

Instalacija Open Java Development Kit – ojdkbuild za 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 Uvod

Krajem 2018. godine, Oracle je najavio novu poslovnu politiku za Javu SE koja je stupila na snagu aprila 2019. godine, zato se prilikom instalacije Jave pojavljuje slika sa obaveštenjem i upozorenjima. Sve verzije Jave od 8 u201 naviše su plative, osim za ličnu upotrebu.

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>.

Zato predlažemo da za upotrebu u poslovne svrhe Javu 8 ne ažurirate na višu verziju. Ako želite višu verziju Jave 8, instalirajte OpenJDK 8 ili IcedTea. Na nove računare (klijente) ne smete instalirati Javu 8, već Open JDK sa podrškom za IcedTea.

2 Distribucija OpenJDK

OpenJDK 1.8. build za Windows i Linux možete naći na linku <u>https://github.com/ojdkbuild/ojdkbuild</u>. Tamo ćete naći i verzije za instalaciju. Na vrhu se uvek nalazi najnovija verzija, na slici je **primer** iz 7.5.2019. godine:

- 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 (announcement)
 - 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)

3 Uklanjanje Oracle Java

Najpre u Kontrolnoj tabli, Programi i funkcije (Control Panel, Programs and Features) uklonimo program *Oracle Java 1.8.* Ponovno pokrenemo računar da se sistemske varijable adekvatno uklone i ažuriraju, tek tada instaliramo drugi program – *Open Java Developmen Kit* (ojdkbuild)



Ako imamo programe koji se pokreću *Javom* 8, nakon uklanjanja *Jave* pojaviće se odgovarajuća poruka da program nije više instaliran, npr.:

• MangeeRFIDServiceServer_X86



• COBISS Connect ili COBISS3 .jnlp prečica



4 Instalacija OJDK – 32bit, odnosno 64bit IcedTea Jave

Kada izaberete verziju koja odgovara vašoj verziji operativnog sistema, pojavljuje se sledeća slika:

Open File	- Security Warning
The purchase in the purchase i	ublisher could not be verified. Are you sure you want to software?
-12	Name:njdk-1.8.0.191-1.b12.ojdkbuild.windows.x86.msi
	Publisher: Unknown Publisher
	Type: Windows Installer Package
	From: C:\Users\KNJADM\Desktop\java-1.8.0-openjdk-1
	Run Cancel
⊘ Al <u>w</u> a	ays ask before opening this file
8	This file does not have a valid digital signature that verifies its publisher. You should only run software from publishers you trust. <u>How can I decide what software to run?</u>

Klikom na **Run** pokrećemo instalaciju. Pojedinačne faze instalacije potvrđujemo klikom na **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



VEOMA VAŽNO:

Pre nego što nastavimo sa instalacijom, izaberemo sve ponuđene opcije za instalaciju: OpenJDK Runtime, OpenJFX Runtime, Web Start i Update Notifier.

🔀 OpenJDK 1.8.0_212-1-ojdkbuild Setup	– 🗆 X
Custom Setup	
Select the way you want features to be installed.	-
Click the icons in the tree below to change the way	y features will be installed.
OpenJDK Runtime Windows Registry PATH Variable JAVA_HOME Variable	OpenJDK 8 runtime files.
OJDKBUILD_JAVA_H JAR Files Association OpenJFX Runtime Web Start	This feature requires 0KB on your hard drive. It has 0 of 5 subfeatures selected. The subfeatures require 0KB on your hard drive.
Reset Disk Usage	Back Next Cancel
# OpenIDK 1.8.0. 212-1-pidkbuild Setup	Y
Custom Cotum	
Select the way you want features to be installed.	
Click the icons in the tree below to change the way	y features will be installed.
OJDKBUILD_JAVA_H JAR Files Association OpenJFX Runtime Web Start	Adds 'JavaHome' and 'RuntimeLib' Windows Registry keys under 'HKLM\Software\JavaSoft'.
→ JNLP Files Associatior PATH Variable Keep Settings and Ca Update Notifier ✓	This feature requires 0KB on your hard drive.
× >	

<u>B</u>ack

Disk <u>U</u>sage

<u>N</u>ext

Cancel

Re<u>s</u>et

Nastavljamo i završavamo instalaciju.

🖞 OpenJDK 1.8.0_191-1-ojdkbuild Setup
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.
<u>B</u> ack <u>Install</u> Cancel
🔁 OpenJDK 1.8.0_191-1-ojdkbuild Setup
Completed the OpenJDK 1.8.0_191-1-ojdkbuild Setup Wizard



5 Instalacija interfejsa za COBISS3

Na ulaznoj stranici COBISS izaberemo opciju *COBISS3 instalacija*, a potom u polje *Pretraži*: upisujemo akronim biblioteke, npr. IZUM.

Namestitev							Postope	:k
Prikaži 15 ∨					Poišči: IZUM		Uporabnišk preko interi	ki vmesnik COBISS3 namestite neta.
St. 1. Institut info	Naziv ormacijskih znanosti, Maribor	Maribor	aj – Ak IZUN	A Namestitev	Da Da	Da Da	1. Prepi račur	ričajte se, da je na vašem nalniku nameščena zadnja verzij
Prikazano [1 - 1] od 1 Filtrirano po vseh zadetkih (908)					<< < 1	> >>	jave. 2. Če je poso izberi	e potrebna namestitev ali dobitev zadnje verzije jave, ite glede na okolje:
							Ð	MS Windows

Desnim klikom na ikonu COBISS možemo da sačuvamo link na radnu površinu. Sačuvan link, odnosno datoteka **c3_izum.jnlp** na radnoj površini omogućava da bilo kada ponovo pokrenemo interfejs i prijavimo se u sistem COBISS3.

Namestite	2V					
Prikaži 15 ~						Poišči: IZUM
Št.	Naziv	$\stackrel{\wedge}{=}$	Kraj		Akronim	\$ Namestitev Kat 🗢 Izp 🗢 MI 🗢 Nab 🗢
1. Institut	t informacijskih znanosti, Maribor		Maribor		IZUM	
Prikazano [1 - Filtrirano po v	1] od 1 seh zadetkih (908)					Odpri pove <u>z</u> avo v novem zavihku Odpri povezavo v <u>n</u> ovem oknu Od <u>p</u> ri povezavo v novem zasebnem oknu
						Dodaj povezavo <u>m</u> ed zaznamke
						Shrani povezavo <u>k</u> ot
						Shrani p <u>o</u> vezavo v Pocket
						Kop <u>i</u> raj mesto povezave

Mozilla Firefox: Sačuvaj vezu kao... (Save link as...)

🕹 Vnesite ime datoteke za shranjevanje X									
← → × ↑ □ > T	his PC > Desktop > 🗸 🗸	Search Desktop	Q						
Organize 🔻 New fold	der		• • •						
Desktop Copbox ConeDrive - Mini: Marko Kabaj This PC	Name Science: Ca_izum.jnlp Ca_mzzrs.jnlp Ca_gjes.jnlp MonitorManager.jnlp	Date modified 28.11.2018 16:37 27.11.2018 13:25 27.11.2018 11:25 27.11.2018 9:16	Type ^ JNLP F JNLP F JNLP F JNLP F						
File <u>n</u> ame: Save as <u>t</u> ype: JNLF Hide Folders	zum.jnlp P File (*.jnlp)	<u>S</u> ave Ca	~ ~						

Microsoft Edge: Save target as

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					Save Share Selec Copy Paste	picture as e picture tt all		3.	Namestite uporabniški vmesnik COBISS3 (kliknite gumb COBISS2) zraven svoje institucije ali knjižnice). Zaženite uporabniški vmesnik COBISS3 (kliknite bližnjico na namizju).

Google Chrome: Save link as...

Namestitev		1
Prikaži 15 🔻	F	oišči: izum
Št. Naziv	🔷 🛛 Kraj 🔺 Akronim 🗘 Na	mestitev Kat \Rightarrow Izp \Rightarrow MI \Rightarrow Nab \Rightarrow
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 incognito 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+Shift+I

Na radnu površinu kopira se datoteka **c3_izum.jnlp** koju otvaramo i pokrećemo dvostrukim klikom. Prvi put se prikazuje najava programa *IcedTea* sa nekim podacima (naslov, izvođač, internet stranica).

c3_izum.jnlp	Title: COBISS3 izum X Yendor: IZUM Homepage: http://cobiss3.izum.si
Type: JNLP File Size: 2,46 KB Date modified: 30.11.2018 15:31	IcedTea
	Odjemalec za COBISS3 aplikacijo.

U sledećem koraku prikazuje se prozor *IcedTea* u kojem možete naći podatke o aplikaciji. Stavimo kvačicu kod *Remember this option* i označimo *For applet* te nastavljamo klikom na dugme **Proceed**.

3	
	The application COBISS3 izum from http://izumc3-2.izum.si/cobiss3/ uses resources from the following remote locations: http://izumc3-2.izum.si/cobiss3/classes http://izumc3-2.izum.si/cobiss3/jnlp They look ok. Are you sure you want to run this application?
	For more information you can visit: <u>JAR File Manifest Attributes</u> and <u>Preventing the Repurposing of an Application</u>
6	Proceed Cancel Help Remember this option? For applet For site <u>http://izumc3-2.izum.si/cobiss3/</u>

Otvara se prozor za prijavu sa odgovarajućom vezom (npr. IZUM) u kojem se prijavljujete svojim korisničkim imenom i šifrom.

	COBISS3
	IZUM
	1
	Geslo
	Sprememba gesla COBISS
	V redu X Prekliči
,	
,	

6 Pokretanje interfejsa COBISS3



Kod svih sledećih primera pokretanja interfejsa COBISS3 nakon dvostrukog klika na ikonu *IcedTea c3_izum.jnlp* najpre će se prikazati najava **IcedTea sistema ojdkbuild**.

Nakon toga dolazi **najava sistema COBISS3**, a potom prozor za prijavu u **sistem COBISS3**.



7 Poverenje u interfejs COBISS3 u IcedTea ojdkbuild

Ako se pokaže sigurnosni prozor (*Security Approval Required*) za potvrđivanje poverenja u interfejs COBISS3, označimo kvačicom *Always trust content from this publisher* i nastavimo sa klikom na **Run**.

