

Installing Open Java Development Kit – ojdkbuild for Windows



United Nations : Educational, Scientific and Cultural Organization Regional Centre for Library Information Systems and Current Research Information Systems Regionalni center za knjižnične informacijske sisteme in informacijske sisteme o raziskovalni dejavnosti



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1 Introduction

At the end of 2018 Oracle announced a new business policy for Java SE which entered into force in April 2019. That is why when you install Java a notification and warning window appears. All versions of Java from 8 u201 onwards not intended for personal use are payable.

Important Oracle Java License Update

The Oracle Java License has changed for releases starting April 16, 2019.

The new <u>Oracle Technology Network License Agreement for Oracle Java SE</u> is substantially different from prior Oracle Java licenses. The new license permits certain uses, such as personal use and development use, at no cost -- but other uses authorized under prior Oracle Java licenses may no longer be available. Please review the terms carefully before downloading and using this product. An FAQ is available <u>here</u>.

Commercial license and support is available with a low cost Java SE Subscription.

Oracle also provides the latest OpenJDK release under the open source <u>GPL License</u> at <u>jdk.java.net</u>.

For this reason, we suggest you do not update Java 8 to a newer version for work purposes. If you want a newer version of Java 8, install OpenJDK 8 and IcedTea. Also, do not install Java 8 on new computers (clients), but install OpenJDK 8 with IcedTea support.

2 **OpenJDK distribution**

OpenJDK 1.8. build for Windows and Linux is available at the link <u>https://github.com/ojdkbuild/ojdkbuild</u>. There you will find versions for the installation. The newest version is always at the top, example from 7 May 2019:

- Windows x86_64 (64bit)
 - 1.8.0_191-1 (LTS, supported until June 2023, announcement)
 - O java-1.8.0-openjdk-1.8.0.191-1.b12.ojdkbuild.windows.x86_64.zip (sha256)
 - O java-1.8.0-openjdk-1.8.0.191-1.b12.ojdkbuild.windows.x86_64.msi (sha256)
- Windows x86 (32bit, <u>issue</u>)
 - 1.8.0_191-1 (<u>announcement</u>)
 - O java-1.8.0-openjdk-1.8.0.191-1.b12.ojdkbuild.windows.x86.zip (sha256)
 - O java-1.8.0-openjdk-1.8.0.191-1.b12.ojdkbuild.windows.x86.msi (sha256)

VOS

3 Removing Oracle Java

First remove the *Oracle Java 1.8* software in **Control Panel**, **Programs and Features**. Restart the computer so the system variables can be removed and updated and then install the other software – *Open Java Developmen Kit* (ojdkbuild)



If you are using software which is launched with *Java 8*, a message informing you that the software is no longer installed will appear after you remove *Java*, e.g.:

• MangeeRFIDServiceServer_X86



• COBISS Connect or COBISS3 .jnlp short cut



4 Installing OJDK – 32bit or 64bit, IcedTea Java

Once you selected a version that corresponds to the version of your operating system, this window will appear:



Start the installation by confirming (Run). Confirm individual installation steps with Next.



🔁 OpenJDK 1.8.0_191-1-ojdkbuild Setup
End-User License Agreement Please read the following license agreement carefully
The GNU General Public License (GPL) Version 2, June 1991 Copyright (C) 1989, 1991 Free Software Foundation, Inc. 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA
Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed. Preamble The licenses for most software are designed to take away your freedom to share
I accept the terms in the License Agreement Print Back Next Cancel



VERY IMPORTANT:

Before you continue with the installation, select all possible installation choices: OpenJDK Runtime, OpenJFX Runtime, Web Start and Update Notifier.

🔀 OpenJDK 1.8.0_212	2-1-ojdkbuild Setup	_	□ ×				
Custom Setup Select the way you	u want features to be installed.						
Click the icons in t	ne tree below to change the wa	ay features will be installed.					
	DenJDK Runtime ▲ Image: Windows Registry Image: Windows Registry Image: PATH Variable Image: Windows Registry Image: Variable Image: Variable Image: Variable Image: Variable Image: Variable Image: Variable Image: Variable Image: Variable	OpenJDK 8 runtime files.					
	JAR Files Association penJFX Runtime eb Start	This feature requires OKB of hard drive. It has 0 of 5 subfeatures selected. The subfeatures require OKB of hard drive.	n your				
Re <u>s</u> et	Disk <u>U</u> sage	<u>B</u> ack <u>N</u> ext	Cancel				
🖷 OpenIDK 1.8.0 212	All Ones IDK 1.9.0.212.1 sidlewild Setur						
Custom Setup Select the way you want features to be installed.							
Click the icons in t	ne tree below to change the wa	ay features will be installed.					
OJDKBUILD_JAVA_H JAR Files Association OpenJFX Runtime Web Start ODENJFX RUNTIME ODENJFX RUNTIME							
	JNLP Files Association PATH Variable Keep Settings and Ca odate Notifier ✓	This feature requires OKB (hard drive.	on your				

Reset

Disk <u>U</u>sage

<u>N</u>ext

Cancel

<u>B</u>ack

VOS

Continue and finish the installation.

🖞 OpenJDK 1.8.0_191-1-ojdkbuild Setup	2
Ready to install OpenJDK 1.8.0_191-1-ojdkbuild	
Click Install to begin the installation. Click Back to review or change any of your installation settings. Click Cancel to exit the wizard.	
Rade Testall Cancel	
🔁 OpenJDK 1.8.0_191-1-ojdkbuild Setup	
Completed the OpenJDK	



5 Installing the COBISS3 interface

On the COBISS web page select the option *Interface installation* and then enter the library acronym in the *Find*: field, e.g. IZUM.

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										0 0	MS Windows Linux/Mac

By right-clicking the COBISS icon, you can save the link to your desktop. The saved link or the **c3_izum.jnlp** file on the desktop enables you to start the interface and login to the COBISS3 system at any time.

Mozilla Firefox: Save link as...

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				Save picture as Share picture Select all Copy Paste	 Namestite uporabniški vmesnik COBISS3 (kliknite gumb (1988), zraven svoje institucije ali knjižnice). Zaženite uporabniški vmesnik COBISS3 (kliknite bližnjico na namizju).

Google Chrome s Save link as...

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1. Institut informacijskih znanosti, Maribor Prikazano [1 - 1] od 1 Filtrirano po vseh zadetkih (908)	Maribor IZUM Open link in new tab Open link in new window Open link in new window Save link as Copy link address Open image in new tab Save image as Copy image Copy image Copy image address Search Google for image			
	Inspect Ctrl+Sh	hift+l		

The **c3_izum.jnlp** file is copied to the desktop. You can open it by double clicking it and launch the COBISS3 interface. The first time you do this, to *IcedTea* software announcement with some data (title, vendor, homepage) is displayed.

c3_izum.jnlp	Solution State Sta
Type: JNLP File Size: 2,46 KB Date modified: 30.11.2018 15:31	IcedTea
	Odjemalec za COBISS3 aplikacijo.

In the next step you will see the *IcedTea* window shown below, where you can find the app data. Select *Remember this option* and *For applet* and continue with the **Proceed** button.



Login window for your link (e.g. IZUM) will open, where you enter your username and password.

COBISS3
IZUM
Geslo Sprememba gesla COBISS

6 Launching the COBISS3 interface



In all subsequent launches of the COBISS3 interface the **IcedTea system ojdkbuild** announcement will first appear after double-clicking the *IcedTea c3_izum.jnlp* icon.

This is followed by the **announcement of the**

COBISS3 system, and then the COBISS3 system login window.



7 COBISS3 interface as a trusted source in IcedTea ojdkbuild

If you see a security window (*Security Approval Required*), which requires you to confirm the COBISS3 interface as a trusted source, select *Always trust content from this publisher* and continue with **Run**.

