

# Uputstvo za uspostavljanje razvojnog okruženja za razvojni tim

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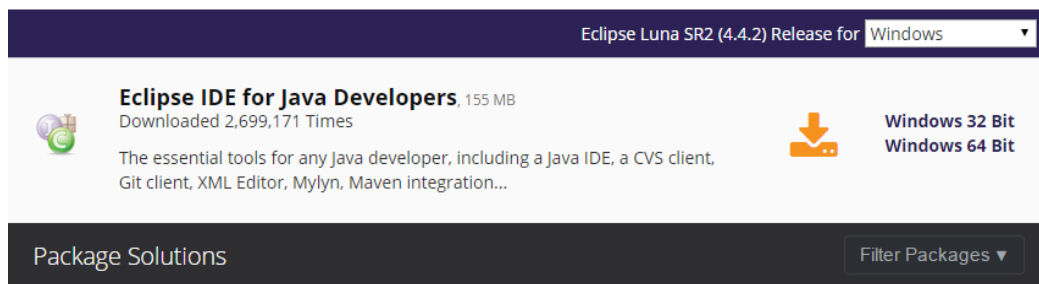
Zmajevo gnijezdo  
Softversko rješenje za upravljanje rezervacijama

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# 1. Instalacija Eclipse-a

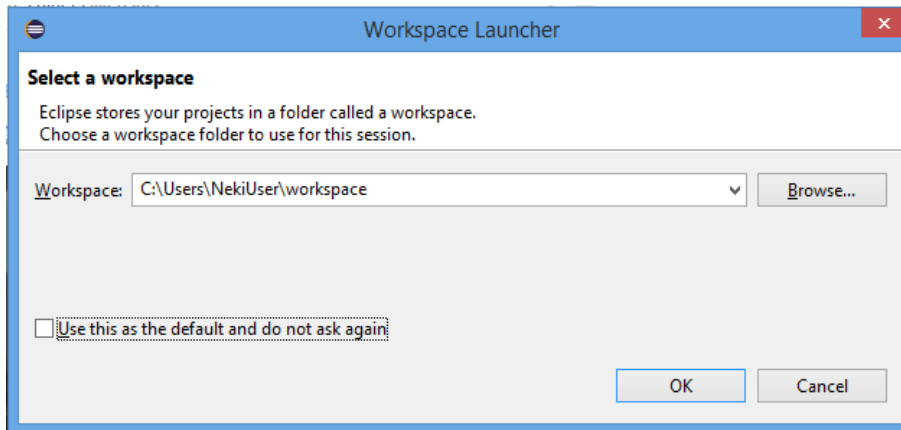
1. Otvoriti link <http://www.eclipse.org/downloads/>
2. Izabrati: Eclipse IDE for Java Developers, verzija *Eclipse Luna SR2 (4.4.2)*, te kliknuti na jednu od verzija *Windows 32 Bit* ili *Windows 64 bit*



3. Kada se preuzme .zip fajl, potrebno ga je raspakovati, te pokrenuti program klikom na *eclipse.exe*

	configuration	19/02/2015 03:26
	dropins	19/02/2015 03:26
	features	19/02/2015 03:26
	p2	19/02/2015 03:26
	plugins	19/02/2015 03:26
	readme	19/02/2015 03:26
	.eclipseproduct	28/01/2015 10:08
	artifacts.xml	19/02/2015 03:26
	<b>eclipse.exe</b>	19/02/2015 03:26
	eclipse.ini	19/02/2015 03:26
	eclipse.exe	19/02/2015 03:26
	epl-v10.html	28/01/2015 10:08
	notice.html	28/01/2015 10:08

4. Odabrati putanju do foldera u kojem će se nalaziti projekat



5. Ukoliko je instalacija dobro prošla trebao bi se pojaviti sljedeći prozor



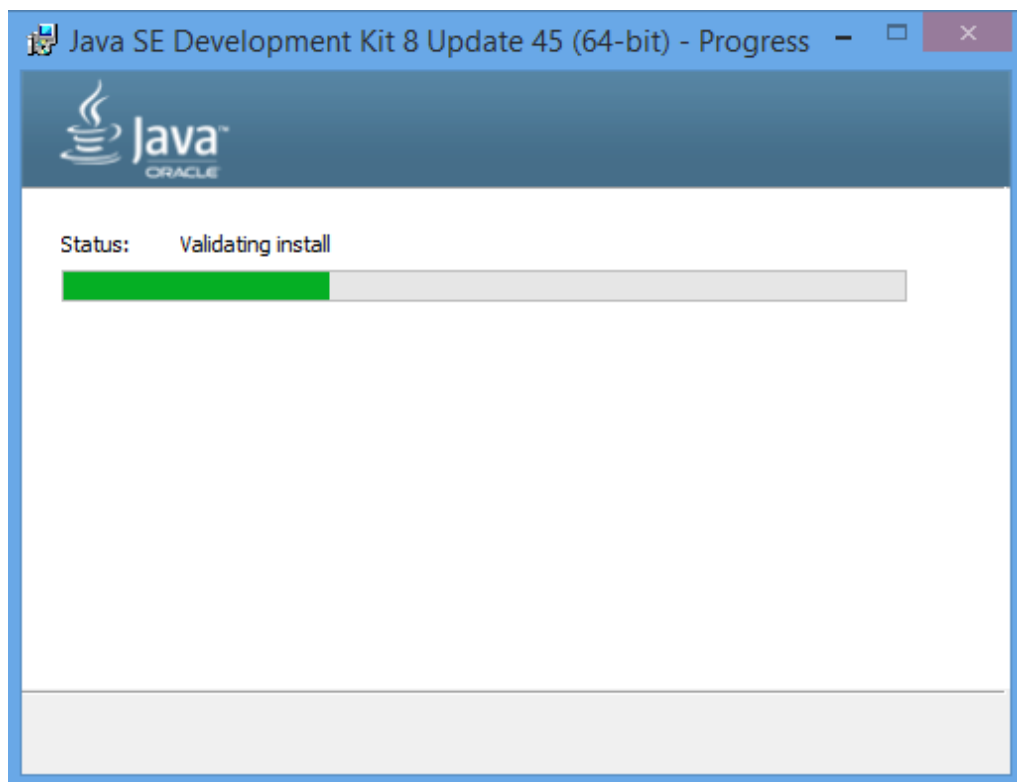
## 2. Instalacija JDK

JDK (Java Development Kit) je razvojno okruženje za aplikacije, aplete i komponente koje koristi Java programski jezik. JDK uključuje korisne alate za razvoj i testiranje programa napisanih u Java programskom jeziku i pokretanju istih na Java platformi.

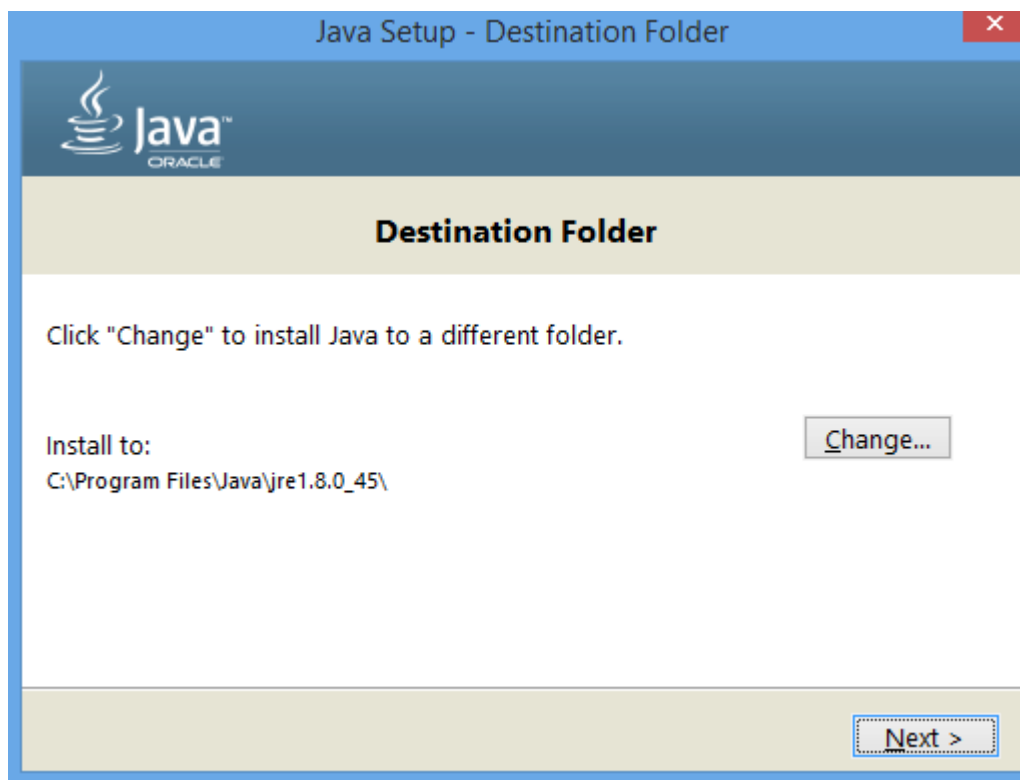
1. Otvoriti sljedeći link: <http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>
2. Označiti *Accept License Agreement* te preuzeti *Windows x64* verziju

Java SE Development Kit 8u45		
You must accept the <a href="#">Oracle Binary Code License Agreement for Java SE</a> to download this software.		
<input type="radio"/> Accept License Agreement <input checked="" type="radio"/> Decline License Agreement		
Product / File Description	File Size	Download
Linux x86	146.89 MB	<a href="#">jdk-8u45-linux-i586.rpm</a>
Linux x86	166.88 MB	<a href="#">jdk-8u45-linux-i586.tar.gz</a>
Linux x64	145.19 MB	<a href="#">jdk-8u45-linux-x64.rpm</a>
Linux x64	165.24 MB	<a href="#">jdk-8u45-linux-x64.tar.gz</a>
Mac OS X x64	221.98 MB	<a href="#">jdk-8u45-macosx-x64.dmg</a>
Solaris SPARC 64-bit (SVR4 package)	131.73 MB	<a href="#">jdk-8u45-solaris-sparcv9.tar.Z</a>
Solaris SPARC 64-bit	92.9 MB	<a href="#">jdk-8u45-solaris-sparcv9.tar.gz</a>
Solaris x64 (SVR4 package)	139.51 MB	<a href="#">jdk-8u45-solaris-x64.tar.Z</a>
Solaris x64	95.88 MB	<a href="#">jdk-8u45-solaris-x64.tar.gz</a>
Windows x86	175.98 MB	<a href="#">jdk-8u45-windows-i586.exe</a>
Windows x64	180.44 MB	<a href="#">jdk-8u45-windows-x64.exe</a>

3. Pokrenuti .exe fajl i pratiti korake instalacije



4. Odabrali folder u koji želimo instalirati Javu:



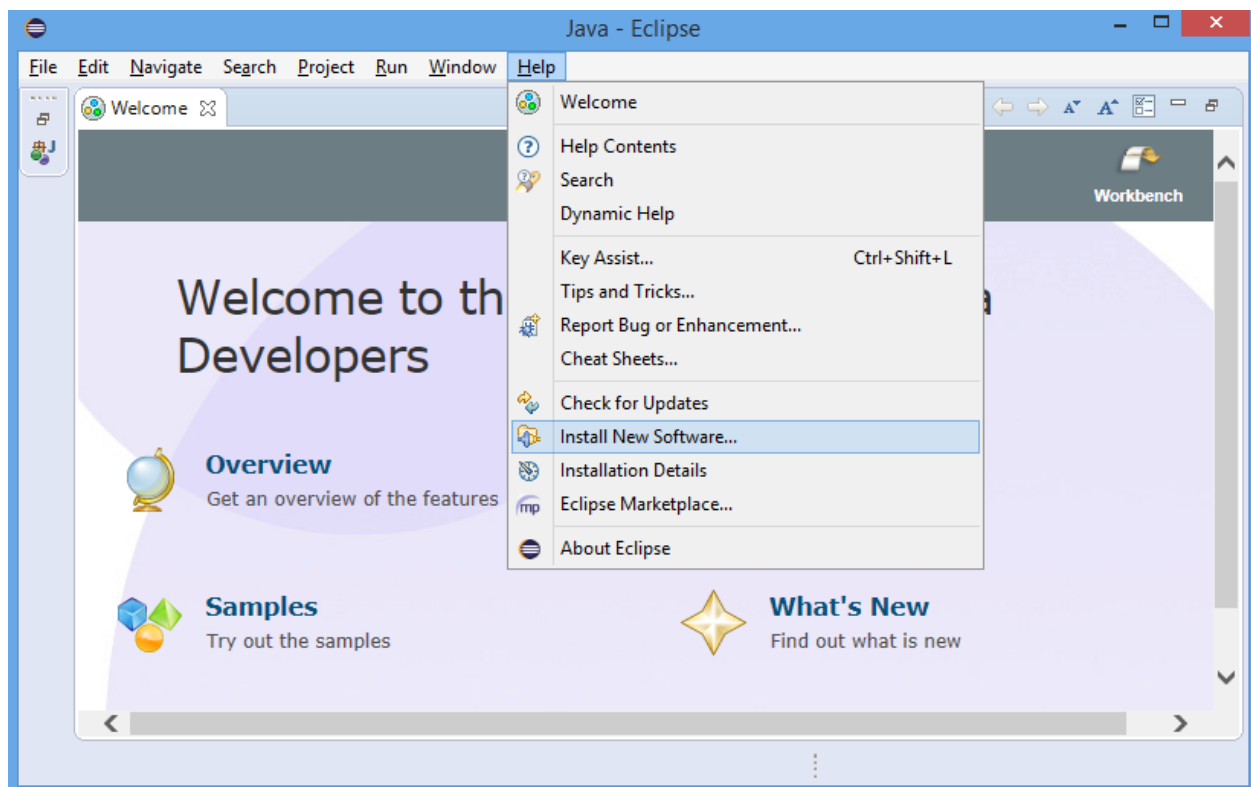
5. Klikom na *Next* preći na sljedeći korak te završiti instalaciju:



### 3. Instalacija Windows Builder-a

1. U Eclipse okruženju otići na Help -> Install New Software kao na sljedećoj slici:

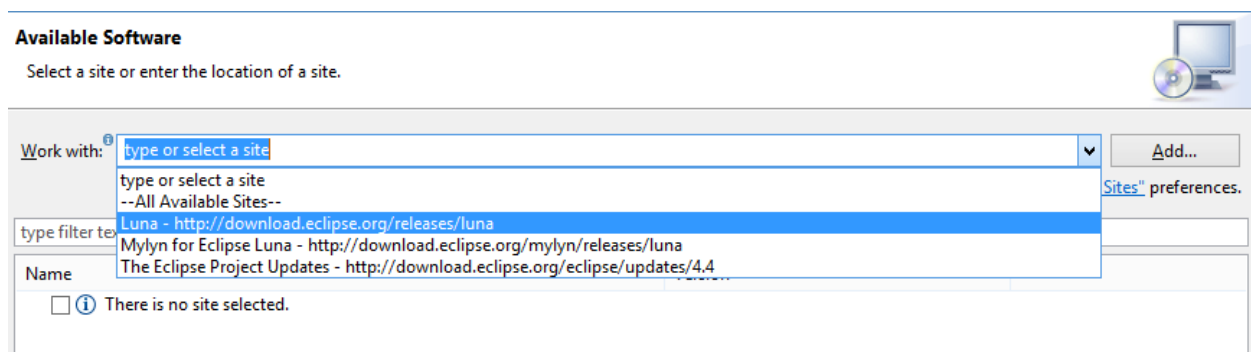




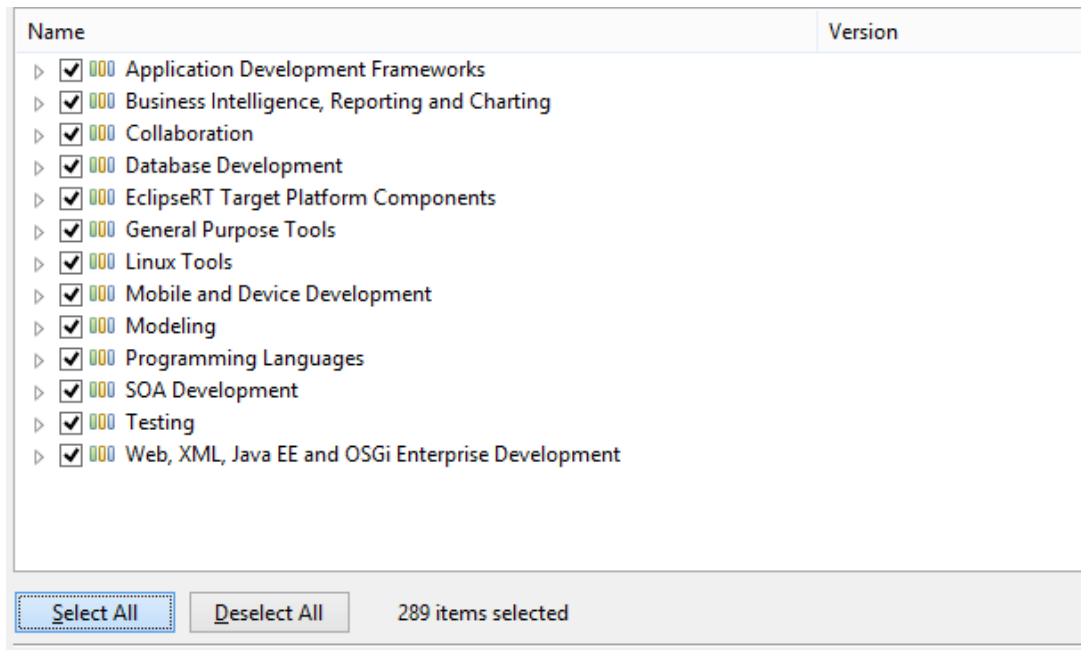
2. Dodati repozitorij koristeći dugme *Add*, u slučaju da nije dodan sa Eclipse paketima. Za preuzetu verziju Eclipse-a *Luna* odgovarajuća lokacija je:

<http://download.eclipse.org/releases/luna>

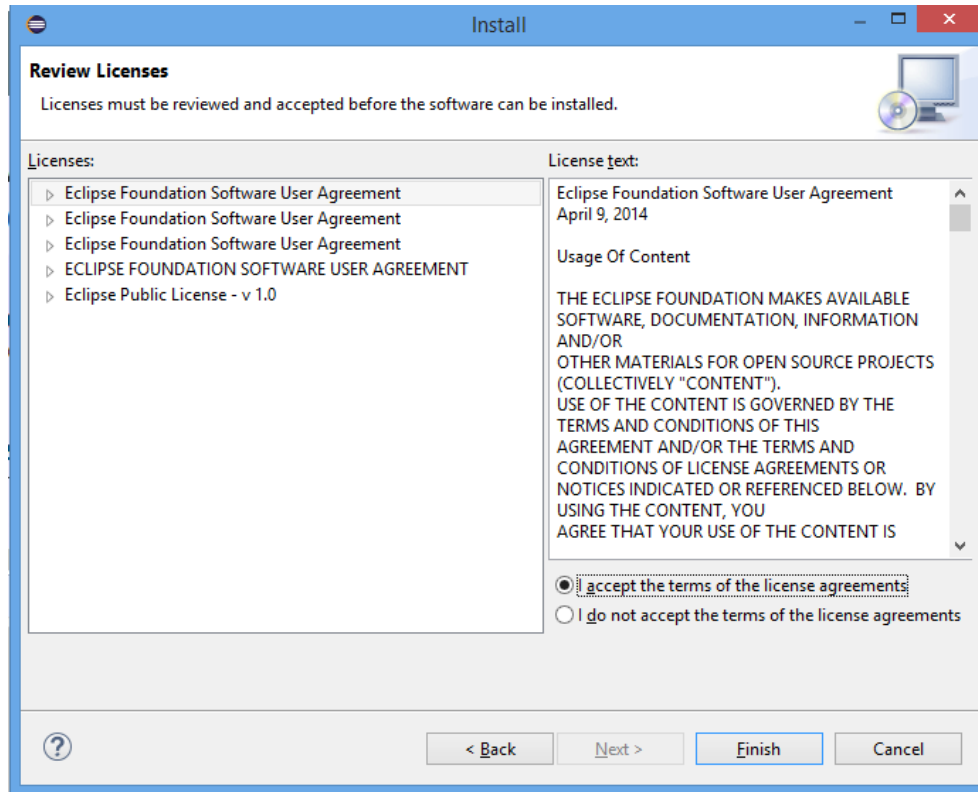
Ako je već dodan repozitorij, odabrati ga u combobox-u '*Work with*':



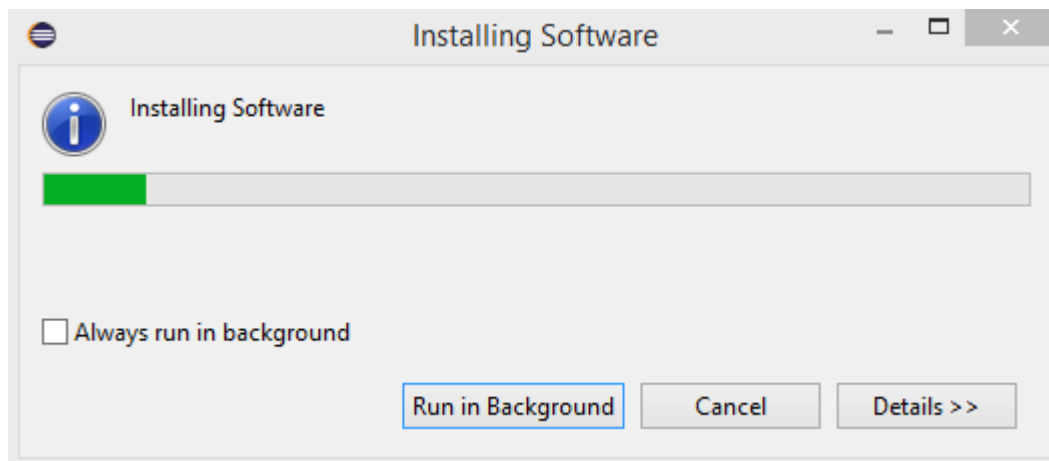
3. Selektujemo sve pakete i pređemo na sljedeći korak klikom na *Next*:



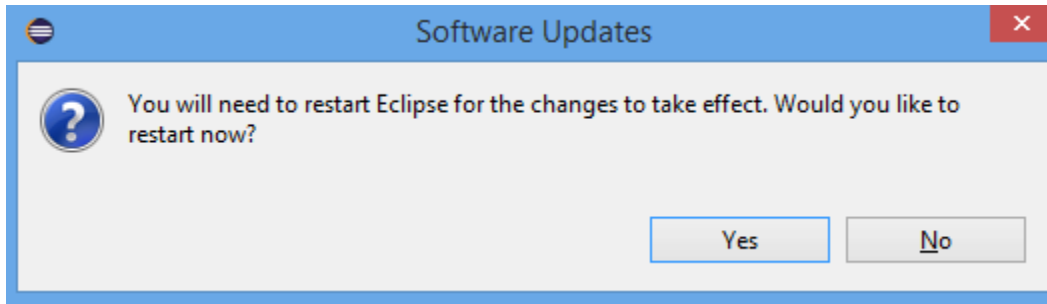
4. Instalacija paketa će potrajati nekoliko minuta, nakon toga pojavljuje se sljedeći prozor. Trebamo odabrati *I accept the terms of the licence agreements* te završiti instalaciju paketa klikom na dugme *Finish*:



5. Nakon toga se pokreće instalacija plugina:



6. Potrebno je restartovati Eclipse nakon završetka instalacije:



## 4. Instalacija MySql Community servera

1. Otvorimo link za preuzimanje: <http://dev.mysql.com/downloads/mysql/>
2. Odabrali .zip fajl ili MySQL Installer MSI za instalaciju

# MySQL Installer 5.6 for Windows

**All MySQL Products. For All Windows Platforms.  
In One Package.**

Starting with MySQL 5.6 the MySQL Installer package replaces the server-only MSI packages.

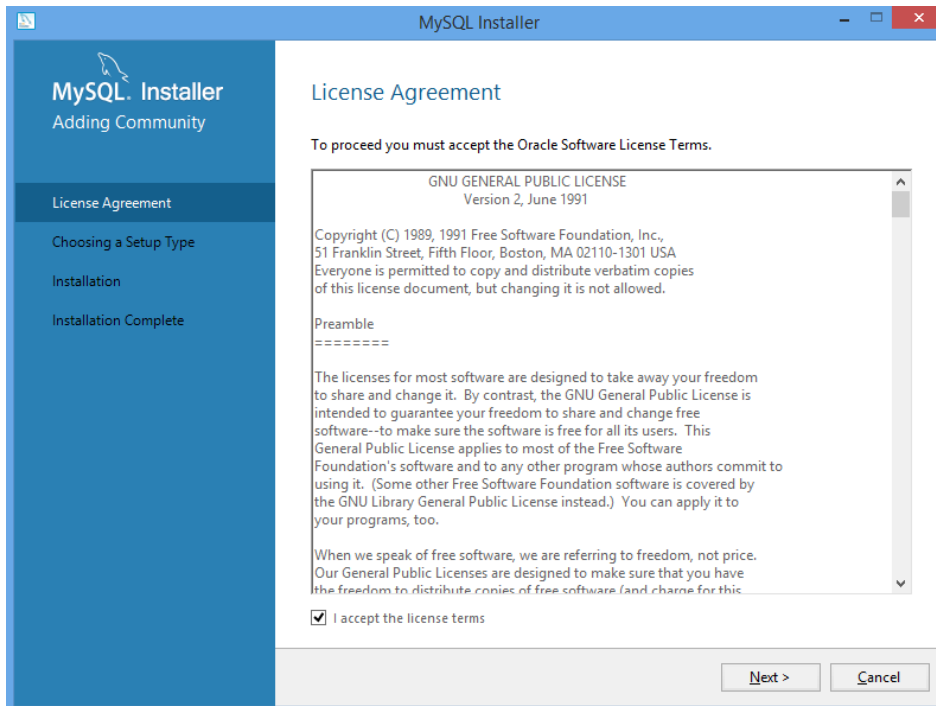
**Windows (x86, 64-bit), MySQL Installer MSI**

**Download**

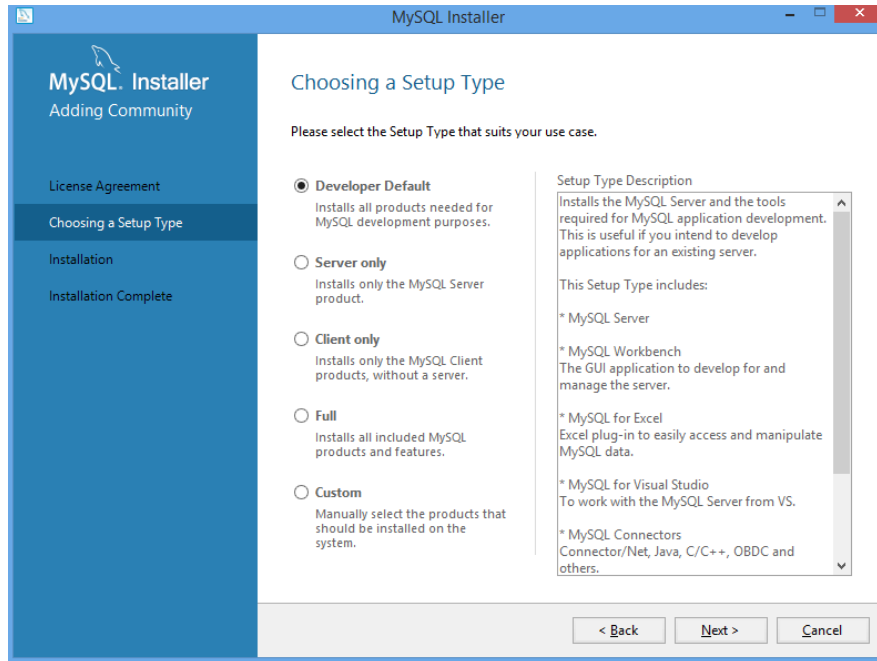
**Other Downloads:**

<b>Windows (x86, 32-bit), ZIP Archive</b>	5.6.24	343.6M	<b>Download</b>
(mysql-5.6.24-win32.zip)	MD5: 2b7fd9f9b236e1ec1653d3575fc1cd46   <a href="#">Signature</a>		
<b>Windows (x86, 64-bit), ZIP Archive</b>	5.6.24	349.1M	<b>Download</b>
(mysql-5.6.24-winx64.zip)	MD5: 8d864c8a90c6d7b2ede48a74ac66dbf3   <a href="#">Signature</a>		

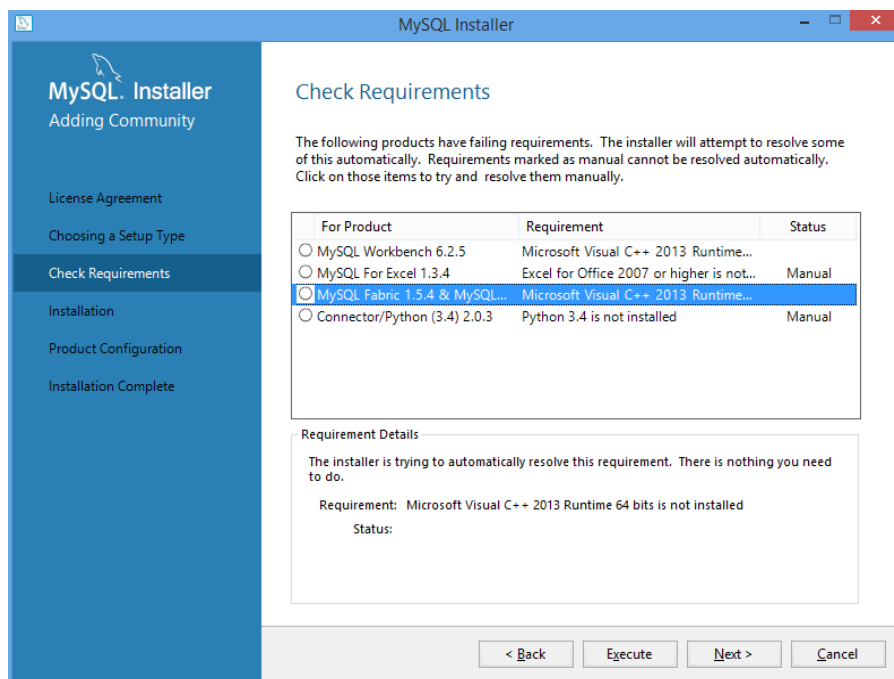
3. Prihvatiti uvjete licence i preći na sljedeći korak:



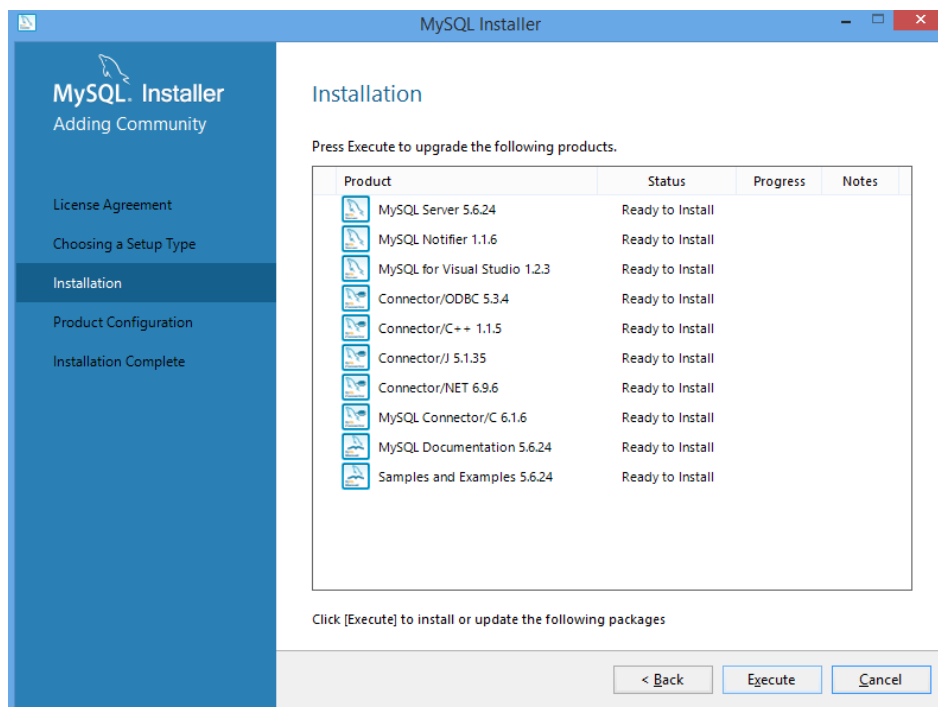
4. Zatim je potrebno odabrati tip podešavanja. Odabrat ćemo *Developer Default*



5. Došli smo do provjere zahtjeva. MySQL Installer nam izlistava programe koje je potrebno instalirati. Neki od njih će biti automatski instalirani, dok je neke potrebno ručno instalirati i podesiti (poput *Excel*-a i *Phyton*-a)

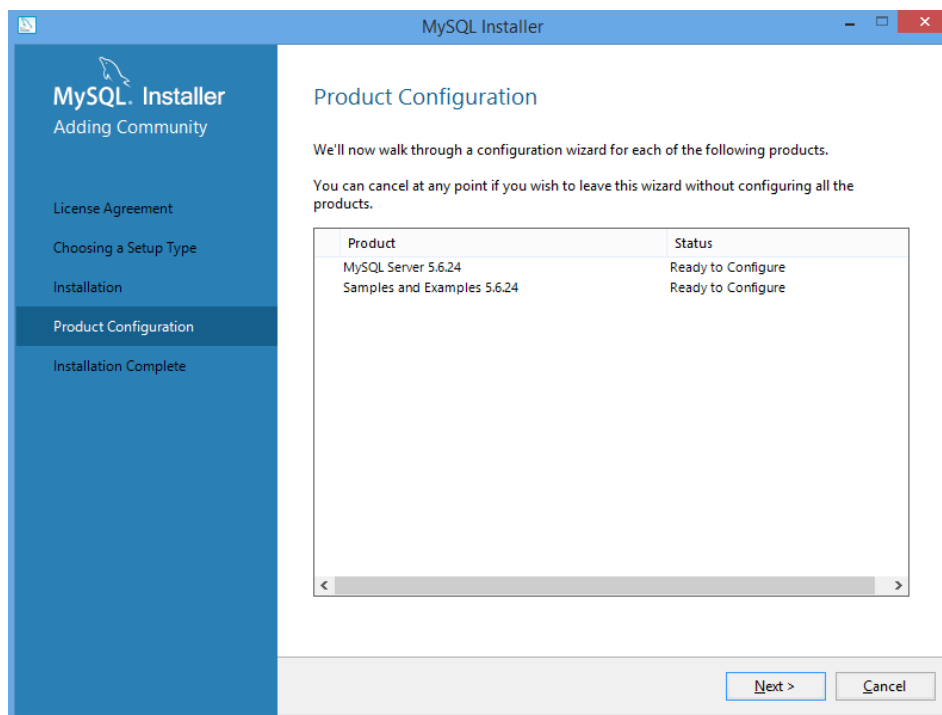


6. Nakon toga dolazimo do instalacije. Potrebno je pritisnuti dugme *Execute* radi nadogradnje izlistanih produkata:

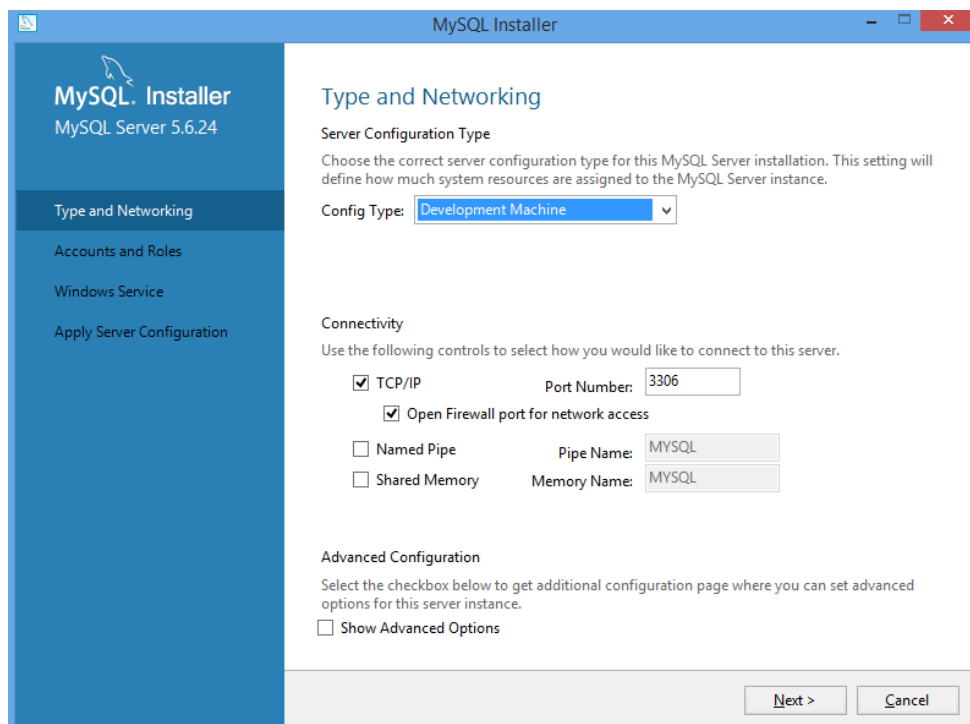


7. Sljedeći korak je konfiguracija proizvoda. Kliknemo *Next* za prelazak na sljedeći korak:

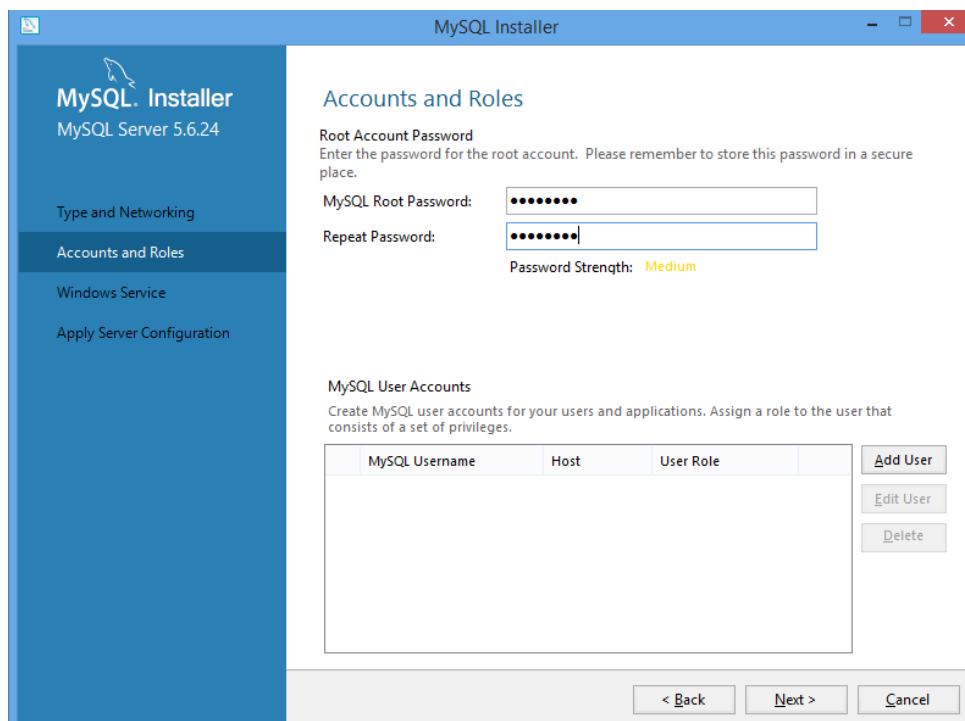




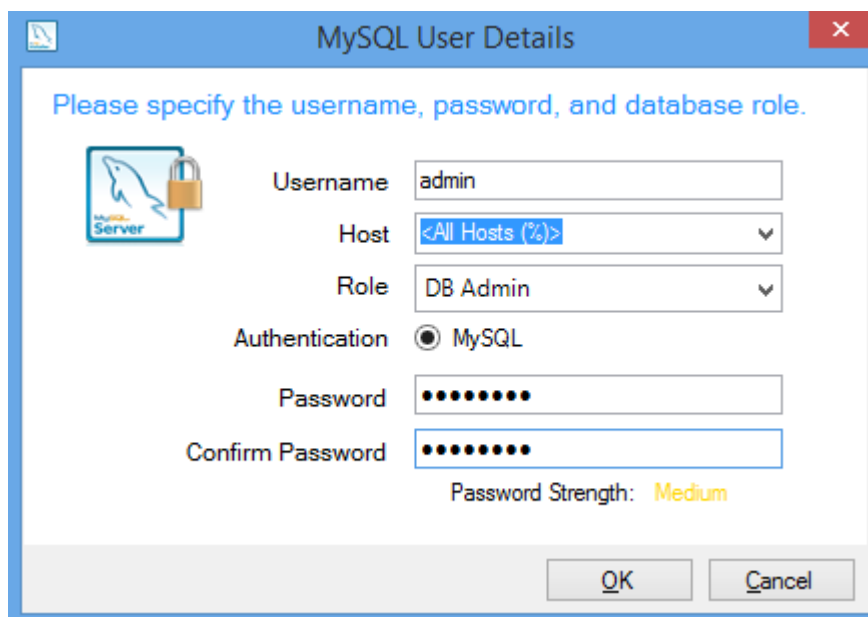
8. Podesimo opcije postavljene kao na slici:



9. Unesemo root password (1DvaTri! u ovom slučaju)




10. Nakon toga kliknemo na *Add User*, kako bismo dodali novog korisnika, te popunimo odgovarajuća polja kao na slici (Username: admin, Password:1DvaTri!)



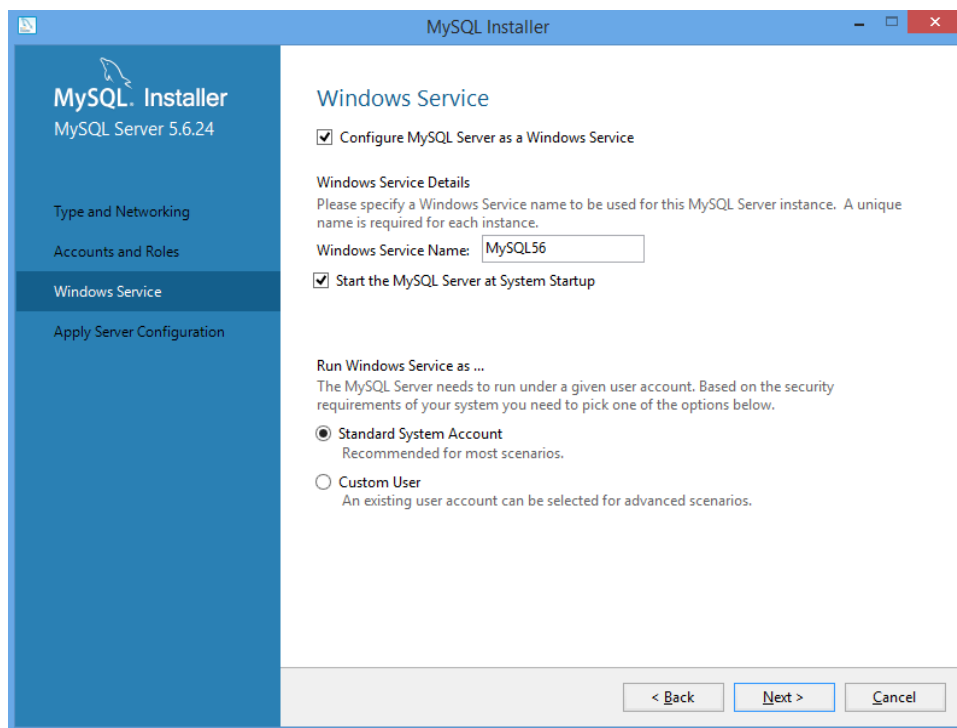
**11.** Nakon toga se prikaže prozor kao na slici. Pritisnemo *Next* za prelazak na sljedeći korak:

**MySQL User Accounts**  
Create MySQL user accounts for your users and applications. Assign a role to the user that consists of a set of privileges.

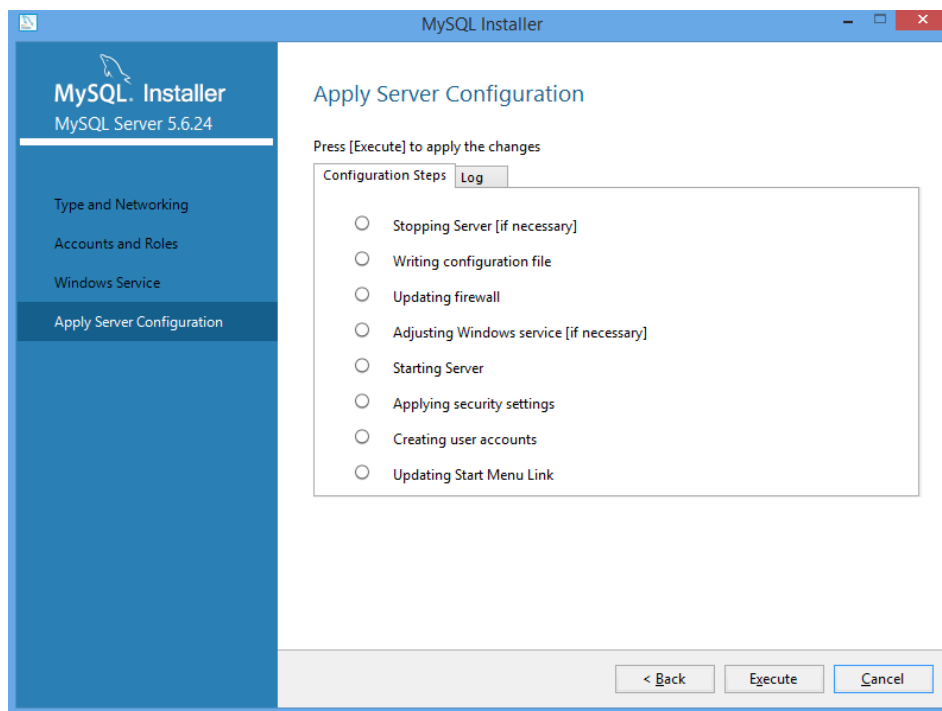
	MySQL Username	Host	User Role	
	admin	%	DB Admin	<a href="#">Add Use</a> <a href="#">Edit Use</a> <a href="#">Delete</a>

< Back   Next >   Cancel

**12.** Na prikazanom prozoru odabrat ćemo opciju *Standard System Account*:

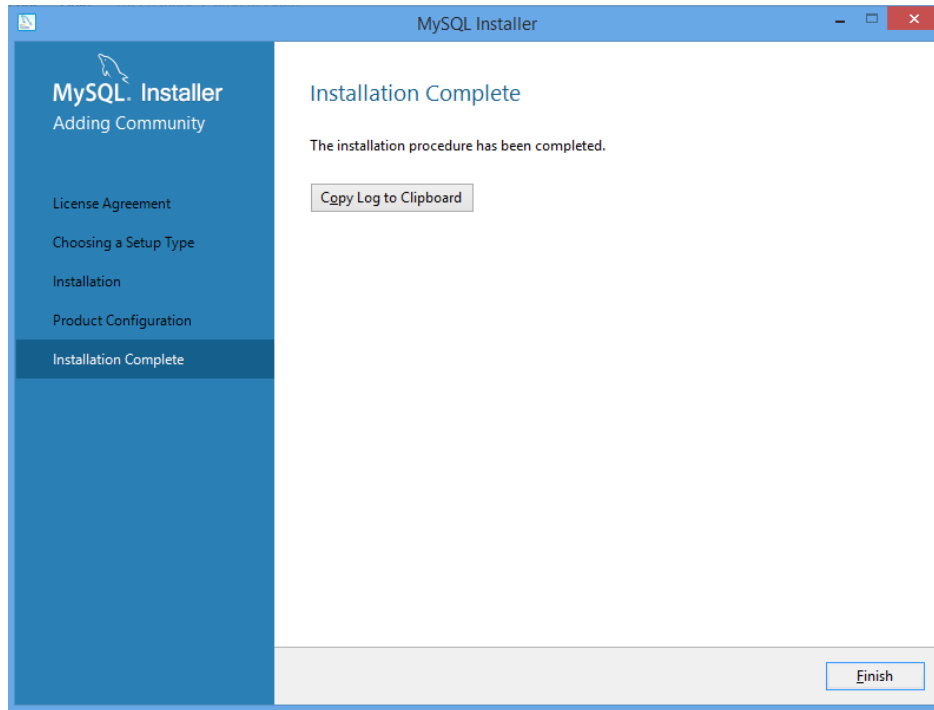


**13.** Nakon toga slijedi konfiguracija klikom na *Execute*



14. Slične korake ponovimo i za konfiguraciju *Samples and Examples 5.6.24*.

15. Nakon toga završimo instalaciju klikom na *Finish*.



## 5. Apache Maven

### 5.1. Instalacija Apache Maven-a

Za instalaciju Apache Maven pratiti sljedeće korake:

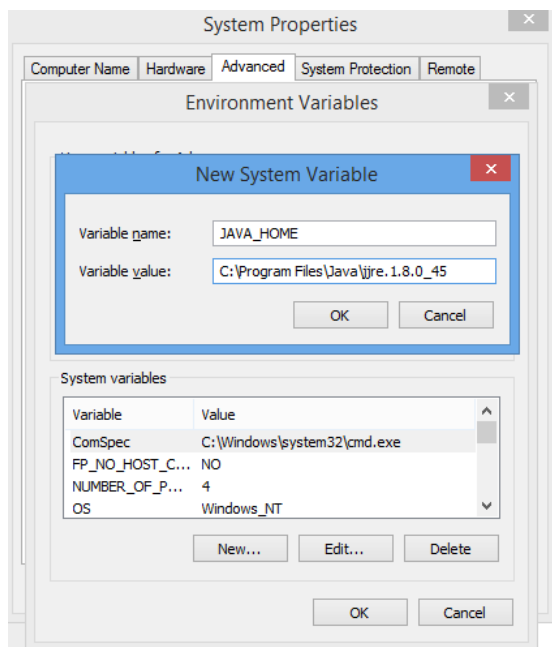
1. Otvoriti link za preuzimanje: <http://maven.apache.org/download.cgi>
2. Odabrati Maven 3.3.3 (Binary zip)

	Link
Maven 3.3.3 (Binary tar.gz)	<a href="#">apache-maven-3.3.3-bin.tar.gz</a>
Maven 3.3.3 (Binary zip)	<a href="#">apache-maven-3.3.3-bin.zip</a>
Maven 3.3.3 (Source tar.gz)	<a href="#">apache-maven-3.3.3-src.tar.gz</a>
Maven 3.3.3 (Source zip)	<a href="#">apache-maven-3.3.3-src.zip</a>
Release Notes	<a href="#">3.3.3</a>
Release Reference Documentation	<a href="#">3.3.3</a>

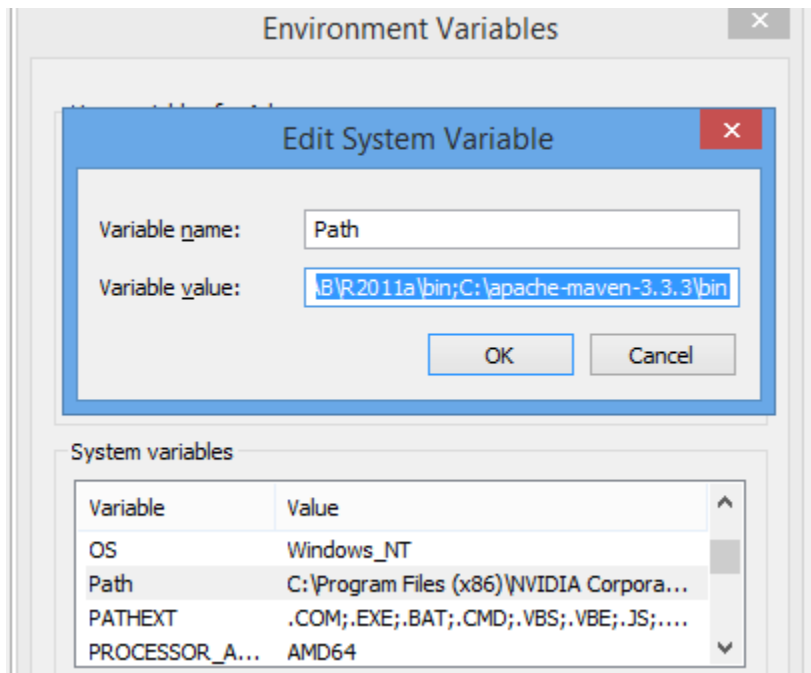
3. Definirati JAVA\_HOME sistemsku varijablu na lokaciju gdje je instaliran JDK. Za Windows je to u Control Panel -> System -> Advanced System Settings -> Advanced -> Environment Variables. U dijelu System Variables kliknemo na New. U polje Variable Name stavljamo JAVA\_HOME, a u Variable Value npr. C:\Program Files\Java\jre.1.8.0\_45, odnosno lokaciju



gdje je instaliran Java JDK.



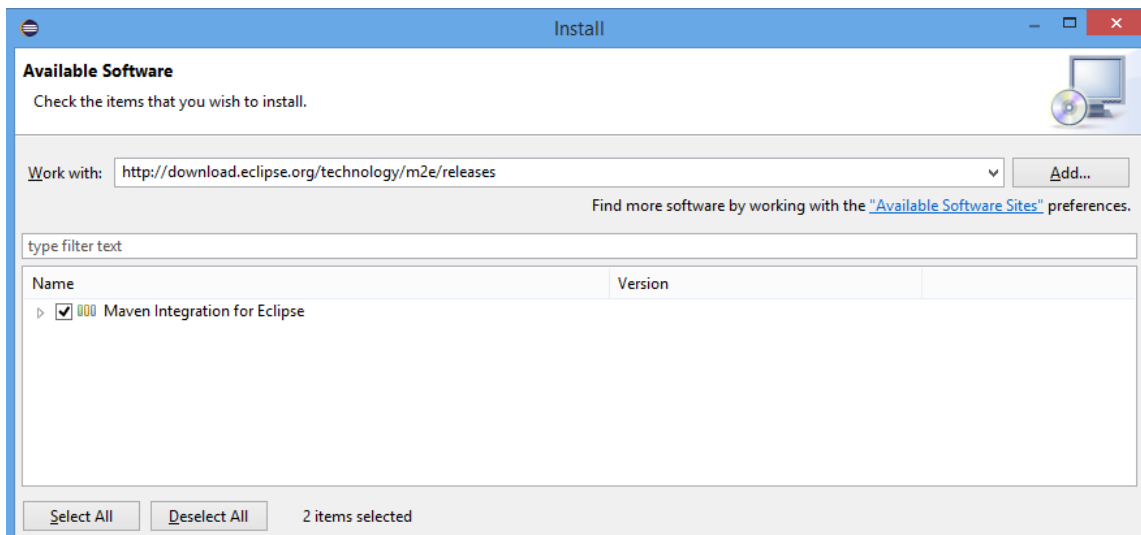
4. Na istom mjestu u varijablu Path dodati putanju bin direktorija od Maven-a. Na kraj Path-a dodamo: ;C:\apache-maven-3.3.3\bin.



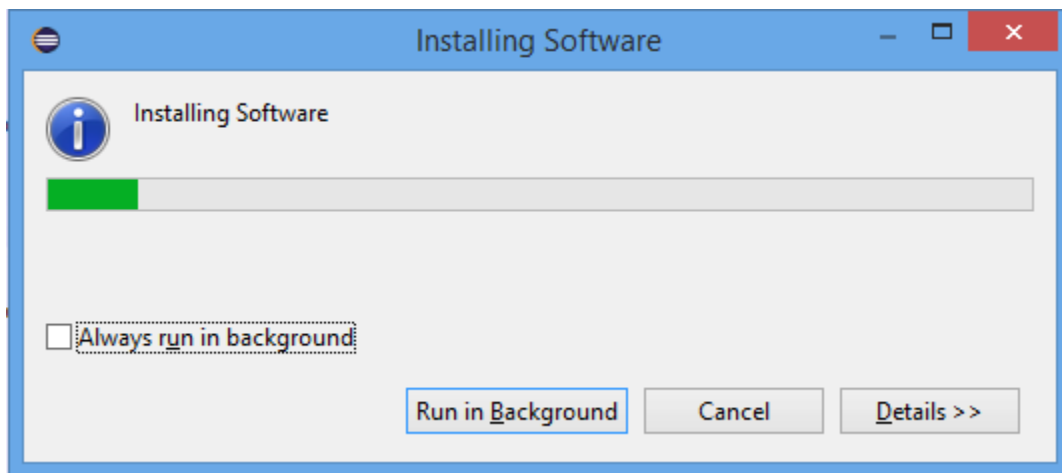
## 5.2. Instalacija Maven Plugin-a

1. Pokrenuti Eclipse i otići na Help->Install New Software.

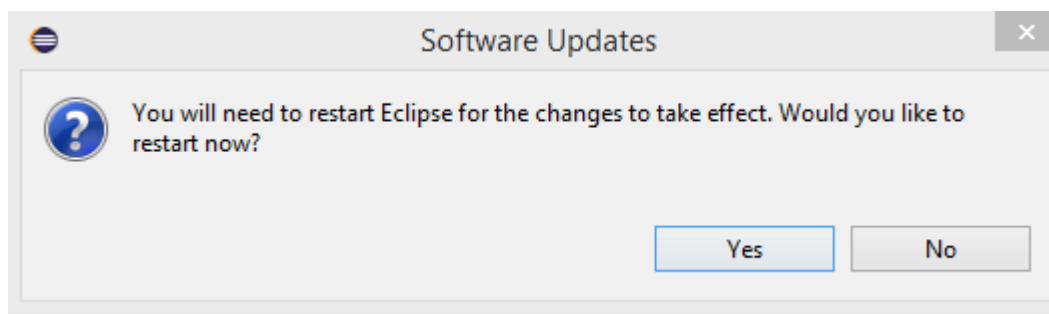
2. U polje "Work with" dodati <http://download.eclipse.org/technology/m2e/releases>



3. Izabrati *Maven Integration for Eclipse* i pokrenuti instalaciju.



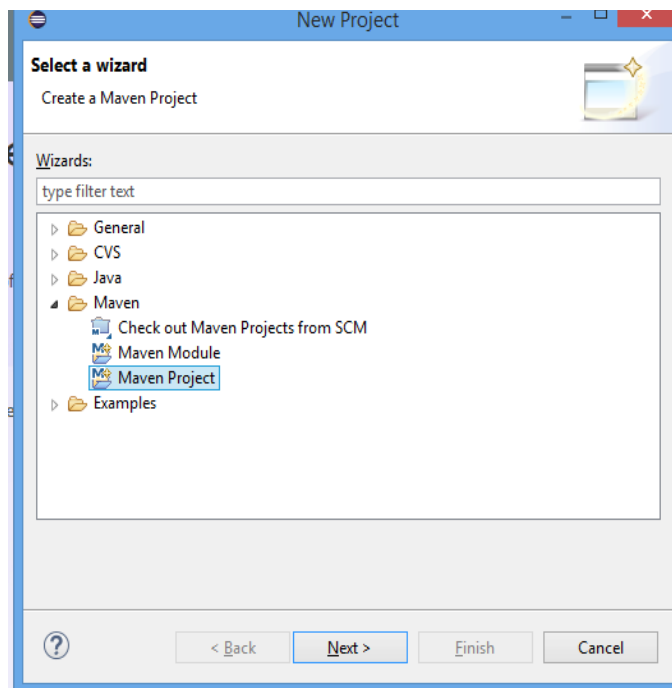
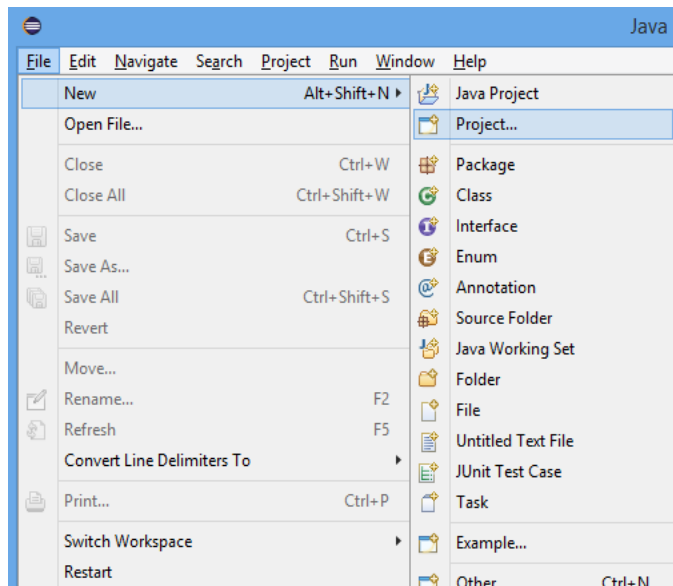
4. Na kraju je potrebno restartovati Eclipse



### 5.3. Kreiranje Maven projekta

Maven projekat kreiramo u Eclipse na sljedeći način:

# 1. Izabrati File->New->Project->Maven Project



2. Odabrati *Use default Workspace location*:

**New Maven project**  
Select project name and location

☐ Create a simple project (skip archetype selection)

☒ Use default Workspace location

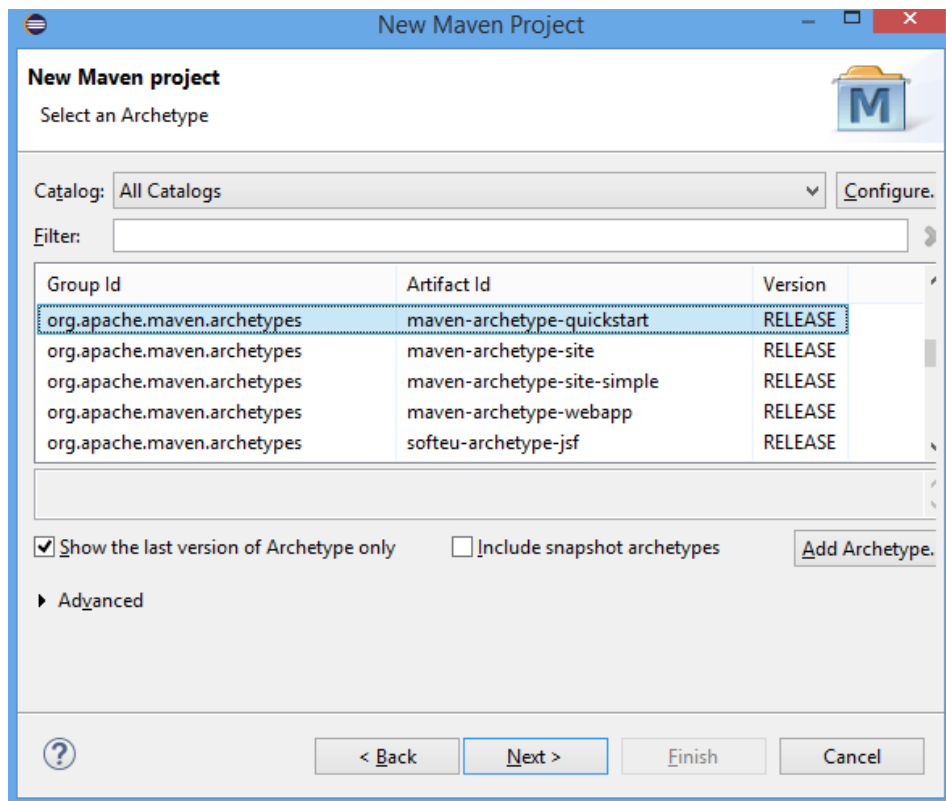
Location:

☐ Add project(s) to working set

Working set:

► Advanced

3. Odabрати *maven-archetype-quickstart*:



4. U polje *Group Id* unesemo 'ba.unsa.etf.si.app', a u polje *Artifact Id* unesemo 'aplikacija-za-restoran':

**New Maven Project**

Specify Archetype parameters

Group Id:

Artifact Id:

Version:

Package:

Properties available from archetype:

Name	Value

5. Odabrati Finish. Na taj način je završeno kreiranje Maven projekta.