#### DSpace JSPUI

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# **Install Dspace on Windows 10**

DSPACE

#### Pre-requisite Software:

i) Java JDK

ii) Apache Maven

iii) Apache Ant

iv) Apache Tomcat

v) PostgreSQL

vi) Dspace

Step-1: Download Java jdk-8u111-windows-x64.exe from below link. (Note: If you are new to Oracle, you need to create user account otherwise you can log in to download the software). (https://www.oracle.com/java/technologies/javase/javase8-archive-downloads.html)

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	Windows x86	189.22 MB	jdk-8u111-windows-i586.exe	
	Windows x64	194.64 MB	idk-8u111-windows-x64.exe	
:	Java SE Runtime Environment 8u111 This software is licensed under the Oracle Binary Code License A	greement for Java SE Platform Products		
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Step-11: Now install **Java jdk-8u111-windows-x64.exe** by right click on the file and then click on run as administrator and then click yes if prompted.



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Java"	
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Source Code	the JavaFX SDK, a private JRE,
	tools suite. This will require
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Java SE Development Kit 8 Update 111 (64-bit) Successfully Installed	
Click Next Steps to access tutorials, API documentation, developer guides, release notes and more to help you get started with the JDK.	
Next Steps	
	-
Close	
Step-12: Then next step to install <b>postgresql-9.4.26-1-windows-x64</b> by right click on the file and then click	on
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InstallBuilder				

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Port			
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Step-13: Then next step to install **apache-tomcat-9.0.0.M13.exe** by right click on the file and then click on run as administrator and then click yes if prompted.

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Or, select the optional components you wish to install:	Tomo     Tomo     Start     Occu     Mana     Host     Exam	at Menu Items mentation ger Manager uples	Description Position your over a compo see its descri	mouse onent to ption,					
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Please select the path of a Java SE 7.0 or later JRE installed on your system.
C:\Program Files\Java\jre1.8.0_111
Nullsoft Install System v3.0
< Back Next > Cancel
Apache Tomcat Setup – 🗆 🗙
Choose Install Location Choose the folder in which to install Apache Tomcat.
Setup will install Apache Tomcat in the following folder. To install in a different folder, click Browse and select another folder. Click Install to start the installation.
Destination Folder
C:\Program Files\Apache Software Foundation\Tomcat 9.0 Browse
Space required: 11.3MB
Space available: 586.3GB
Nullsoft Install System v3.0 

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Show details		
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at.ap	Click Finish to close Setup.	
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Step-14: Now we have to set the "Environment Variables". First right click on my computer and then select

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Add the paths in last line: C:\apache-ant-1.9.7\bin;C:\apache-maven-3.3.9\bin;C:\Program Files\Java\jdk1.8.0\_111\bin; and then click on ok.

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Add again the same paths in last line: C:\apache-ant-1.9.7\bin;C:\apache-maven-3.3.9\bin;C:\Program Files\Java\jdk1.8.0\_111\bin; and then click on ok.

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### Click on "**New**" button in User variables.

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Type "JAVA\_HOME" in Variable name and give the path C:\Program Files\Java\jdk1.8.0\_111 in Variable value and click on ok.

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### Again click on "**New**" button in User variables.

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Then go to your windows search box and type "pgadmin".



Check your postgresql version by going through the path: **C:\Program Files\PostgreSQL** in my case the version is 9.4, so right click on the option and select "Connect" or you can double click on the option.

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Give the password that was already set at the time of installation and click on ok button.

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## Type "dspace" in Role name in properties option.

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Select all the options in Role privileges and click on ok.

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Type "dspace" in Name box and choose dspace in Owner drop down option.

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Then go to Database-dspace-Extensions. Right click on Extensions and select "New Extension".

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In Definition option choose "**public**" in schema drop down option and select the version and then click on ok.

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Go to your windows search box and type "cmd" for Command Prompt and select it.



Type command "java -version" for checking the status of java version and then following by "ant -version"

#### Command Prompt



Type cd C:\dspace-6.3-src-release\dspace to change the directory.



Now we have to install maven Resycle line Resycle line Newfolder (e) Newfolder (c) Newfolder (c) Newfolder (c) Newfolder (c) Newfolder (c) (c) (c) (c) (c) (c) (c) (c)	0.18362.900] . All rights reserved. ce-6.3-src-release\dspace ce>mvn package	To do that type r	×	enter key.
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It will take long time depending	gupon your internet	t speed.		
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[INFO] DSpace SWORD v2 :: Local Customizations
[INFO] DSpace SOLR :: Local Customizations
[INFO] DSpace OAI-PMH :: Local Customizations
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Now the build process is succe	essful.
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RecycleBin Tins PC - Shortcui New folder (c) New fo	tatacr Command Prompt      X         The following patterns were never triggered in this artifact exclusion filter:         lassfish.Mc2.external.bean-validator:jar:*'         pying files to C:\dspace-6.3-src-releas\dspace\target\dspace-installer         actor Summary:         pace Addon Modules         pace Krnel :: Additions and local Customizations         SUCCESS [01:19 min]         pace KST :: local Customizations         SUCCESS [02:26 min]         pace SWRD V2 :: local Customizations         SUCCESS [01:19 min]         pace SMRD V2 :: local Customizations         SUCCESS [02:26 min]         pace SMRD V2 :: local Customizations         SUCCESS [01:29 min]         pace Assembly and Configuration         SUCCESS [01:29 min]         pace Assembly and Configuration         success [02:26 min]         pace Assembly and Configuration         success [02:17 min]         cd: ds: ds: ds: ds: ds: ds: ds: ds: ds: d
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Then we need to install ant package for dspace. To do that first change the directory from **cd C:\dspace-6.3src-release\dspace** to **cd C:\dspace-6.3-src-release\dspace\target\dspace-installer** and press enter key.

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Now change the directory from **cd C:\dspace-6.3-src-release\dspace\target\dspace-installer** to **cd c:\dspace\bin** to create administrator in Dspace and then press enter key.

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Type **dspace create-administrator** and press enter key. Give the details: E-mail address / First name / Last name / Password / and after finished type y and press enter key.

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Then copy jspui, xmlui and solr folders from C:\dspace\webapps to C:\Program Files\Apache Software Foundation\Tomcat 9.0\webapps

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#### Click on start button.

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	Sector Se	
	General Log On Logging Java Startup Shutdown	
	Service Name: Tomcat9	
	Display name: Apache Tomcat 9.0 Tomcat9	
	Description: Apache Tomcat 9.0.0.M13 Server - http://tomcat.apax	
	Path to executable:	
	"C:\Program Files\Apache Software Foundation\Tomcat 9.0\bin\Tomcat9.	
	Startup type: Manual V	
	Service Status: Stopped	
	Start Stop Pause Restart	
	OK Cancel Apply	
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Now type the **http://localhost:8080/jspui** on the address bar of your web browser for jspui interface and login with your credentials.



Now type the **http://localhost:8080/xmlui** on the address bar of your web browser for xmlui interface and login with your credentials.

+ → ℃ ₪	D D localhost:8080/xmlui/		0
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	Select a community to browse its collections.	Go	
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# **Thank You**



# Mr. Subrat Ku. Nanda

**Senior Library Information Assistant (SLIA)** 

# **Central Library**

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- ii) https://youtu.be/I-ImBHp6pDE
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