

DSpace on Windows XP Installation Guide

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Pre-requisite Softwares:

1. Java jdk-1_5_0_06 http://java.sun.com/javase/downloads/index.jsp

2. postgresql-8.1.3-1. If you install PostgreSQL, it's recommended to select to install the pgAdmin III tool http://www.postgresql.org/download/windows

3. Apache Ant 1.6.2 or later. Unzip the package in C:\ and add C:\apache-ant-1.6.2\bin to the PATH environment variable. For Ant to work properly, you should ensure that JAVA_HOME is set. <u>http://ant.apache.org/bindownload.cgi</u>

4. apache-tomcat-6.0.20. http://tomcat.apache.org/download-60.cgi

5. apache-maven-2.2.1 http://maven.apache.org/download.html



Installing Java 1. Double Click on the Setup File.







Click (I accept the terms in the license agreement)







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HP Photosmart Essential	cureit.exe	ISO1_DVD.nri	Dspce on Windows	Install to: C:\Program Files\Java\jdk1.5.0_06\ C:\Program Files\Java\jdk1.5.0_06\
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C:\Program Files\Java\jdk1.5.0_06\ (Check Path)



Installing Java











C:\Program Files\Java\jdk1.5.0_06\ (Check Path)





Browser Registration



Installing





Installation Completed



Installing Apache Ant & Apache Maven

- 1. Copy folder and paste in C:\ or Desktop (Apache Ant)
- 2. Copy folder and paste in C:\ or Desktop (Apache Maven)



Setting up PATH for Java, Apache Ant, Apache Maven (System Variables)

1. Right click My Computer, click Properties, click Advanced, click Environment Variables, select "PATH" from System Variables, click edit PATH for Java C:\Program Files\Java\jdk1.5.0_06\bin PATH for Ant C:\apache-ant-1.6.2 \bin PATH for Maven C:\apache-maven-2.2.1\bin

2. Add the above PATH variables in the edit box as last item (With Semi-Colons after each PATH); C:\Program Files\Java\jdk1.5.0_06\bin; C:\apache-ant-1.6.2 \bin; C:\apache-maven-2.2.1\bin

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Setting up ANT_HOME & JAVA_HOME for Apache Ant and Java (User Variables)

1. Right click My Computer, click Properties, click Advanced, click Environment Variables, click "New" from User Variables for user and add the following and click OK

Variable name: ANT_HOME Variable value: C:\apache-ant-1.6.2

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2. Right click My Computer, click Properties, click Advanced, click Environment Variables, click "New" from User Variables for user and add the following and click OK

Variable name: JAVA_HOME Variable value: C:\Program Files\Java\jdk1.5.0_06

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System Properties	
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Checking the PATH and HOME variables



1. Go to command prompt (Click Start, click Run, type cmd)

Click Ok



2. In the command line type mvn -version (see the version displayed)

3. type ant -version (see the version displayed)

4. type java -version (see the version displayed)





Installing PostgreSQL and Creating dspace user

Install PostgreSQL



Click Next









Click Next





Click Next





C:\Program Files\PostgreSQL\8.1 (Check Path)



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Here Type Account Password (eg. library) Verify Password (eg. library)



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HP Photosmart Essential	cureit.exe	ISO1_DVD.nri	Dspce on Windows	upgrade.bat	Encoding SQL_ASCII Superuser name postgres Password Password Superuser name postgres This the internal database username, and not the service account. For security reasons, the password should NOT be the same as the
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Password (eg. library) Password (again) (eg. library)



Enable Procedural languages





Enable Contrib Modules





Ready to Install





Installing







Finish



Start pgAdminIII





Connect to the database by right clicking PostgreSQL 8.3 (localhost : 5432) and clicking Connect.

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Type Here Password of PostgreSQL Installation (eg. library)

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Add Login Role for "dspace" and Create database "dspace"





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Create Login role (dspace) Provide password as "dspace"

Remember to click of Role Privileges



Creating database





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Create database by giving Name as dspace "dspace"

Owner "dspace"

Encoding must be selected as UTF 8



Installing Apache Tomcat

Double click on Setup File to install tomcat

















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Type Here Password (eg. admin)





Paste here C:\Program Files\Java\jre1.5.0_06

Click Install





Installing (Apache Tomcat Setup)





Finish

When Tomcat is running, you can see the icon of tomcat on systems tray area of windows. You can stop the service, start the service by right clicking this icon.





Compiling DSpace

Dspace extract file





Extract a Desktop or other



Click ok



Extracting from dspace







1. Copy to C:\ [this is our source directory] dspace-1.5.2-src-release

Here Path is C:\dspace-1.5.2-src-release



2. Create a directory with name "dspace" in C:\ [this is our installation directory] e.g.: dspace.dir = C:/dSpace



Here Create New Folder in C Drive & rename this folder dspace









Generate the DSpace installation package by running the following from commandline (cmd) from your [dspacesource]/dspace/ directory: and execute the command "mvn package"



Go Start , Run (Type cmd) press ok Open the cmd window after type C:\ (Press Enter) C:\cd dspace-1.5.2-src-release (Press Enter) C:\cd dspace-1.5.2-src-release >cd dspace (Press enter) C:\cd dspace-1.5.2-src-release >cd dspace>mvn package (Press enter)



After this window come







Completed the mvn packages come build Successful Message in your screen.



Install DSpace to [dspace] (e.g. C:\DSpace) by running the following from commandline from your [dspace-source]/dspace/target/dspace-[version]-build.dir/ ant fresh_install



Command for Installing DSpace

Here open the cmd after type

C:\Documents and Settings\user>cd \ (Press enter)

C:\>cd dspace-1.5.2-src-release (Press enter)

C:\>cd dspace-1.5.2-src-release>cd dspace (Press enter)

C:\>cd dspace-1.5.2-src-release\dspace>cd target (Press enter)

C:\>cd dspace-1.5.2-src-release\dspace\target>cd dspace-1.5.2-build.dir (Press enter)

C:\>cd dspace-1.5.2-src-release\dspace\target\dspace-1.5.2-build.dir>ant freshinstall (Press enter)





Completed the ant fresh install come build Successful Message in your screen.



Create an administrator account, by running the following from your [dspace] [dspace]\bin\dsrun org.dspace.administer.CreateAdministrator



Copy the Web application directories from [dspace]\webapps\ to Tomcat's



webapps dir, which should be somewhere like C:\Program Files\Apache Software Foundation\Tomcat 6.0\webapps







Restart the Tomcat and see DSpace is running at http://localhost:8080/jspui/ and http://localhost:8080/xmlui/











Here Login (Your email address & Password) given you earlier step.)



INSTRUCTION FOR PUTTING DSPACE ON Local Area Network (LAN) OF CAMPUS/INSTITUTE

To change the URL from local host to particular IP (internet Protocol) address. Open

C:\dspace\config\dspace.cfg in text editor / word pad







Change the dspace.url by writing your IP

After save the textfile



🐸 DSpace at My Unive	rsity: Home - Mozilla Firefox	
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Type the URL as http://machine IP :8080/jspui

Congratulation !!!

