

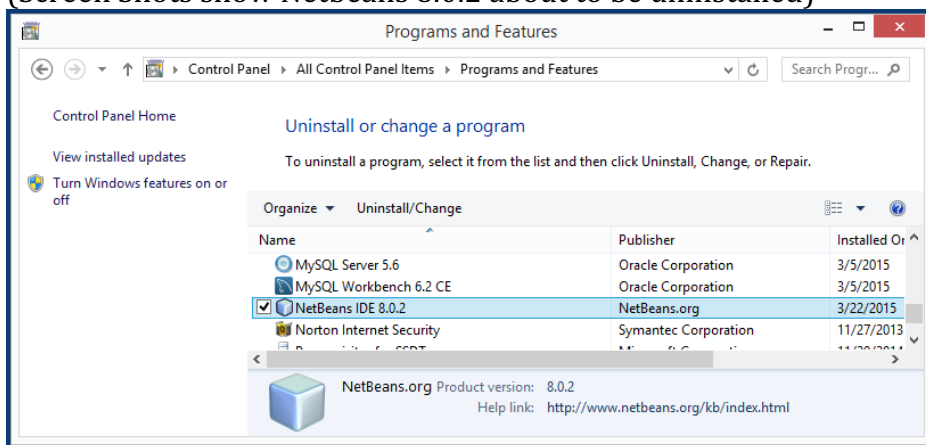
Netbeans IDE (Java EE) Installation with Tomcat

Step 1: Uninstall Old Netbeans + Old Web server(s)

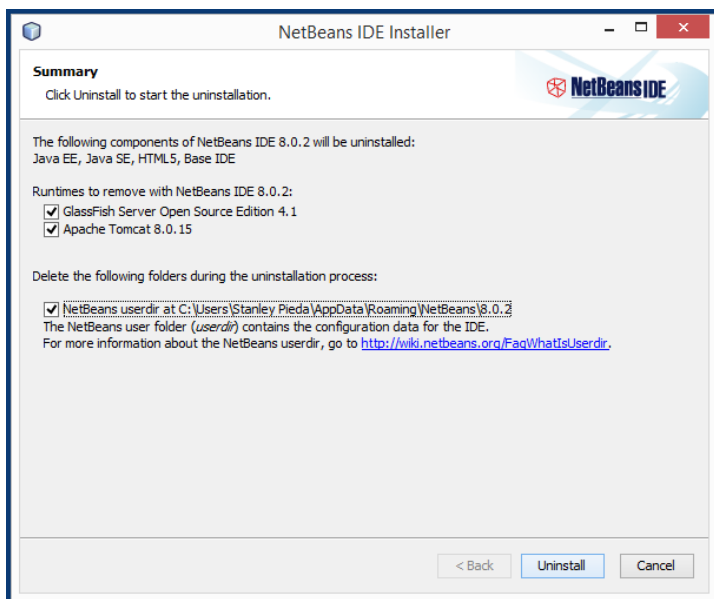
- If you have an older version of Netbeans and may or may-not have Tomcat installed it is recommended that you remove them and re-install to the latest versions:
 - Netbeans 8.2
 - Tomcat Apache Tomcat 8.0.27

Removing Netbeans:

- Backup any projects you created in Netbeans by copying them to another folder on your hard-drive
 - By default on my computer these projects are saved to:
C:\Users\Stanley Pieda\Documents\NetBeansProjects
- Use the Windows Control Panel – Programs and Features Tool to uninstall Netbeans
- Also uninstall Glassfish and Tomcat if you are given the option by the Netbeans uninstaller (Screen Shots show Netbeans 8.0.2 about to be uninstalled)



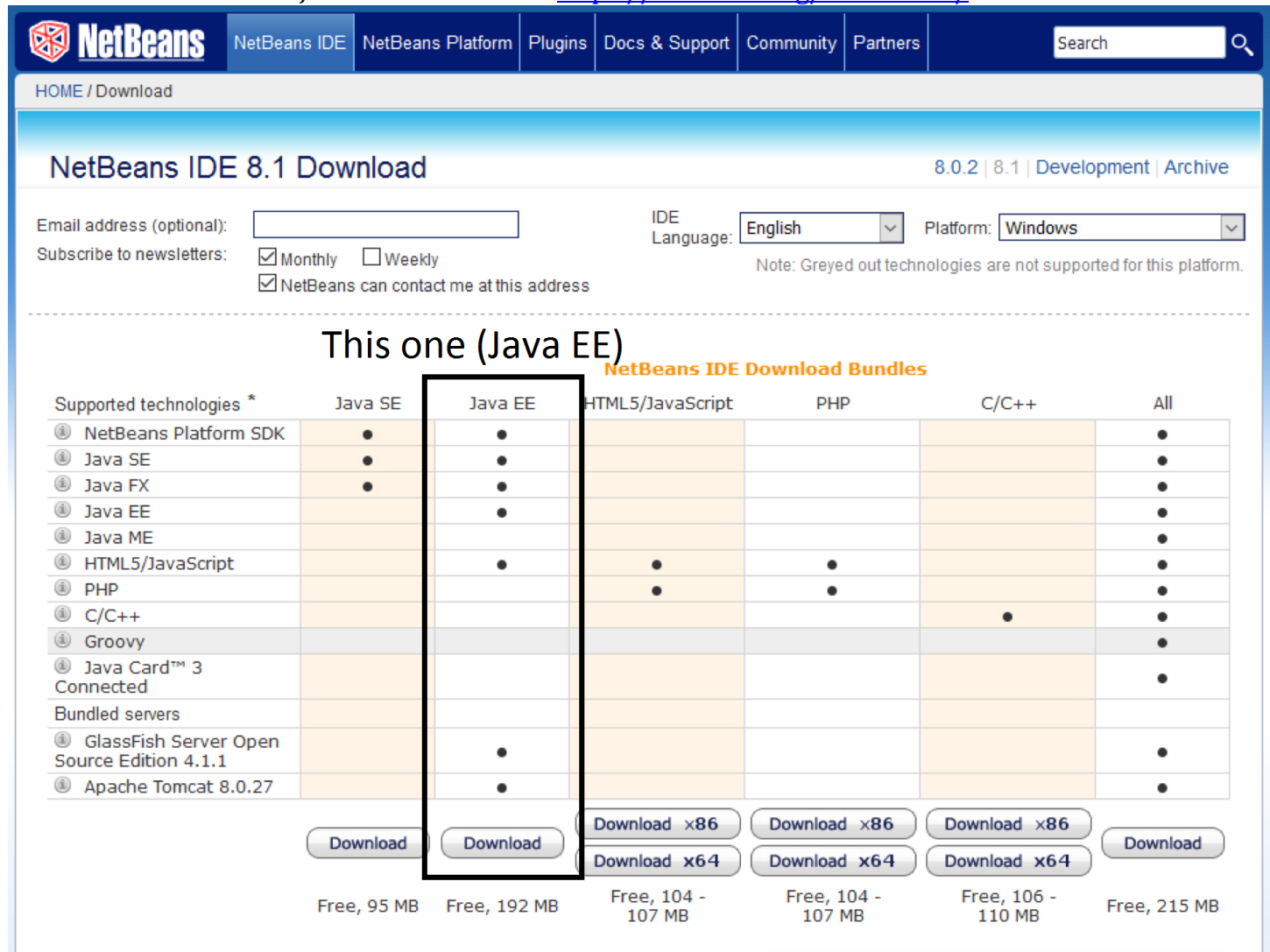
- Right-Click to select **Uninstall/Change** which will launch the installer:



- Place check marks, click Uninstall
- Reboot your computer whether you are asked to or not.

Step 2: Download and Install NetBeans 8.2

- Download NetBeans Java EE Bundle from: <https://netbeans.org/downloads/>



NetBeans IDE 8.1 Download

8.0.2 | 8.1 | Development | Archive

Email address (optional):

Subscribe to newsletters: ☒ Monthly ☐ Weekly

☒ NetBeans can contact me at this address

IDE Language: Platform:

Note: Greyed out technologies are not supported for this platform.

This one (Java EE)

NetBeans IDE Download Bundles

Supported technologies *	Java SE	Java EE	HTML5/JavaScript	PHP	C/C++	All
NetBeans Platform SDK	•	•				•
Java SE	•	•				•
Java FX	•	•				•
Java EE		•				•
Java ME						•
HTML5/JavaScript		•	•	•		•
PHP			•	•		•
C/C++					•	•
Groovy						•
Java Card™ 3 Connected						•
Bundled servers						
GlassFish Server Open Source Edition 4.1.1		•				•
Apache Tomcat 8.0.27		•				•

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Free, 95 MB Free, 192 MB Free, 104 - 107 MB Free, 104 - 107 MB Free, 106 - 110 MB Free, 215 MB

Installation Instructions:

Also See: <https://netbeans.org/community/releases/82/install.html>

- Use default settings:
 - Make sure you select to install **Apache Tomcat 8.0.27**
 - Use defaults for installation folders of IDE, Glassfish (if selected), and Tomcat
 - Also check for updates when given the option

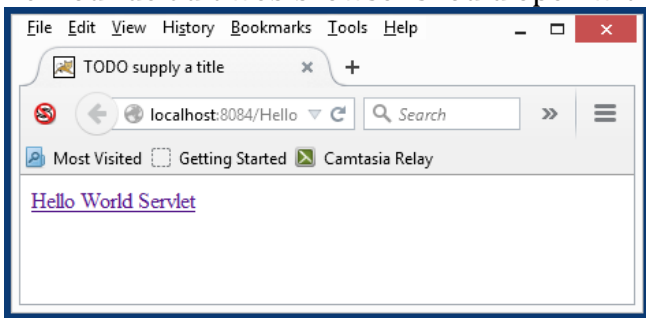
Optional: Program "Hello World" (yet again...)

(See Next Page)

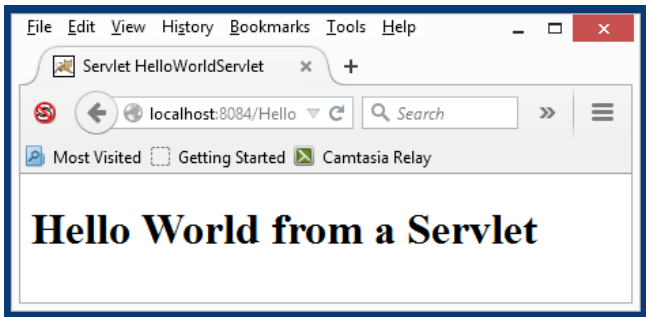
Optional: Program "Hello World" (yet again...)

Program a Hello World Servlet to see if Apache Tomcat and Netbeans are working

1. Start Netbeans
2. File → New Project → [Java Web] [Web Application] (Next)
3. Project Name: HelloWorldServlet (Use defaults, Next)
4. Make sure Server: [Apache Tomcat 8.0.27.0] is selected (Use other defaults, Next)
5. Ignore Frameworks offered and click Finish
6. In the index.html page that opens:
 - a. Change the title to Hello World Selection Page
 - b. Add a hyperlink inside the div element: `<div>TODO write content</div>`
 - c. i.e. `<div>Hello World Servlet</div>`
7. Right-Click on the Project Name → New → Servlet...
 - a. Class Name: HelloWorldServlet (leave the rest with defaults)(Next)
 - b. Place a check mark into "☒ Add information to deployment descriptor (web.xml)" click Finish
(Step b. is very important!)
8. When the servlet code opens replace:
`out.println("<h1>Servlet HelloWorldServlet at " + request.getContextPath() + "</h1>");`
with:
`out.println("<h1>Hello World from a Servlet</h1>");`
9. Use the large Green Arrow to run the website
10. Your default web browser should open with the Index.html



11. Click the link to run the servlet:



If something does not work:

- Don't Panic!
- Get help in lab and / or contact your lecture professor!