

# Setup:Installation Guide/System Preparation/Windows /OpenJDK

A quality version of this page, approved on 25 June 2020, was based off this revision.

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Java is a prerequisite for the operation of Advanced Search, PDF export, VisualDiff (BlueSpice pro only) and the LaTeX renderer (BlueSpice pro only). The steps listed here are optional and only required if you plan to use one or more of these services in your BlueSpice installation.

## Introduction

For licensing reasons, we decided to use the alternative OpenJDK published under the GPL instead of the Java Runtime Environment. Of course, you are free to use the JRE of https://java. com/, but here we only document OpenJDK.

## Download

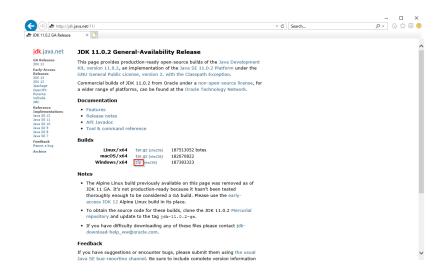
Open the official download page (1) in your browser and select the version marked "Ready for use" (2).



Select the ZIP archive in the 64bit version for Microsoft Windows

#### Setup:Installation Guide/System Preparation /Windows/OpenJDK





Follow the further download instructions and download the ZIP archive to your hard disk.



Please note that the download on your Windows Server with Internet Explorer will only work if you have configured the Internet Explorer Advanced Security Settings in the Server Manager. Please refer to the technical documentation from Microsoft.



In this guide, version 11.0.2 of OpenJDK is used and serves only as an example for the latest version, which you can download at the time of your installation.

## Unpacking the ZIP archive

Unzip the ZIP archive that you just downloaded into a suitable system path on your hard drive.

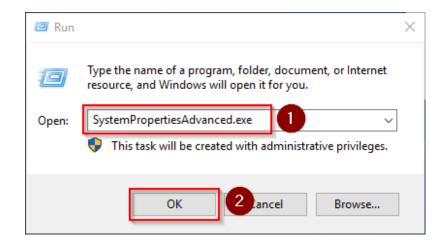
{{Template:Hint|text=This documentation is based on the [[Setup: Installation Guide/Advanced /Windows\_Folder\_Sructure | folder structure recommended by us ]. For this reason, OpenJDK is unpacked into the folder C:\bluespice\bin\jdk-11.0.2. If you have different folder requirements, you must adapt these paths accordingly.}}

## Setting the environment variable

Press the key combination Windows+R.

In the following dialog, enter "SystemPropertiesAdvanced.exe" (1) and confirm with OK (2):





#### Click "environment variables":

System Propertie	25					×	
Computer Name	Hardware	Advanced	Remote				
You must be lo Performance Visual effects							
				S	ettings		
User Profiles							
Desktop settir	ngs related t	o your sign-in					
				S	ettings		
	Startup and Recovery System startup, system failure, and debugging information						
				S	ettings		
				Environmen	t Variables		
		ОК	(	Cancel	Apply		

Click "New ... ":



Variable	Value				
Path	C:\Users\Administrator\AppData\Local\Microsoft\WindowsApps;				
TEMP	C:\Users\Administrator\AppData\Local\Temp				
TMP C:\Users\Administrator\AppData\Local\Temp					
	New Edit Delete				
rstem variables					
Variable	Value				
	Value C:\Windows\system32\cmd.exe				
Variable ComSpec	Value				
Variable ComSpec DriverData	Value C:\Windows\system32\cmd.exe C:\Windows\System32\Drivers\DriverData				
Variable ComSpec DriverData NUMBER_OF_PROCESSORS	Value C:\Windows\system32\cmd.exe C:\Windows\System32\Drivers\DriverData 1				
Variable ComSpec DriverData NUMBER_OF_PROCESSORS OS	Value C:\Windows\system32\cmd.exe C:\Windows\System32\Drivers\DriverData 1 Windows_NT				
Variable ComSpec DriverData NUMBER_OF_PROCESSORS OS Path	Value C:\Windows\system32\cmd.exe C:\Windows\System32\Drivers\DriverData 1 Windows_NT C:\Windows\system32;C:\Windows;C:\Windows\System32\Wbem; .COM;.EXE;.BAT;.CMD;.VBS;.VBE;JS;JSE;.WSF;.WSF;.MSC				

Set the name of the variable "JAVA\_HOME" (1). As the value of the variable, specify the directory of your OpenJDK installation that you have just copied to C:\ bluespice\bin (2). Here you can use the "browse directory" button (3). Then click "OK" (4):

New System Variable	-	$\times$
Variable <u>n</u> ame: Variable value:	JAVA_HOME C:\bluespice\bin\jdk-11.0.2	
Browse Directory		

Close all newly opened windows one after the other by clicking on "OK".

### Next step

If you have completed all steps successfully, you can delete the previously downloaded "openjdk-11.0.2\_windows-x64\_bin.zip" file from your hard disk and go to the next step "Apache Tomcat".