

# *Informacioni sistemi*

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## **Računske vežbe**

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**kancelarija 524**

**Katedra za Računarstvo,  
Elektronski fakultet, Univerzitet u Nišu**

- **Računske vežbe u učionici**

- ❖ Računske vežbe se održavaju u terminima koji su dati u rasporedu časova

- **Termini u laboratoriji**

- ❖ 4 termina za laboratorijske vežbe
- ❖ Termini za laboratorijske vežbe biće naknadno istaknuti

# Struktura vežbi

19.02 – 25.02 1. nedelja	26.02 – 04.03 2. nedelja	05.03 – 11.03 3. nedelja	12.03 – 18.03 4. nedelja	19.03 – 25.03 5. nedelja	26.03 – 01.04 6. nedelja	02.04 – 08.04 7. nedelja
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RV:Uvodni cas	RV	RV	RV	RV LV1	RV LV2	RV LV3
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09.04-15.04 8.nedelja	16.04 – 22.04 9. nedelja	23.04 – 29.04 10. nedelja	30.05 – 06.05 11. nedelja	07.05 – 13.05 12. nedelja	14.05 – 20.05 13. nedelja	21.05 – 27.05 14. nedelja
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<b>RV</b> Projekat I deo <b>LV4</b> Projekat I deo	<b>RV</b> Projekat I deo <b>LV4</b> Projekat I deo	<b>LV5</b> NADOKNADA: Projekat I deo	pauza	LV6	LV7	<b>RV</b> Projekat II deo <b>LV8</b> Projekat II deo
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28.05-03.06 15.nedelja	16.nedelja
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<b>RV</b> Projekat II deo <b>LV9</b> Projekat II deo	<b>LV10</b> NADOKNADA: Projekat II deo					
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- **Poeni sa vežbi: max = 50poena**

- ❖ Laboratorijske vežbe I deo: 25 poena -> rok: **08.04.2018.**
- ❖ Laboratorijske vežbe II deo: 25 poena -> rok: **20.05.2018.**
- ❖ NAPOMENA: Naknadni termini za predaju vežbi ne postoje.

# Java i Eclipse

- **Java:**

- ❖ **Version 8 Update 121**
- ❖ <https://java.com/en/download/>
- ❖ Oracle JDK link za download se menja često, tako da je najbolje na Google-u potražiti "JDK 8 download"

- **Eclipse:** Eclipse Neon 3.RC2 Packages



**Eclipse IDE for Java EE Developers**

304 MB - Downloaded 473 Times

- ❖ <http://www.eclipse.org/downloads/packages/eclipse-ide-java-ee-developers/neon3rc2>

- **Instalacija i kompatibilnost Java i Eclipse-a:**

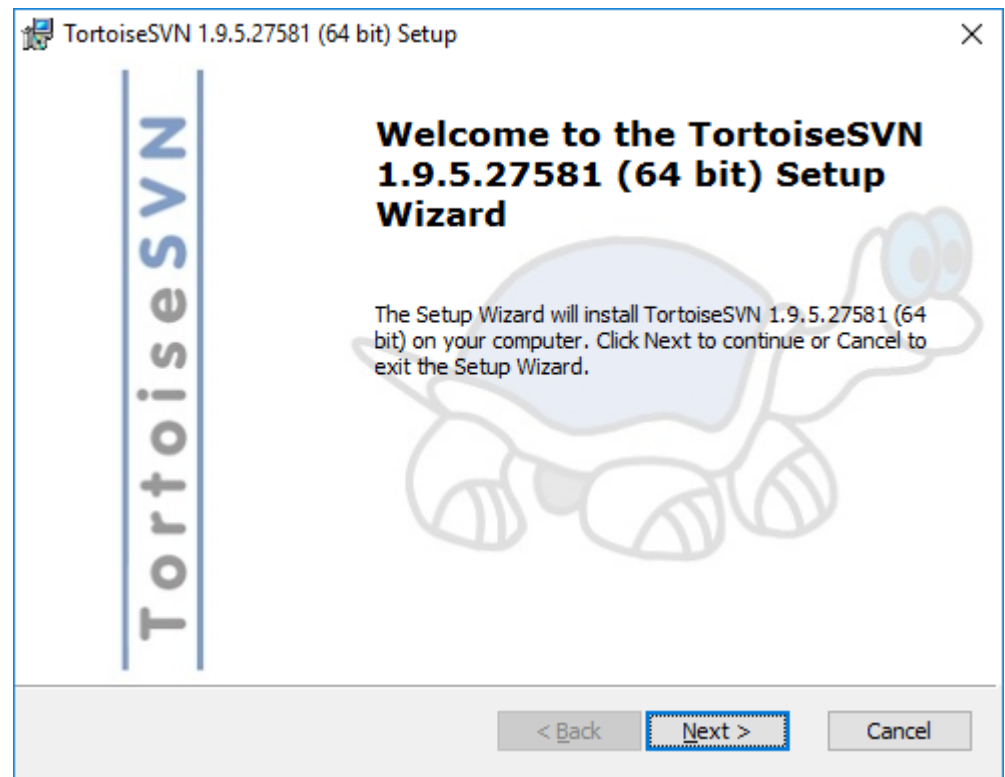
- ❖ **Pojava greške pri startovanju Eclipse-a: Error 13**

- ❖ **NAPOMENA:**

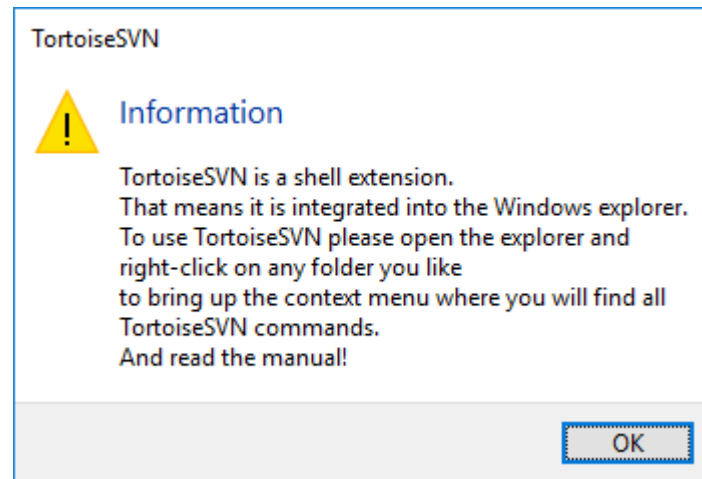
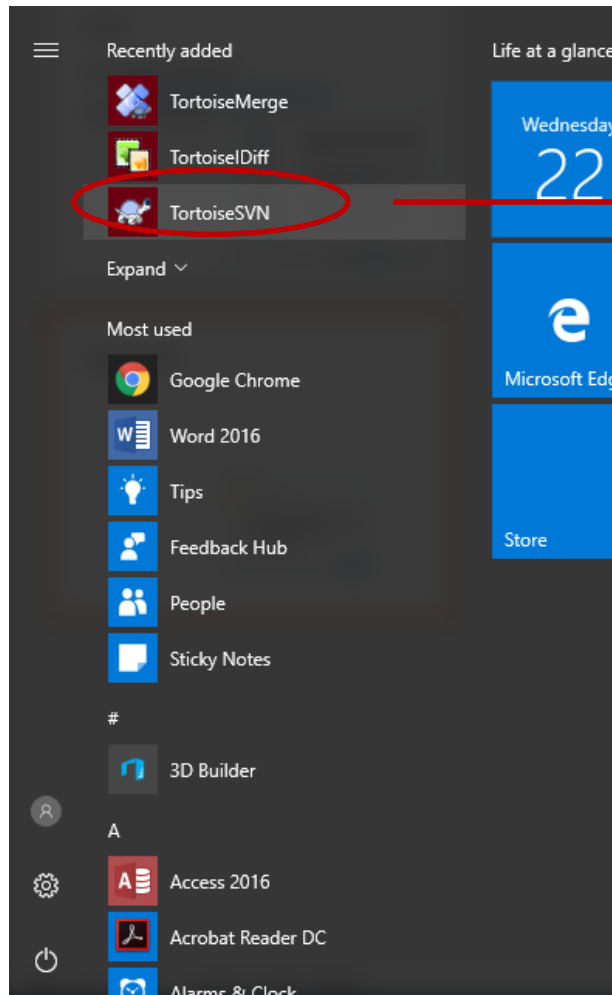
- 64-bit Eclipse zahteva 64-bit JVM,
- 32-bit Eclipse zahteva 32-bit JVM
- nije dozvoljeno mešanje verzija
- Eclipse zahteva Java 8 verziju, tako da je najbolje da se instalira JDK 1.8 (**nikako samo JRE**).

# SVN

- SVN klijent (TorseSVN):
  - <https://tortoisesvn.net/downloads.html>
- Eclipse SVN plugin

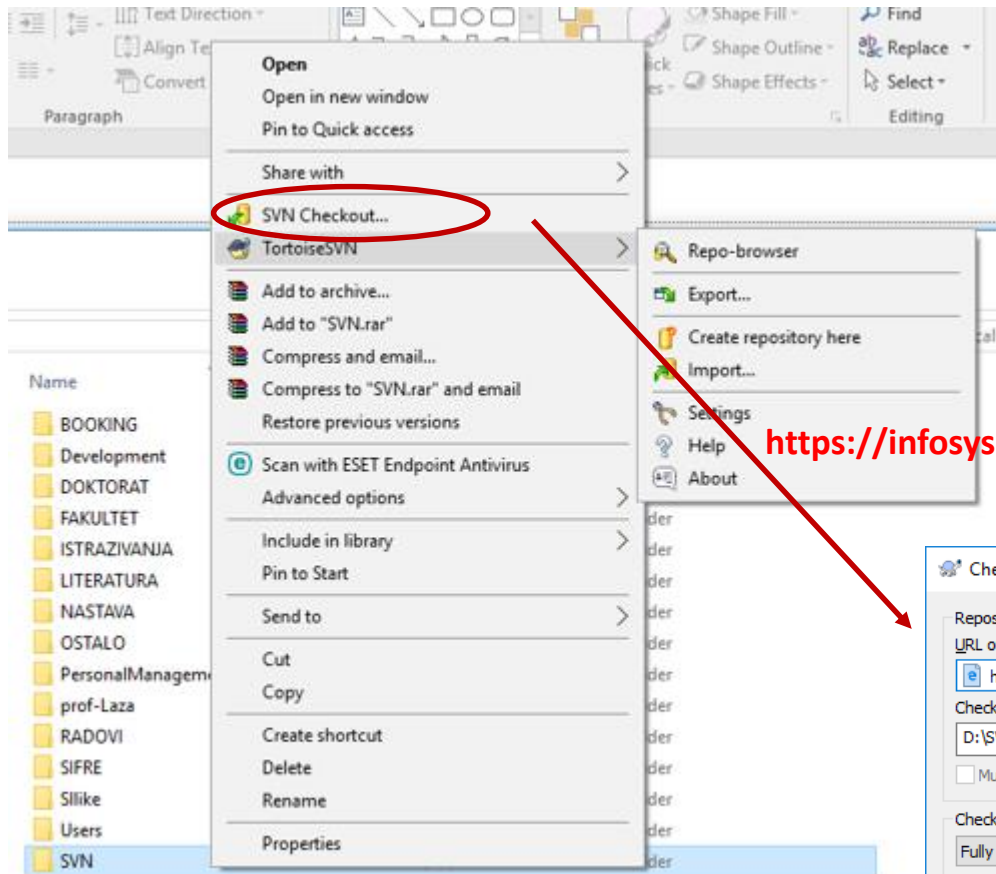


# TorseSVN

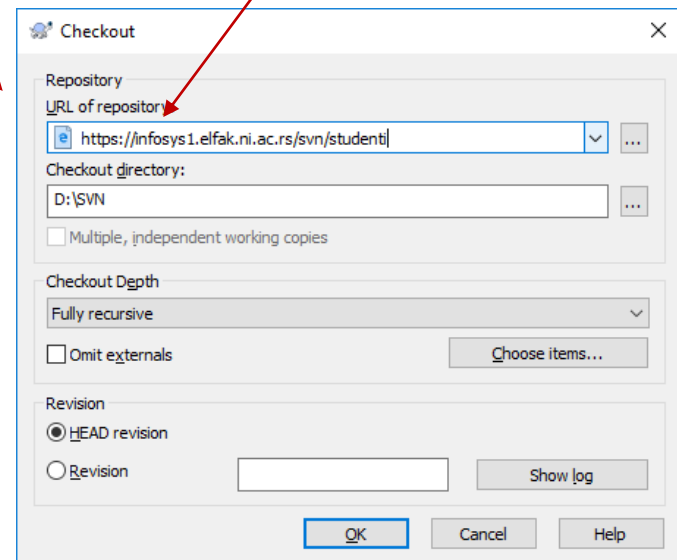




# TorseSVN

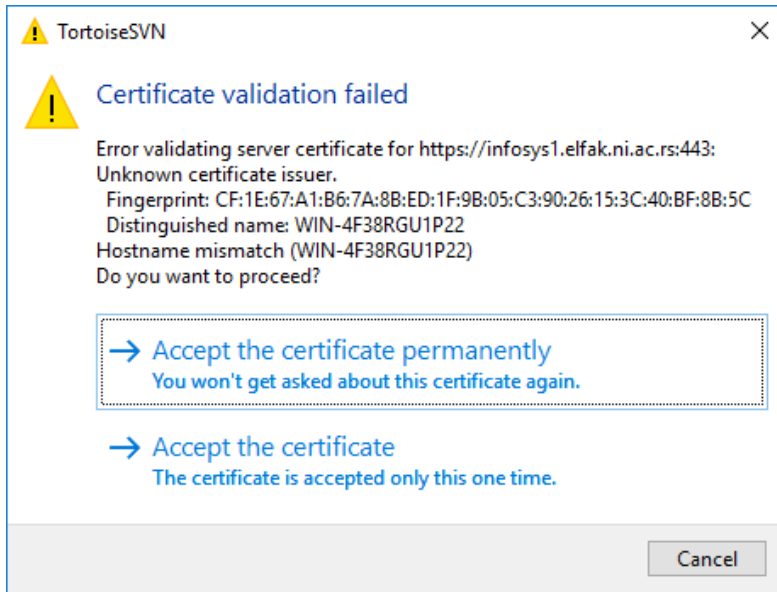


<https://infosys1.elfak.ni.ac.rs/svn/studenti/informacioni sistemi>

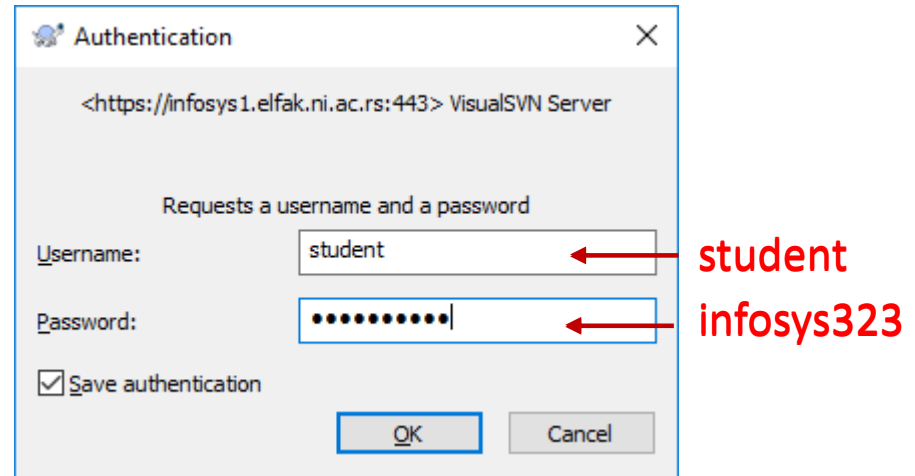


# TorseSVN

1



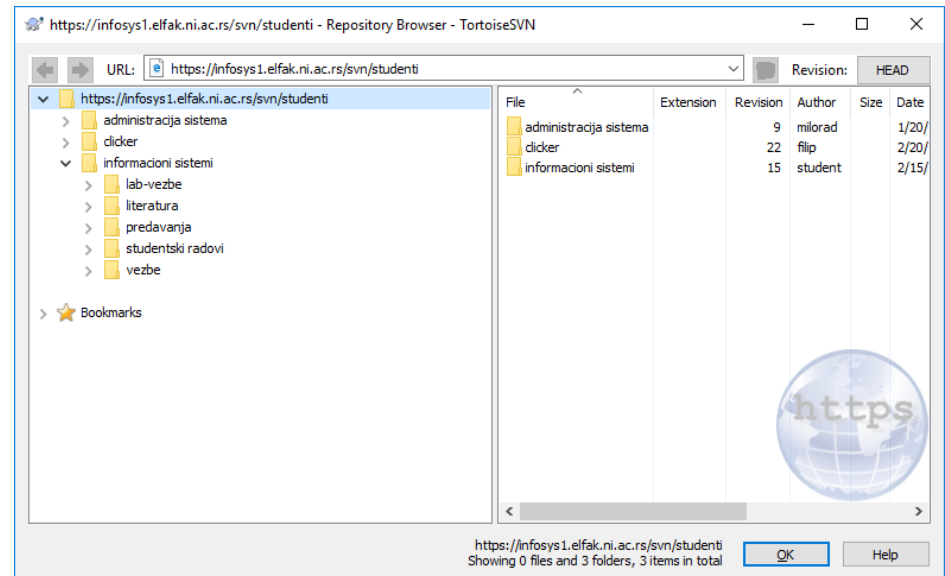
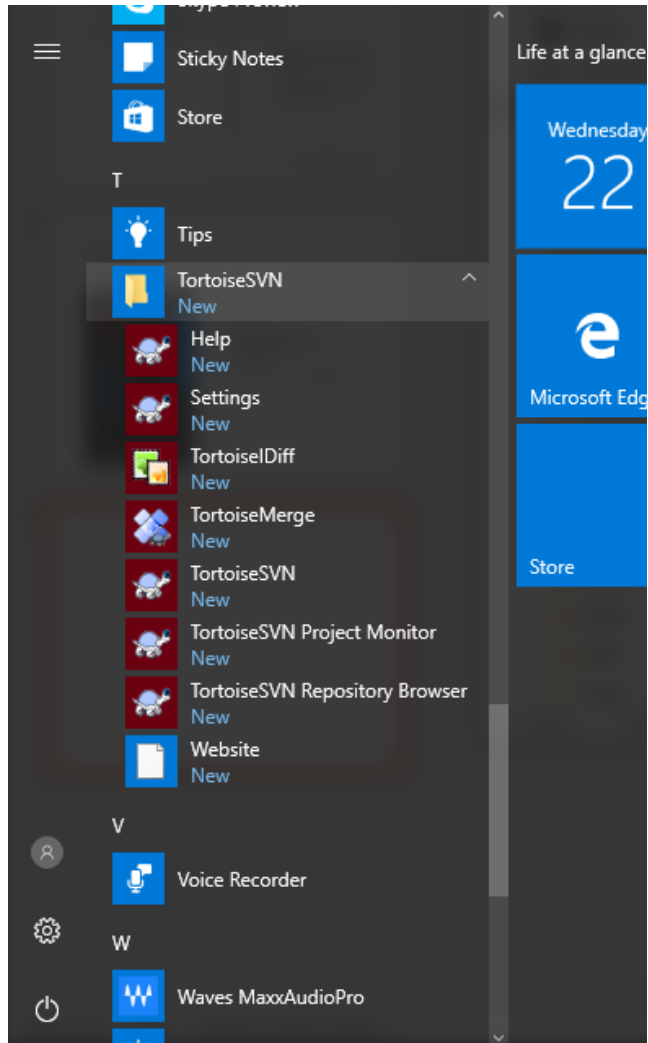
2



3

Name	Date modified	Type	Size
administracija sistema	2/22/2017 7:44 PM	File folder	
clicker	2/22/2017 7:44 PM	File folder	
informacioni sistemi	2/22/2017 7:44 PM	File folder	

# TorseSVN



# TorseSVN Browser

https://infosys1.elfak.ni.ac.rs/svn/studenti - Repository Browser - TortoiseSVN

URL: <https://infosys1.elfak.ni.ac.rs/svn/studenti> Revision: HEAD

▼ <https://infosys1.elfak.ni.ac.rs/svn/studenti>

- > administracija sistema
- > clicker
- ▼ informaciوني sistemi
  - > lab-vezbe
  - > literatura
  - > predavanja
  - > studentski radovi
  - > vezbe
- > ★ Bookmarks

Context menu for **informaciوني sistemi**:

- Show log
- Revision graph
- Export...
- Checkout...
- Refresh
- Create folder...
- Add file...
- Add folder...
- Rename
- Add to Bookmarks
- Delete...
- Copy to clipboard
- Copy to working copy...
- Copy to...
- Show properties
- Mark for comparison
- Create shortcut

File	Extension	Revision	Author	Size	Date
administracija sistema		9	milorad		1/20/
clicker		22	filip		2/20/
informaciوني sistemi		15	student		2/15/

https

Showing 0 files and 3 folders, 3 items in total

OK Help

# SVN Eclipse

- Instalacija SVN plugin-a u Eclipse-u
  - Video-uputstvo:  
<https://www.youtube.com/watch?v=zi2ML0PGvTY>
  - <https://eclipse.org/subversive/installation-instructions.php>
  - **Help > Install New Software...**

# Rad sa SVN-om

- Preuzimanje projekta
  - Checkout
  - Update
- Dodavanje fajlova/direktorijuma
  - Add
  - Commit



Install

## Available Software

Check the items that you wish to install.



Work with: Mars - <http://download.eclipse.org/releases/mars>

Add...

Find more software by working with the "[Available Software Sites](#)" preferences.

Subversive

Name

Version

<input checked="" type="checkbox"/>	Subversive Revision Graph (Optional)	3.0.0.I20150529-1700
<input type="checkbox"/>	Subversive SVN Integration for the M2E Project (Optional)	3.0.0.I20150529-1700
<input checked="" type="checkbox"/>	Subversive SVN Integration for the Mylyn Project (Optional)	3.0.0.I20150529-1700
<input checked="" type="checkbox"/>	Subversive SVN JDT Ignore Extensions (Optional)	3.0.0.I20150529-1700
<input checked="" type="checkbox"/>	Subversive SVN Team Provider	3.0.1.I20150722-1700
<input type="checkbox"/>	Subversive SVN Team Provider Localization (Optional)	3.0.0.I20150529-1700
<input type="checkbox"/>	Subversive SVN Team Provider Sources	3.0.1.I20150722-1700

Select All

Deselect All

4 items selected

Details

The feature is useful for Java development because it allows to automatically interpret output folders as ignored resources.

[More...](#)

☒ Show only the latest versions of available software

☒ Hide items that are already installed

☒ Group items by category

What is [already installed](#)?

☐ Show only software applicable to target environment

☒ Contact all update sites during install to find required software



< Back

Next >

Finish

Cancel

Checkout from SVN

**Enter Repository Location Information**

Define the SVN repository location information. You can specify additional settings for proxy and svn+ssh, https connections.

General Advanced SSH Settings SSL Settings

URL:  Browse...

Label

☒ Use the repository URL as the label

☐ Use a custom label:

Authentication

User:  ← student

Password:  ← infosys323

☒ Save authentication (could trigger secure storage login)

To manage your security data, please see ["Secure Storage"](#)

Show Credentials For: <Repository Location>

☒ Validate Repository Location on finish

Reset Changes

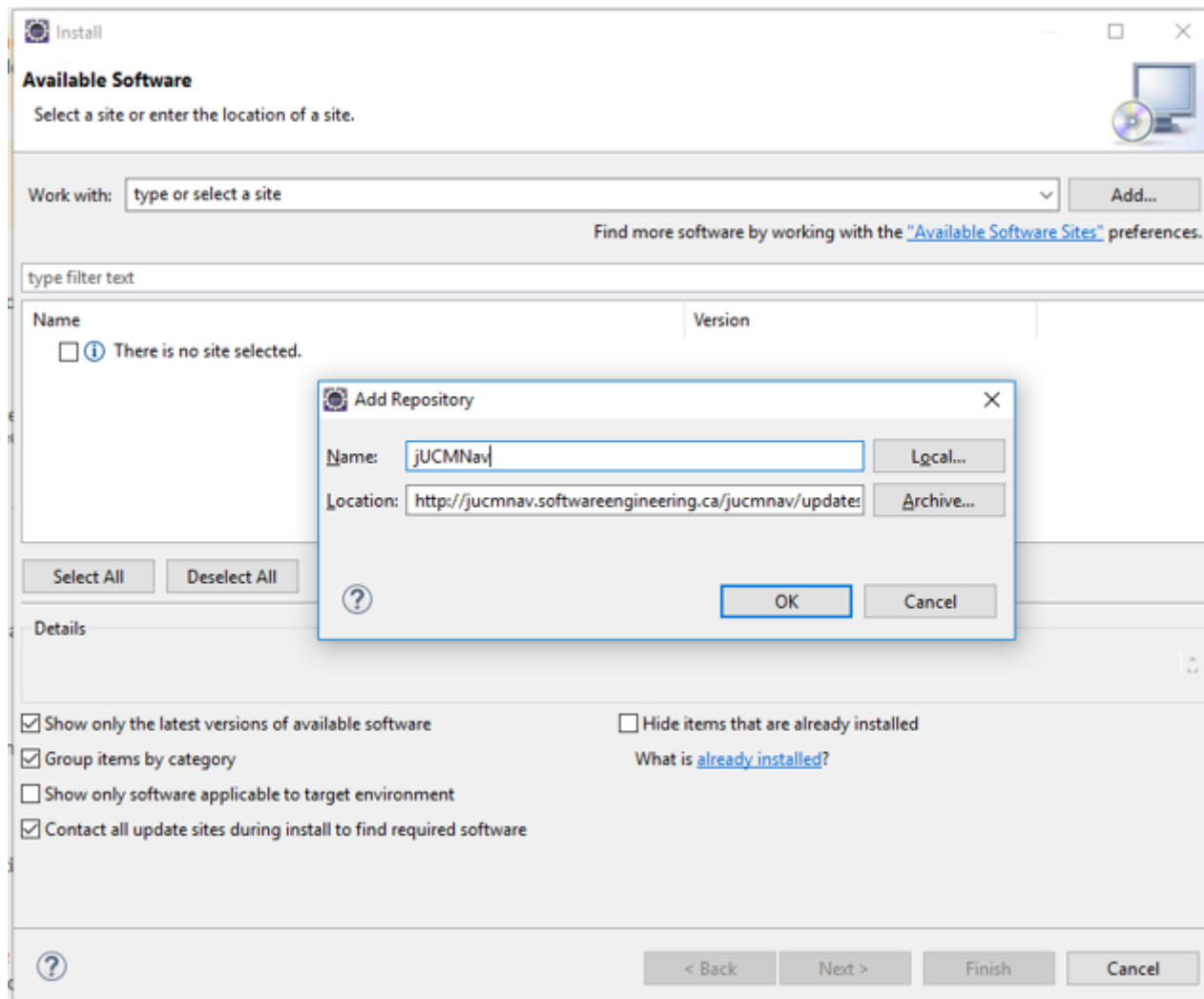
? < Back Next > Finish Cancel



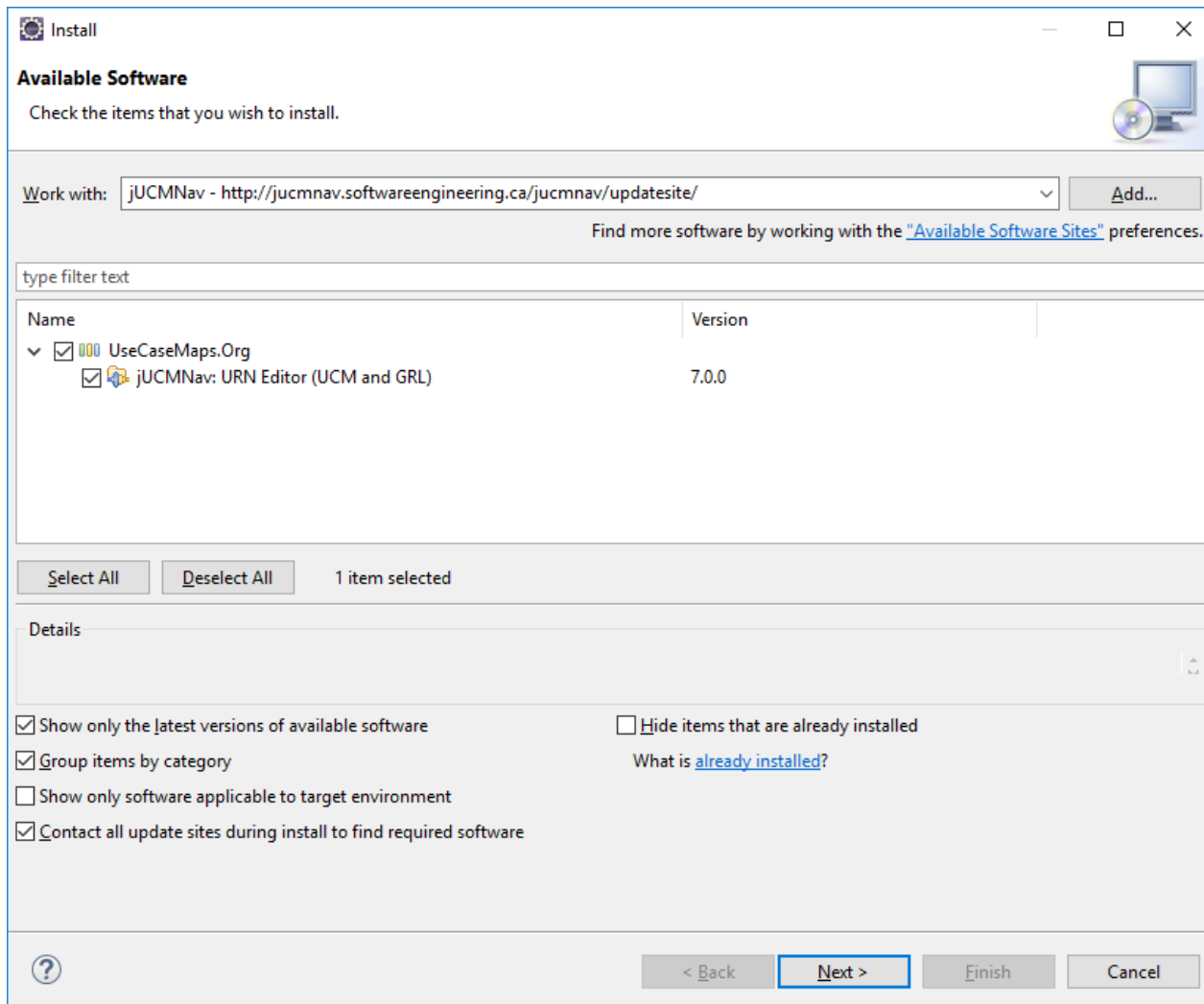
# Eclipse modelovanje

- URN modelovanje: **–jUCMNav - A Eclipse-based modeling tool for the User Requirements Notation**
  - Eclipse *jUCMNav plugin*
  - **jUCMNav v7.0.0**
- Instalacija:
  - Help -> Install New Software... ->
    - AddName: jUCMNav
    - Location: <http://jucmnav.softwareengineering.ca/jucmnav/updatesite/>
  - Uputstvo za instalaciju:
    - <http://jucmnav.softwareengineering.ca/ucm/bin/view/ProjetSEG/DownloadingAndInstallation>
- UML modelovanje: Eclipse *Papyrus plugin*:
  - **Papyrus Neon release (2.0.2)**
  - Instalacija: <https://eclipse.org/papyrus/download.html>
  - Video-uputstvo za instalaciju:
    - <https://www.youtube.com/watch?v=gmf8CswqKcs>

# jUCMNav



# jUCMNav



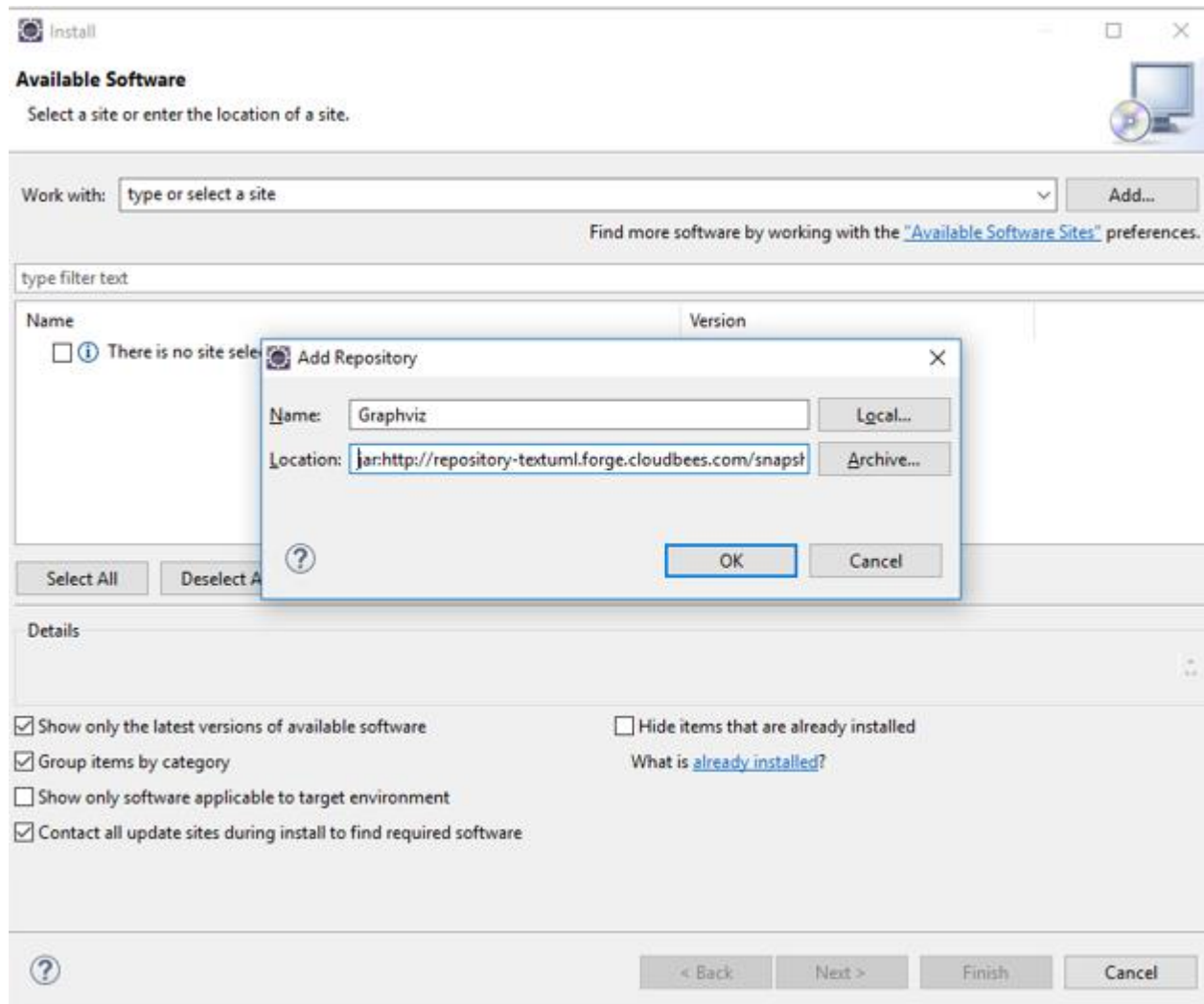
# jUCMNav

- Uputstva i primeri:
  - [http://jucmnav.softwareengineering.ca/ucm/bin/view/ProjetSEG/JUCMNavTutorials#UCM Analysis with Scenarios](http://jucmnav.softwareengineering.ca/ucm/bin/view/ProjetSEG/JUCMNavTutorials#UCM%20Analysis%20with%20Scenarios)

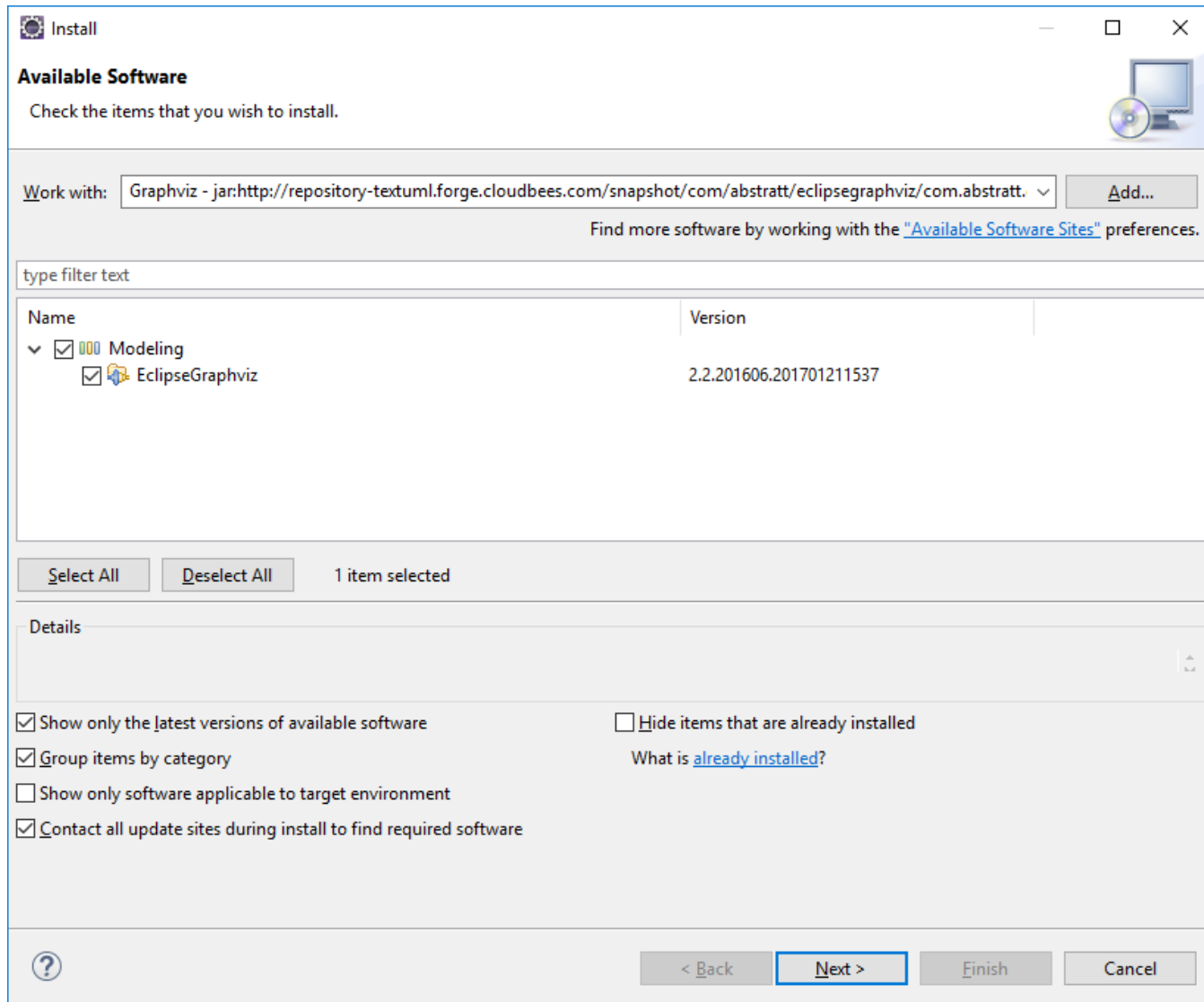
# jUCMNav

- Potrebno je instalirati i:
  - ***Graphviz Eclipse plugin***
- Uputstvo za instalaciju:
  - <https://github.com/abstratt/eclipsegraphviz>
  - Help > Install New Software...
    - Uneti pod *Work with* sledeći link:  
jar:http://repository-textuml.forge.cloudbees.com/snapshot/com/abstratt/eclipsegraphviz/com.abstratt.eclipsegraphviz.repository/2.2.201606/com.abstratt.eclipsegraphviz.repository-2.2.201606.zip!/
      - Selektovati *EclipseGraphviz* iz kategorije *Modeling*.

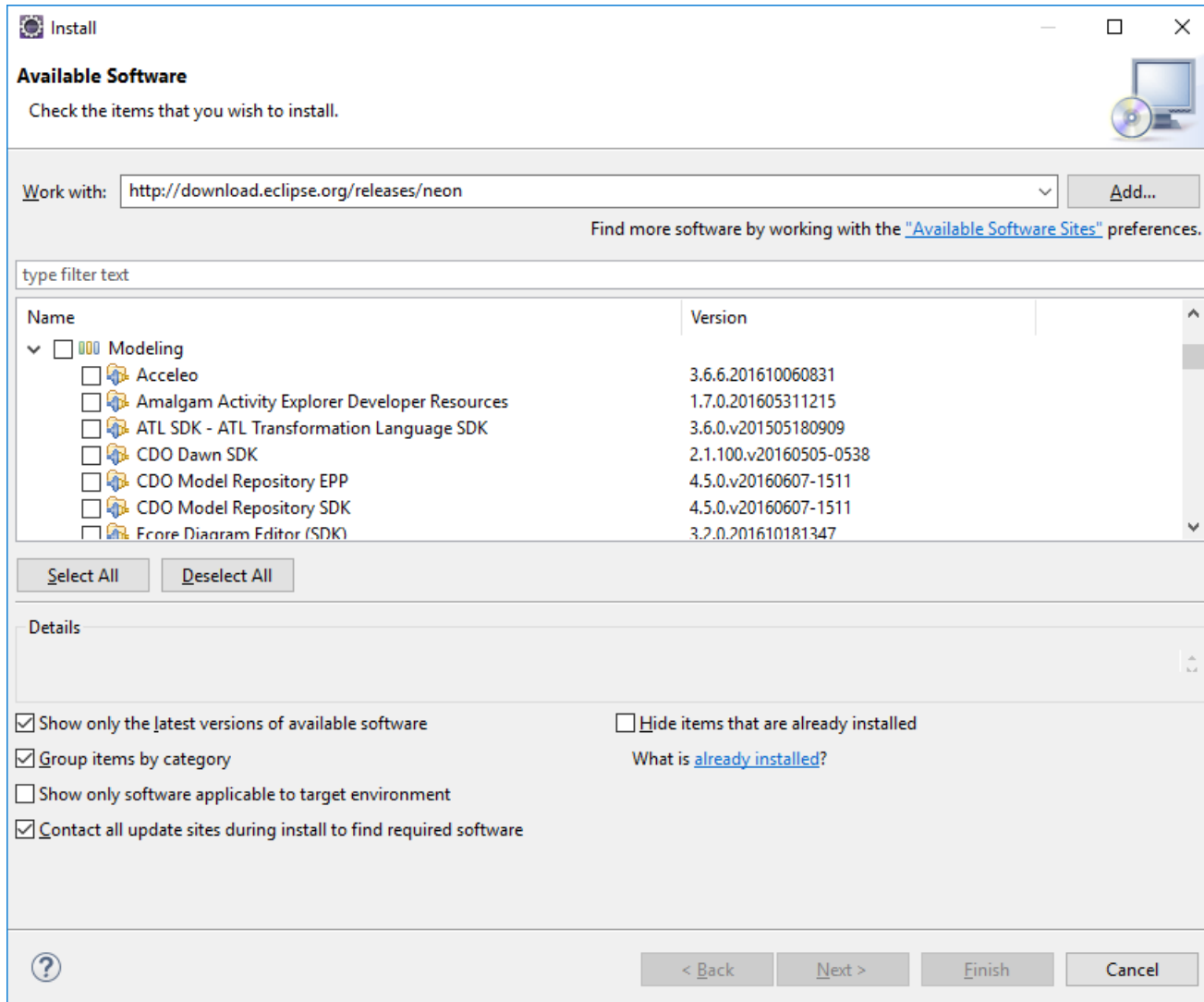
# jUCMNav/Graphviz



# jUCMNav/Graphviz



# Papyrus





# Papyrus

