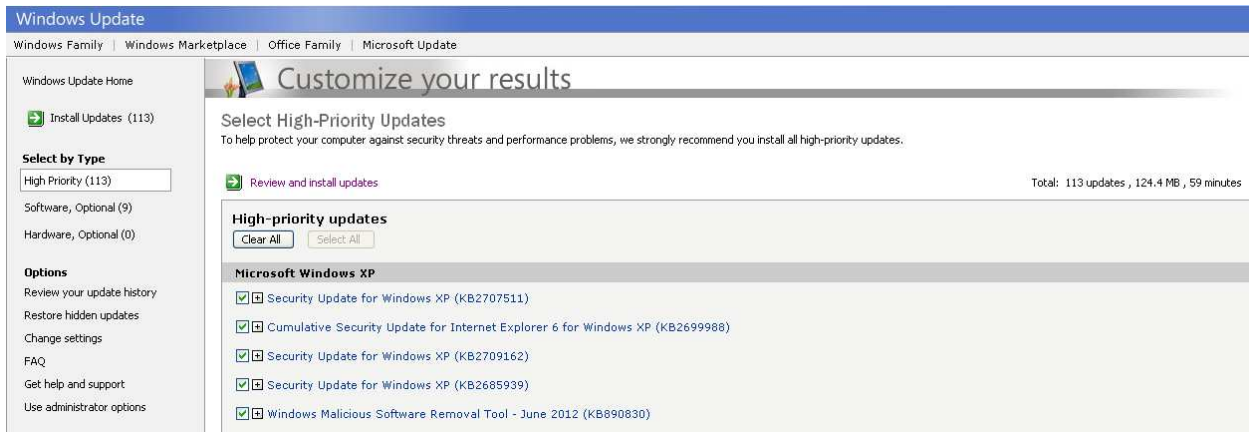
Click on Review and Install updates, then choose Install, once that's finished and reboot

Step 5: Install 7-Zip and WinRAR

http://downloads.sourceforge.net/sevenzip/7z920.exe

http://www.rarlab.com/rar/wrar42b3.exe

Download and install the above program using the default options.

Step 6: Install MySQL 5.5.25

http://dev.mysql.com/get/Downloads/MySQL-5.5/mysql-5.5.25-win32.msi/from/http://www.mirrorservice.org/sites/ftp.mysql.com/

Choose next.

Accept the agreement
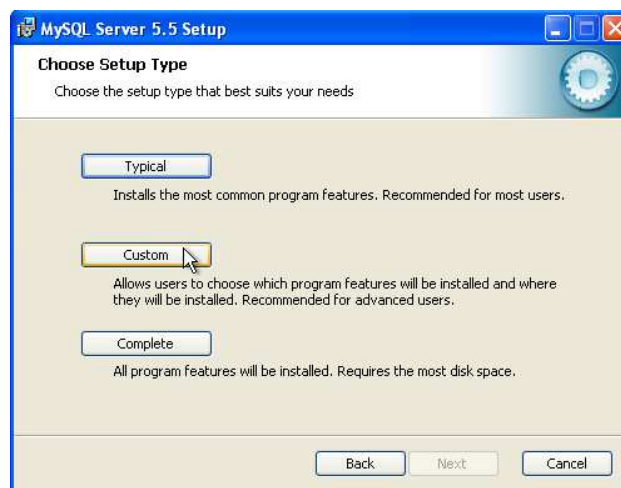
Choose Custom and then next.
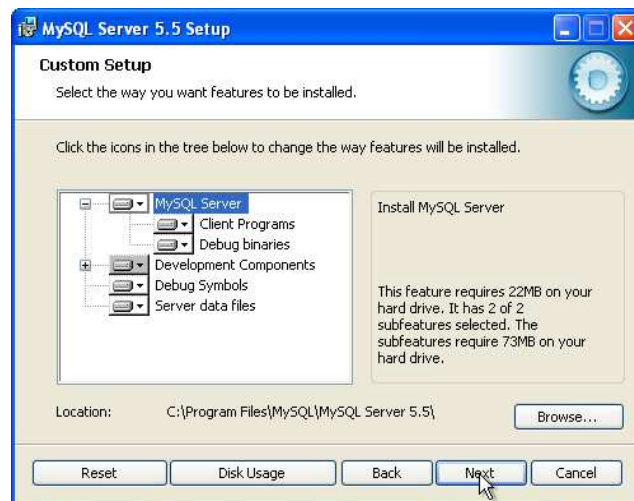
Choose Next and then Install

Now choose Finish to launch the Configuration Wizard.

Select Standard Configuration and choose next.

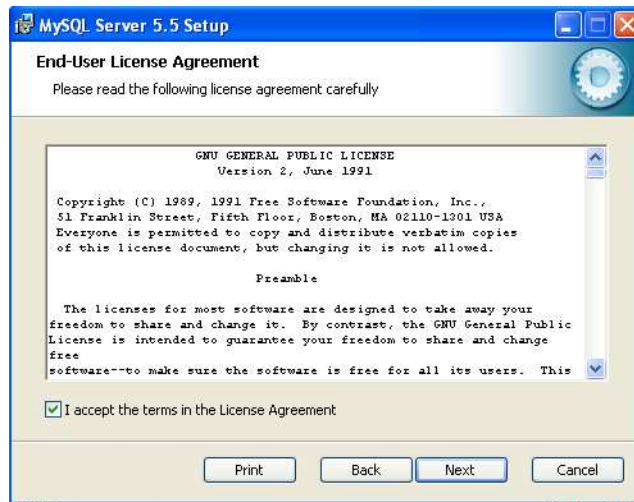Tick the "Include Bin Directory in Windows PATH" and choose next.

Set the root password and tck the enable root access from remote machines.

And now click Execute.

If all went to plan you should be see the above window, click on Finish

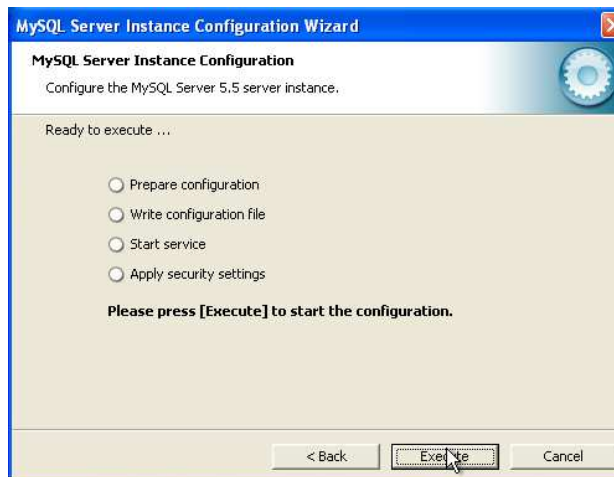Stephen Cottham   13/06/2012

Step 6: Install Java 1.6 JDK

http://www.oracle.com/technetwork/java/javase/downloads/jdk-6u25-download-346242.html

Choose jdk-6u25-windows-i586.exe and install with default options

Step 7: Install SWFTools

http://www.swftools.org/swftools-0.9.2.exe

Download and install the above program with default options.

Step 8: Install SOX

http://sourceforge.net/projects/sox/files/sox/14.4.0/sox-14.4.0-win32.exe/download

Download and install the above program with default options.

Step 9: Install ffmpeg

http://ffmpeg.zeranoe.com/builds/win32/static/ffmpeg-latest-win32-static.7z

Download and extract the above program using the 7-Zip program we installed earlier, this will leave you with a folder called "ffmpeg-latest-win32-static", rename this folder to be ffmpeg and move it to "C:\program files\"

Step 10: Install ImageMagic

http://www.imagemagick.org/download/binaries/ImageMagick-6.7.7-7-Q16-windows-dll.exe

Download and install the above program with default options.

Step 11: Install Apache Ant

http://mirror.lividpenguin.com/pub/apache//ant/binaries/apache-ant-1.8.4-bin.zip

Download the above program and using WinRar extract the contents to "c:\program files"

Step 12: Install CollabNet SubVersionEdge 3.0.1

http://www.open.collab.net

You have to register for a free account before you can download.

Once you have downloaded the file "CollabNetSubversionEdge-3.0.1_setup.exe" install to "c:\program files\csvn" keeping the rest of the options as default.

Step 13: Install OpenOffice

http://downloads.sourceforge.net/project/openofficeorg.mirror/stable/3.4.0/Apache_OpenOffice_incubating_3.4.0_Win_x86_install_en-US.exe?r=http%3A%2F%2Fwww.openoffice.org%2Fdownload%2Findex.html&ts=1339587985&use_mirror=ignum
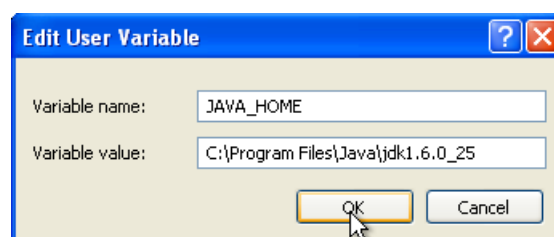
Install using default options.

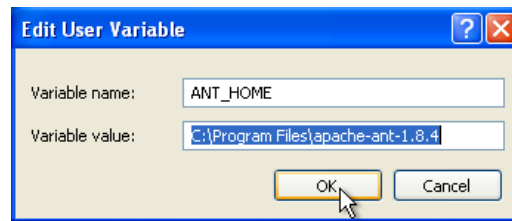**Step 14: Add JAVA_HOME and ANT_HOME Variables**

Start > Control Panel > System
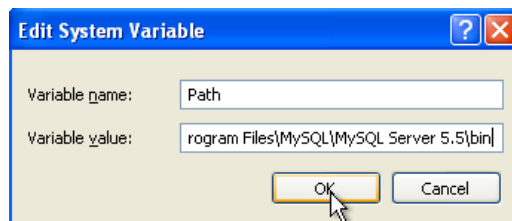
Choose Advanced TAB > Environment Variables
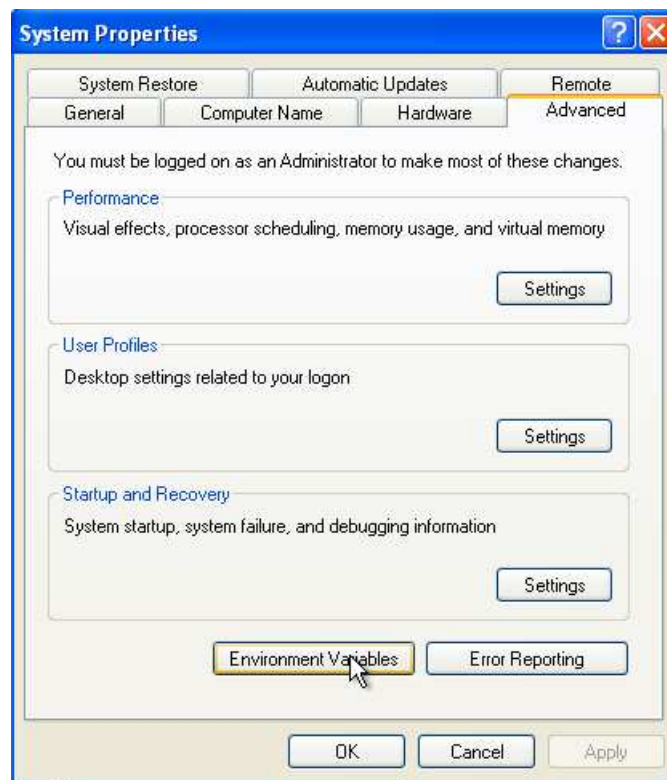
Now add a new User Variable called JAVA_HOME with a value of "C:\program files\Java\jdk1.6.0_25"

Now add a second user Variable called ANT_HOME with a value of "c:\program files\apache-ant-1.8.4\"

And lastly we want to add some more paths to the Windows Path variable, this time scroll thru the System variables and double click on the variable called "Path"

Copy the Variable value to a text editor and add these additional lines seperated by a semi colon ";".

Step 15: Test Installs

Issue the following from the command line: (each of which should display their version numbers)

ffmpeg -version
pdf2swf --version
convert -version
sox --version
svn --version
ant -versin
java -version
javac -version

Step 16: Create DB for OpenMeetings

Open Command prompt and issue these commands

mysql -u root –p

Enter your mysql admin password to log in.

Now issue these commands to create the DB.

CREATE DATABASE openmeetings DEFAULT CHARACTER SET 'utf8';

**GRANT ALL PRIVILEGES ON openmeetings.* TO 'openmeetings'@'localhost'
IDENTIFIED BY 'password' WITH GRANT OPTION;**

quit
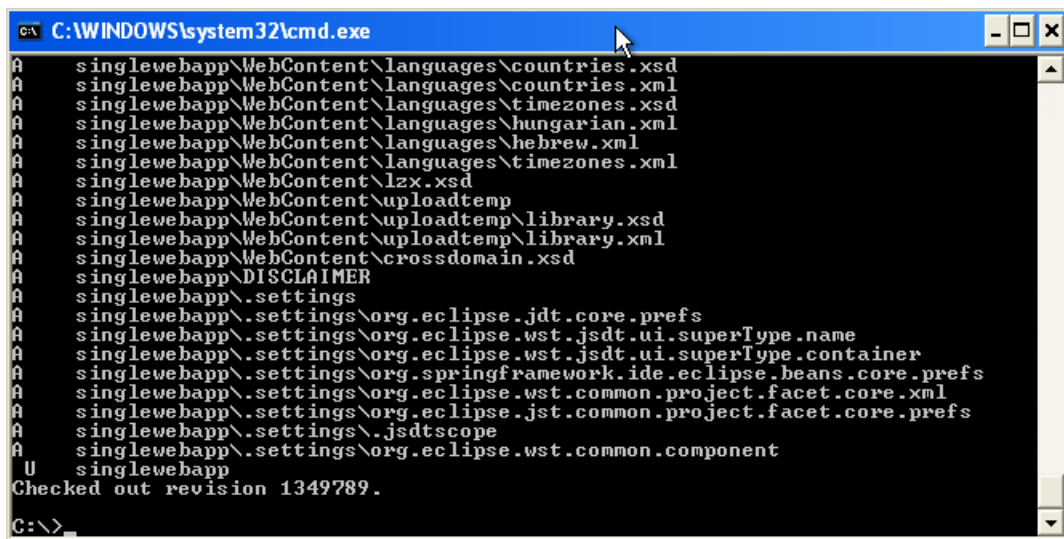
Step 17: Checkout OM2.x and compile

Open command prompt and issue these commands

**cd c:\
mkdir Builds
cd Build
svn checkout https://svn.apache.org/repos/asf/incubator/openmeetings/trunk/singlewebapp/**

(When asked to Accept certificate choose permanently)

The OM Source will now download to the current folder, once it's finished you should see the following:

Now we can compile by issuing the following:

**cd singlewebapp
ant -Ddb=mysql**

This will now start to compile.

After a while you should see the following:

Now we need to copy the compiled OM to the correct locations, so copy the red5 folder from "C:\Builds\singlewebapp\dist" and paste it at "c:\"

Step 18: Install JOD Converter

Download and extract JOD

http://jodconverter.googlecode.com/files/jodconverter-core-3.0-beta-4-dist.zip

Extract folder jodconverter-core-3.0-beta-4-dist to the following location "C:\red5\webapps\openmeetings"

Step 19: Edit Config Files for mysql usage

Locate the following folder:

C:\red5\webapps\openmeetings\WEB-INF\classes\META-INF

Rename **persistence.xml** to **persistence.xml.old**

Copy **mysql_persistence.xml** and rename as **persistence.xml**

Open persistence.xml in wordpad and change the Username and Password like the following:

, Username=openmeetings
, Password=password"/>

Save the file and we are now ready to start the service.
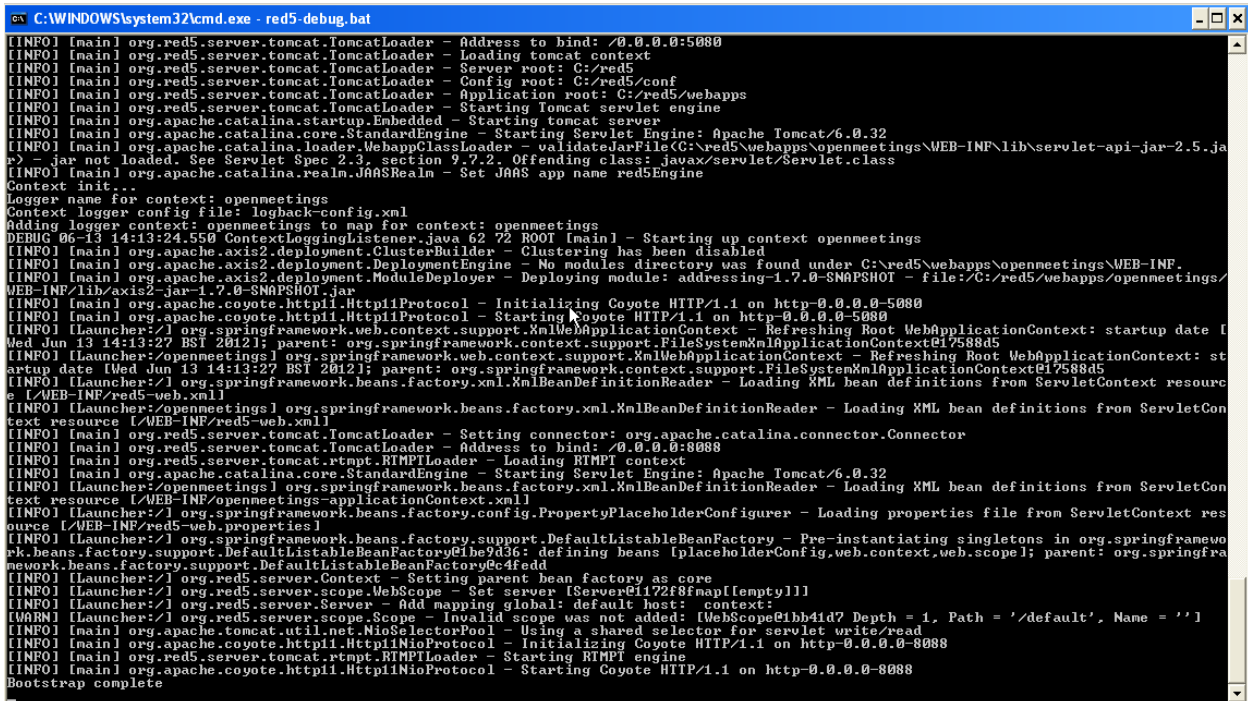
Step 20: Running OM 2.X for the first time

Locate this folder C:\red5, and run the script called "**red5-debug.bat**"

You will see something similar to the above debug window; we are running it with debug so we can check everything is running as normal, you can start the service with red5.bat after we have initially set this up.
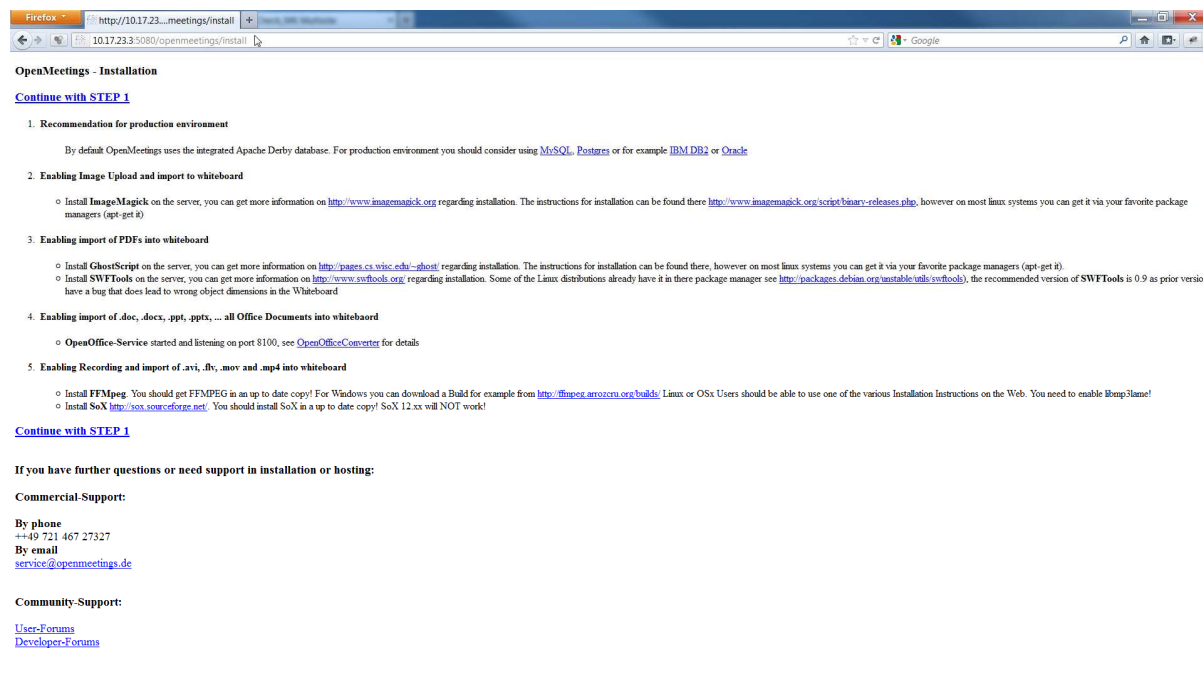
Now open the browser and go to the following link.

http://<yourIP>:5080/openmeetings/install

If all went well you should now see this page:

Choose the "Continue with STEP 1" link

The only section we need to fill out at this stage is the following:

Username: **omadmin**
Userpass: **ompassword**
Email: **something@something.com**
TimeZone: **United Kingdom**
Domain Name: **somedomain**

Now click on INSTALL at the bottom of the page, this will then create all the needed tables etc.. - it can take a little while but be patient.

OpenMeetings - Installation Complete!

Enter the Application

If your Red5-Server runs on a different Port or on a different domain
alter the config values of the client

Mailing list

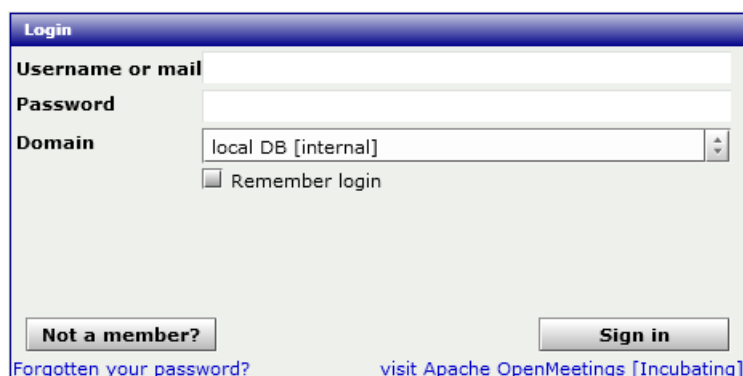http://incubator.apache.org/openmeetings/mail-lists.html

There are some companies that also offer commercial support for Apache OpenMeetings:

http://incubator.apache.org/openmeetings/commercial-support.html

Once that has completed you can now enter the application by clicking on the "**Enter the Application**" link

You should see the following logon screen:

Enter these details to sign in.

Username: **omadmin**
Userpass: **ompassword**

Step 11: Add relevant paths to the configuration

Once logged in go to **Administration > Configuration**
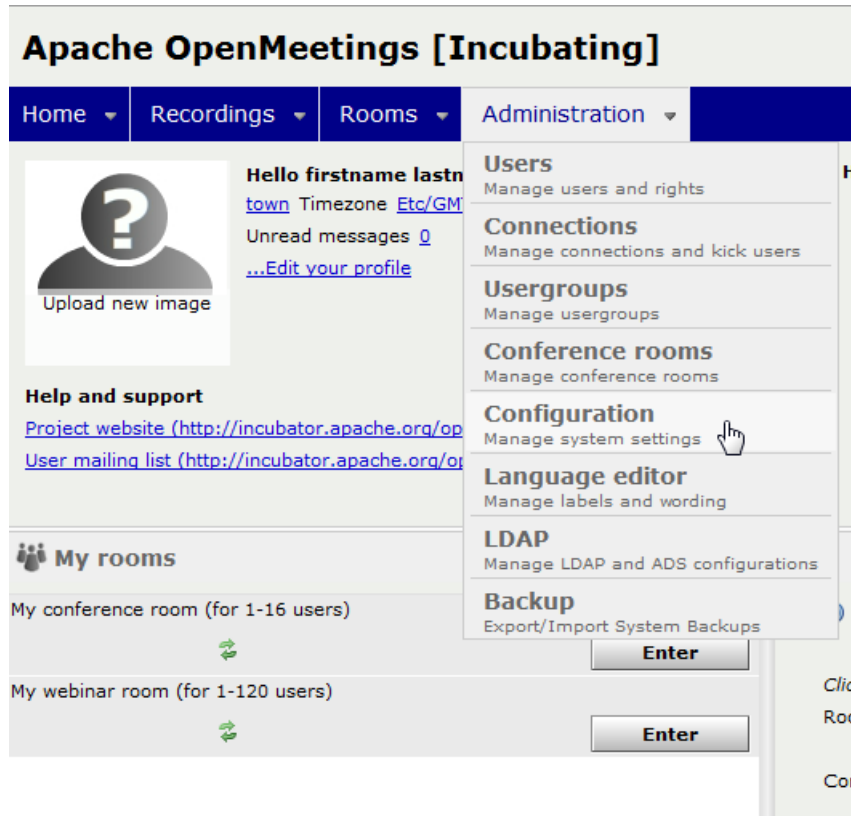
You will see on the left hand pane a list of keys and values, the ones we are interested in are
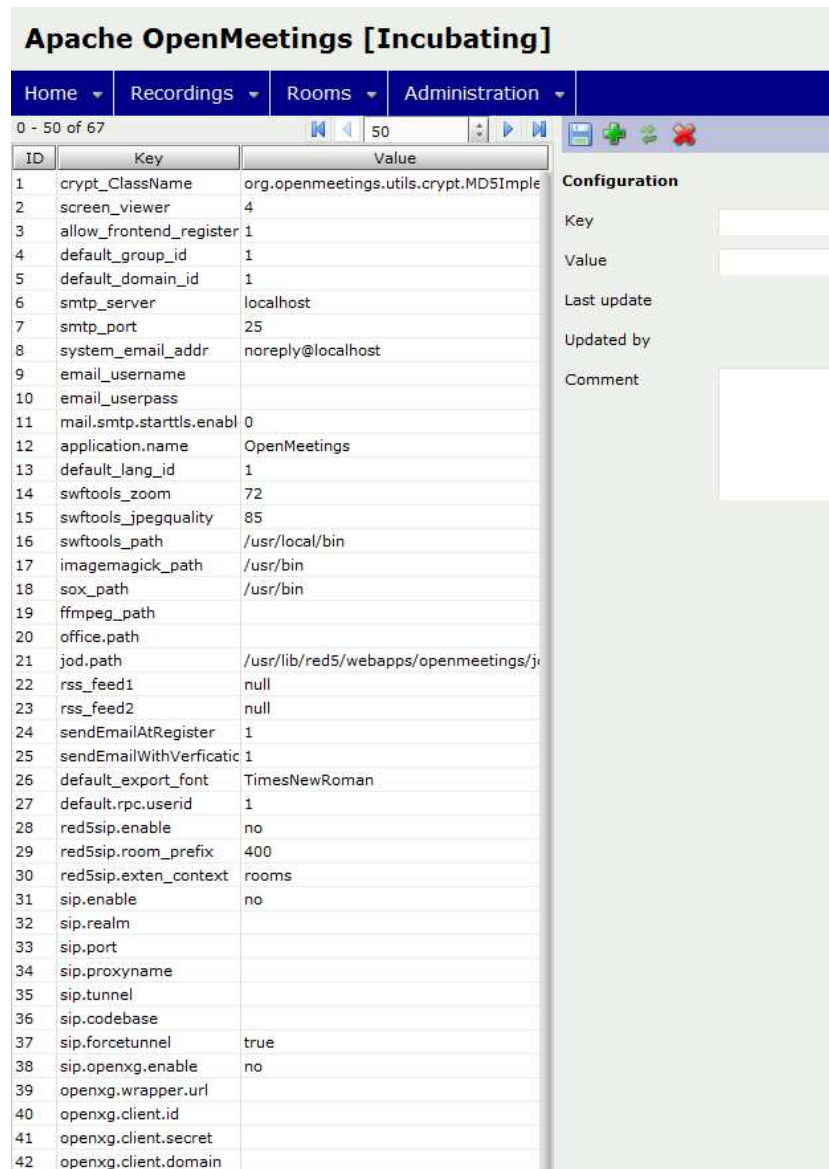
SWFTools Path	**C:\Program Files\SWFTools**
ImageMagick Path	**C:\Program Files\ImageMagick-6.7.7-Q8**
FFMPEG Path	**C:\Program Files\ffmpeg\FFMPEG\bin**
SoX Path	**C:\Program Files\sox-14-4-0**
JOD Path	**C:\red5\webapps\openmeetings\jodconverter-core-3.0-beta-4\lib**

Click on the left hand pane option and then enter the value as above, click on the save button to apply the changes; once you have done each key you should see the following:

JOD will find open office in this case so we do not need to set the path.

System is now ready to be tailored to your needs.