

**WA1901 J2EE Application Development
with Spring and Hibernate Using RAD 7.0**

Classroom Setup Guide

Web Age Solutions Inc.

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Part 1 - Minimum Hardware Requirements

- 1000 Mhz Pentium III
- 1 GB RAM minimum, 2 GB recommended
- 10 GB free on the C drive
- Network connectivity to the internet
- USB Port

Part 2 - Minimum Software Requirements

- Microsoft Windows 2000 SP4 or Windows XP (SP1 or SP2)
- Adobe Acrobat Reader 6.0
- Winzip 8
- Internet Explorer 6.0
- Mozilla Firefox 1.5 (or higher)
- Rational Application Developer V7.0 Trial*

* - indicates software provided as part of the courseware.

Part 3 - Software Provided

Name of the files containing in the memory sticks (one or more file per memory stick):

- **WA1901_1.ZIP**
- **WA1901_2.ZIP**

All other software listed under Minimum Software Requirements is either commercially licensed software that you must provide or software that is freely available off the Internet.

Part 4 - Important Ghosting or Imaging Information

Some of the software installed for this course will not function after changing the computer hostname. As such, cloning or imaging should not be used on a fully installed system.

You can save time by extracting the contents of the USB memory stick to C:\ on a clean OS install (no other software installed) and then imaging that hard drive. After restoring the image to the other computers and changing the hostnames, you can then install the software on each computer individually by following the instructions that are detailed later in this document.

Part 5 - Installation

__1. From a USB memory stick, extract the **WA1901_1.ZIP** file to **C:**

__2. From a USB memory stick, extract the **WA1901_2.ZIP** file to **C:**

__3. Review that the following folders were created:

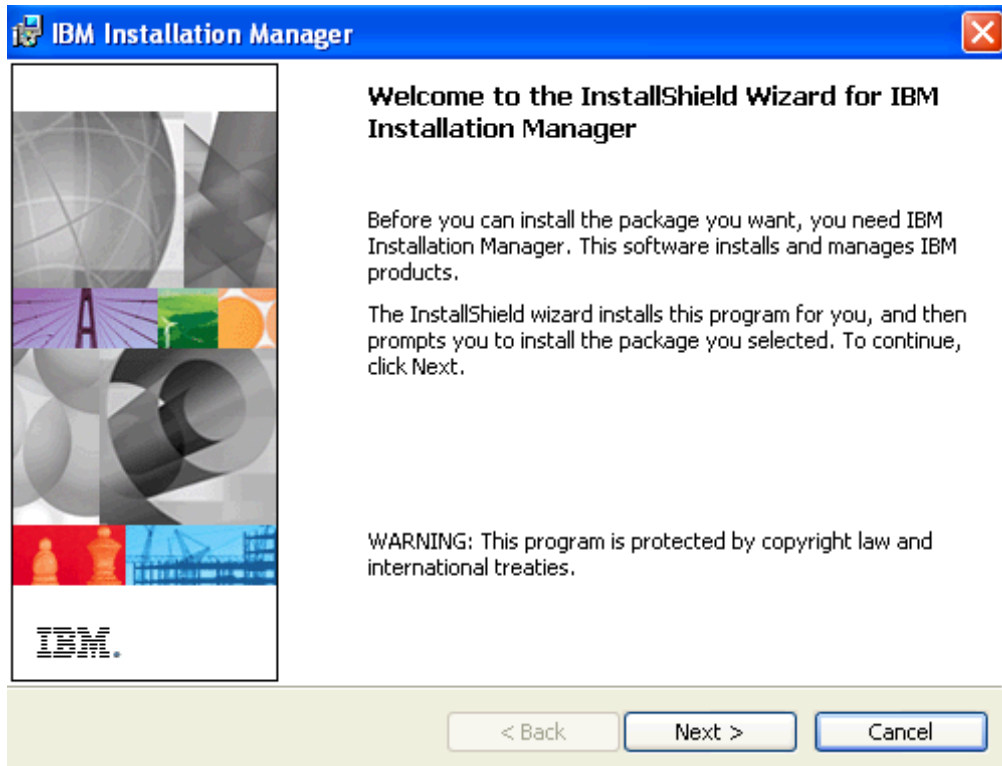
- C:\LabFiles
- C:\Software\RAD7

Part 6 - Installing Rational Application Developer v7.0 (RAD7)

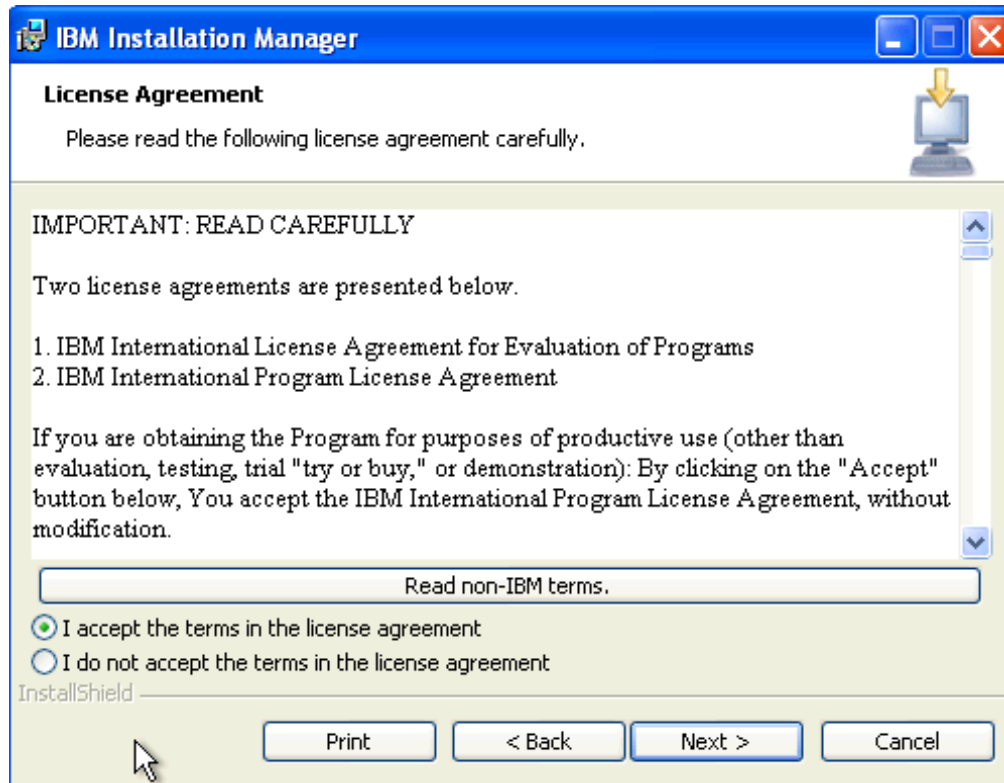
1. From **C:\Software\RAD7\disk1** run **launchpad.exe** file to start the installation.
2. The IBM Software Development Platform window will appear. Click the **Install IBM® Rational® Application Developer V7.0** link.



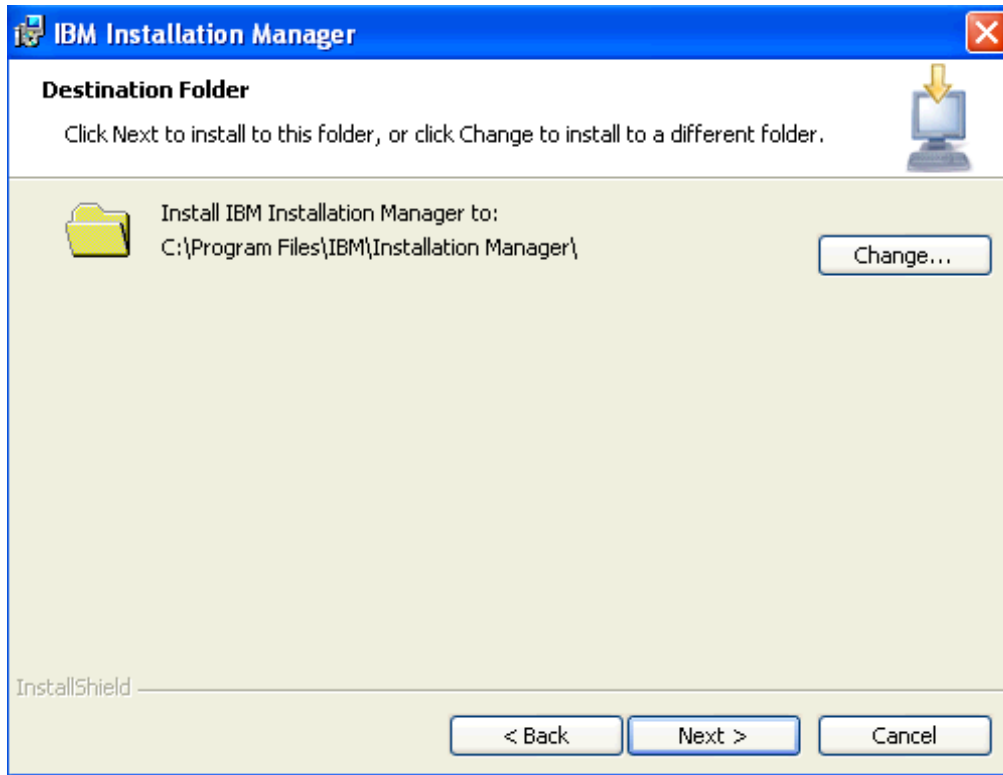
3. The **Welcome to InstallShield Wizard for IBM Installation Manager** appears. Click **Next**.



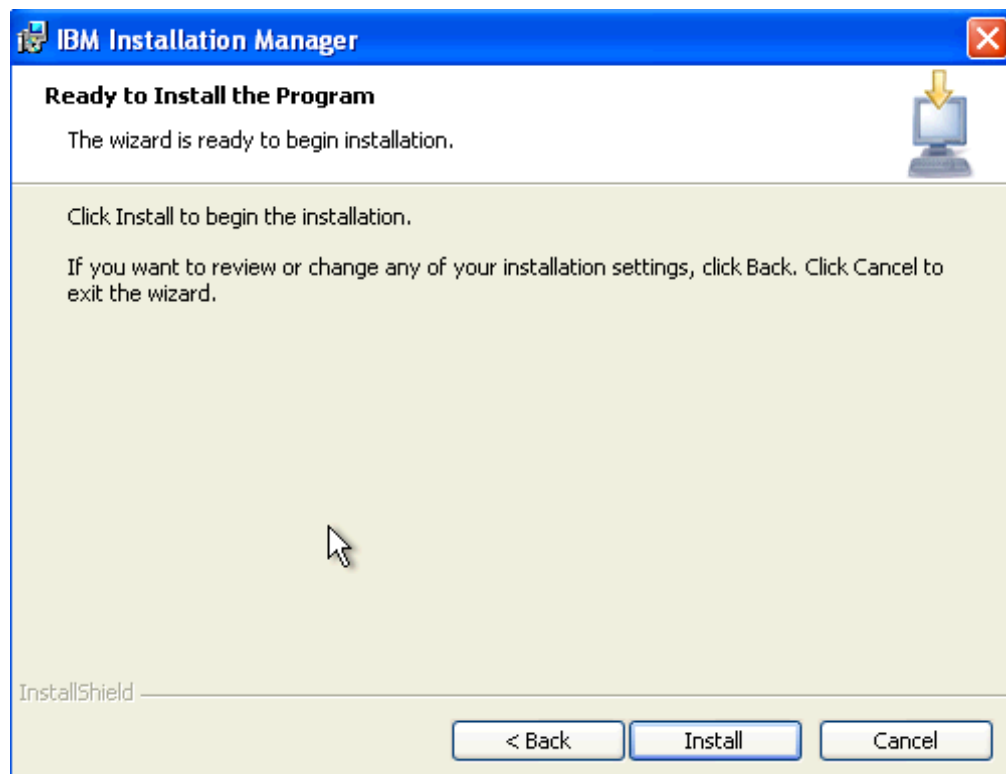
4. Accept the terms in the license agreement. Click **Next**.



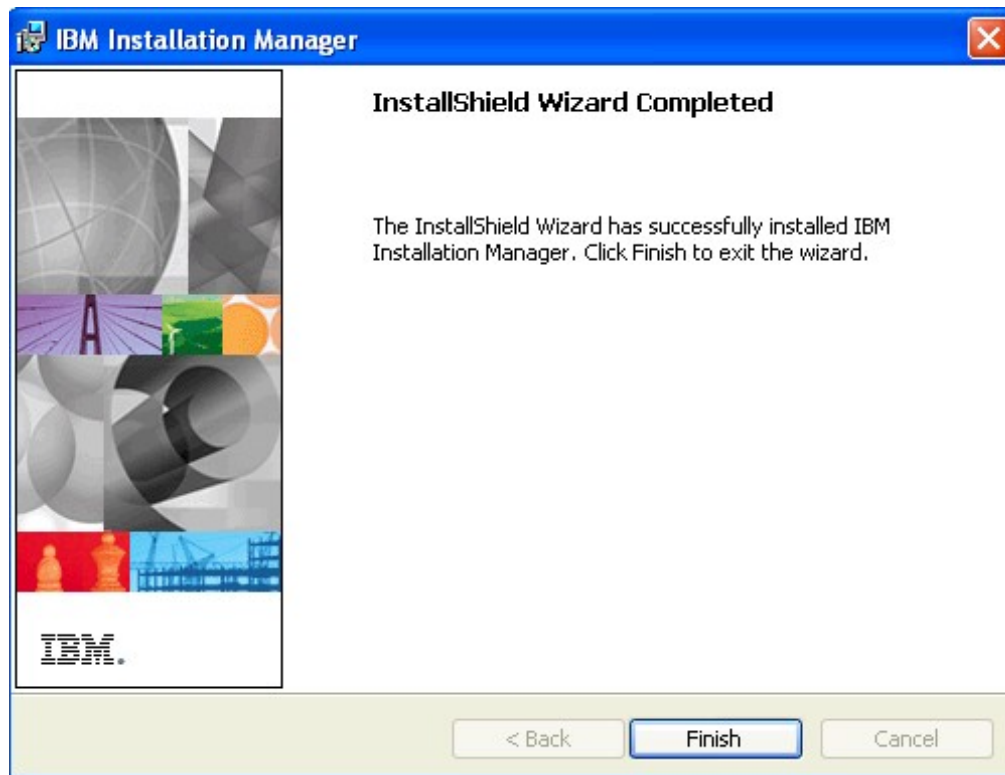
__5. Leave the default as destination folder. Click **Next**.



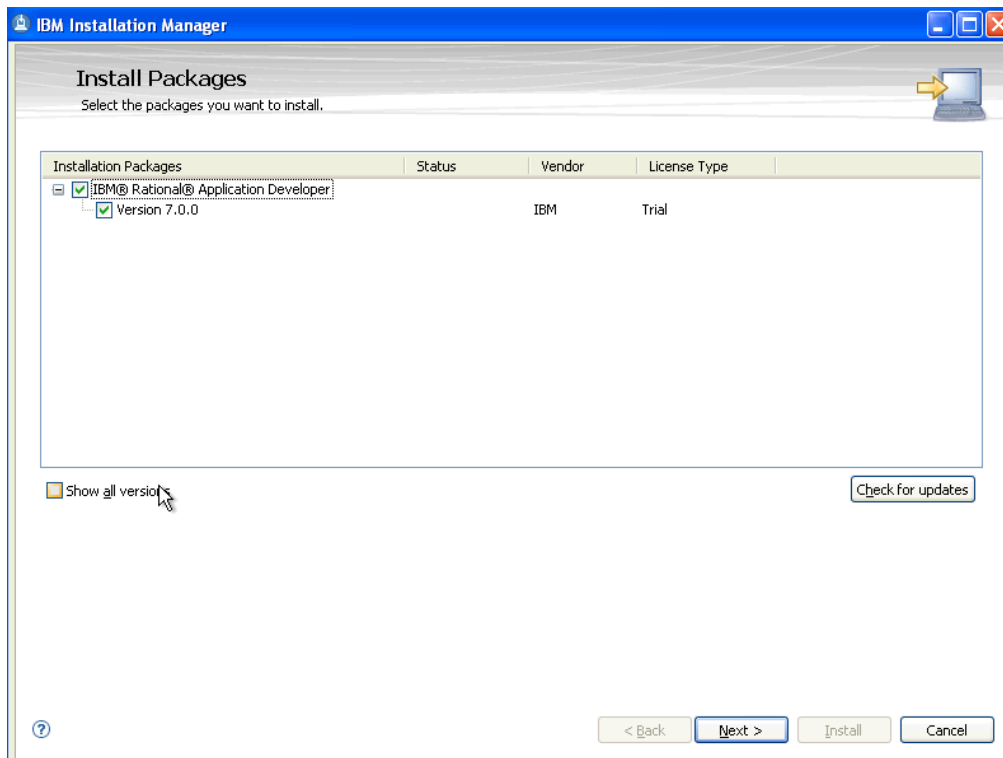
__6. Click the **Install** button to start the installation Manager.



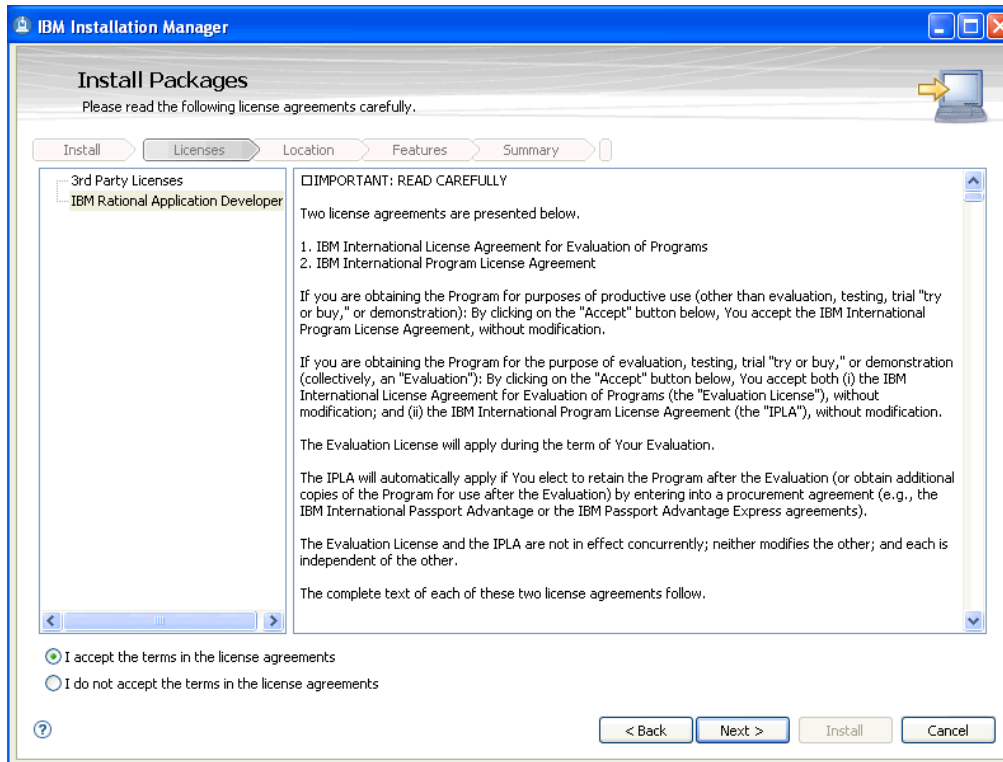
__7. When the InstallShield Wizard has done press **Finish**.



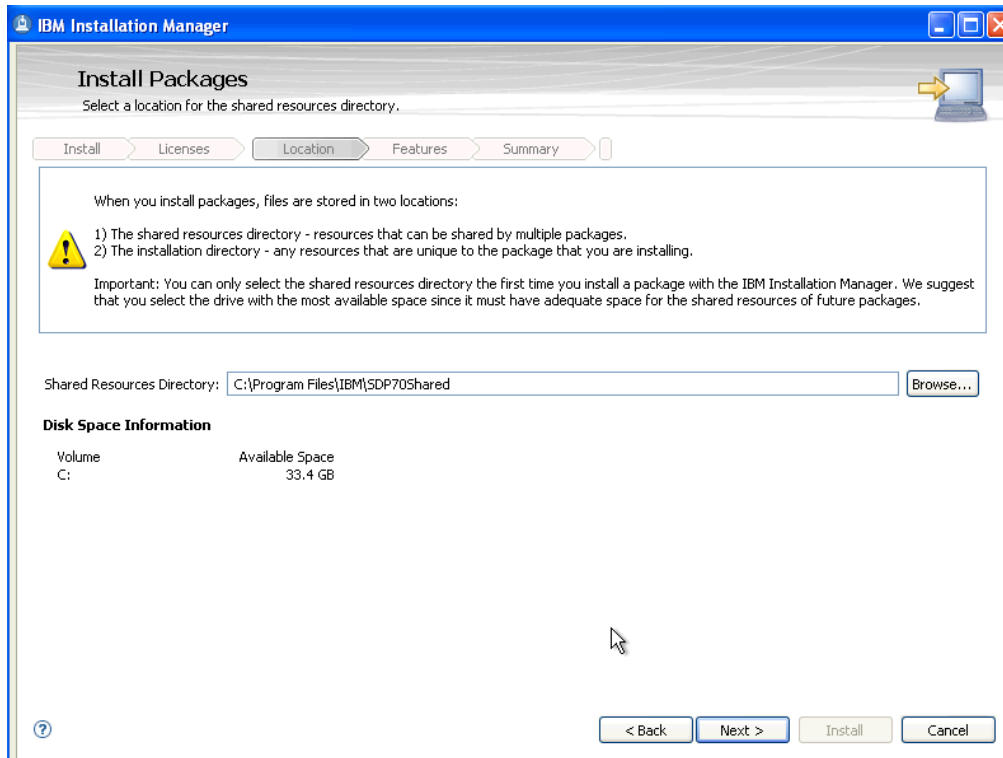
8. The Install Packages window will appear. Select **IBM Rational Application Developer** if it is not checked. Click **Next**.



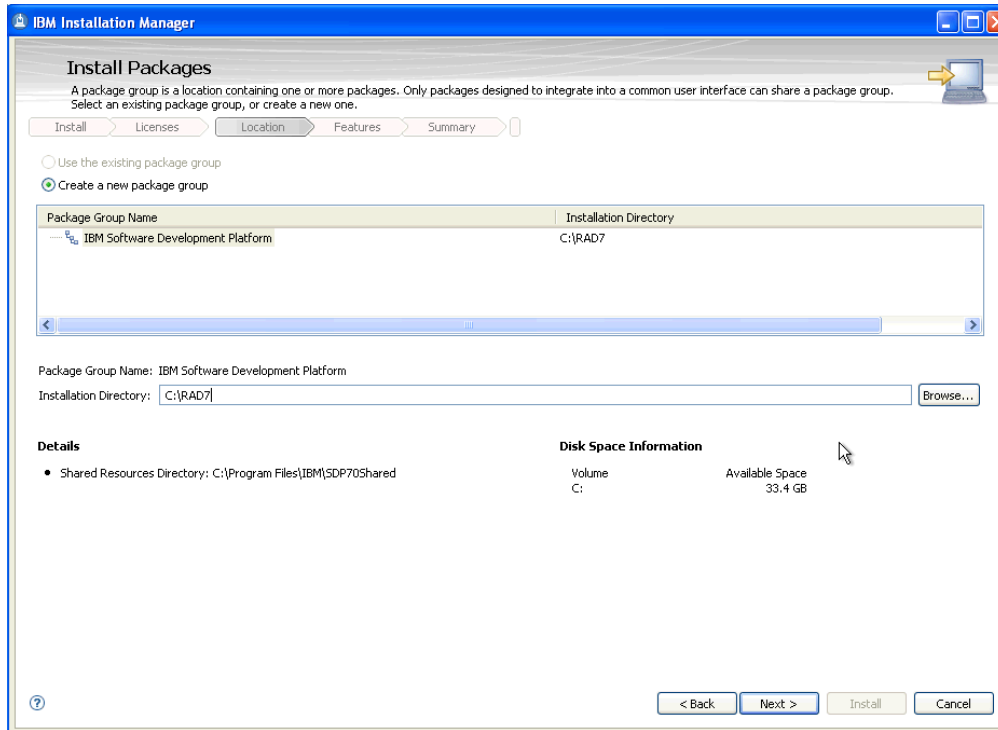
9. Accept the terms in the license agreements and Click **Next**.



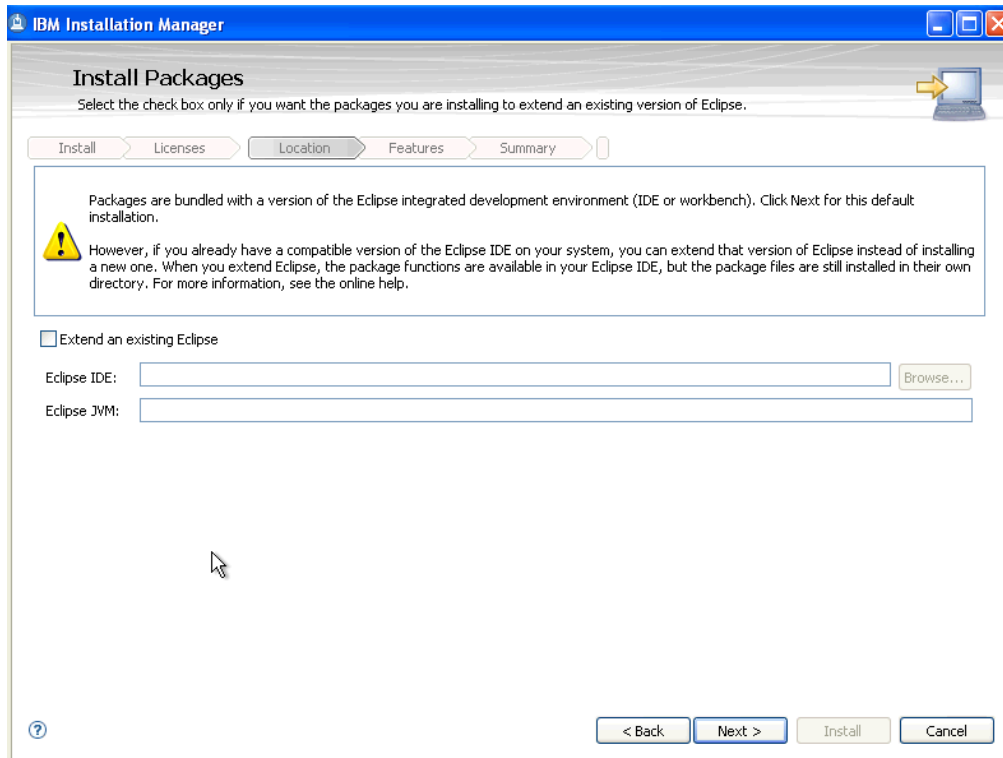
__10. Leave the default directory for Shared Resources Directory and click **Next**.



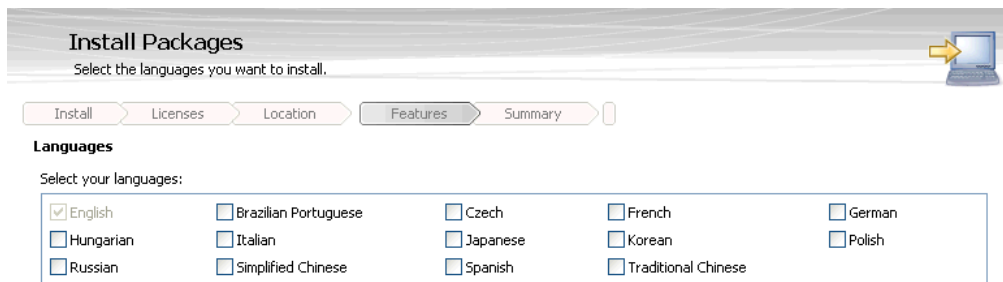
11. Change the installation Directory for IBM Software Development Platform to **C:\RAD7**. If you leave the default directory can cause errors in the Labs because the path is too long. Click **Next**.



__12. Leave unchecked the check box for extend an existing Eclipse and Click **Next**.

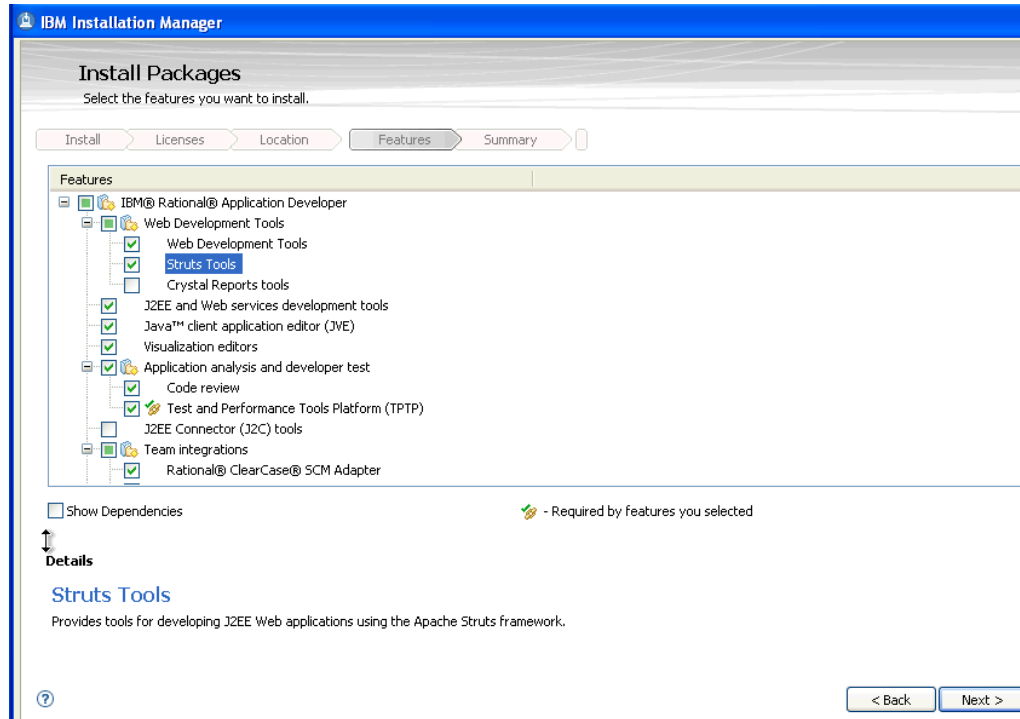


__13. In the Languages screen just click **Next**.



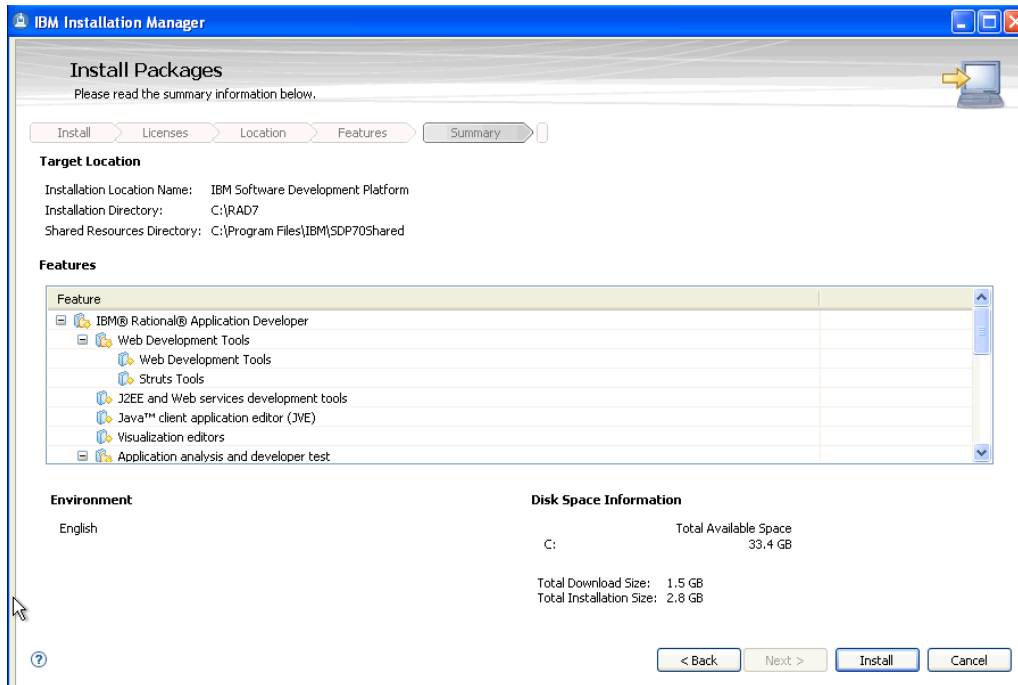
__14. Check **Struts Tools** inside Web Development Tools.

__15. Uncheck **Crystal Reports tools** inside Web Development Tools.



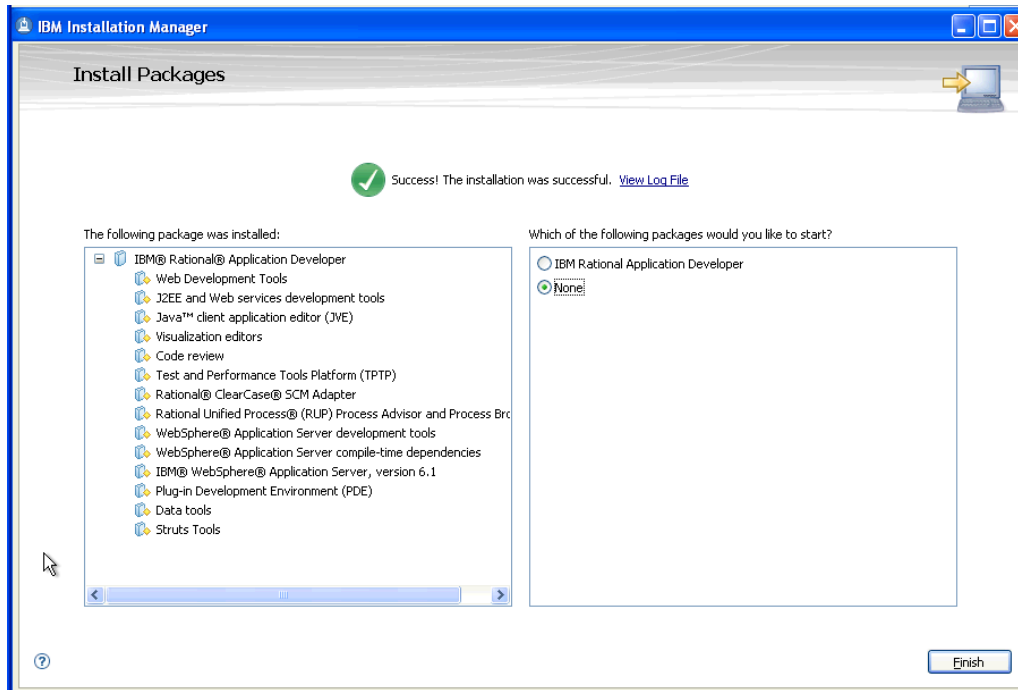
__16. Click **Next**.

__17. At the summary page review the information and click **Install**.



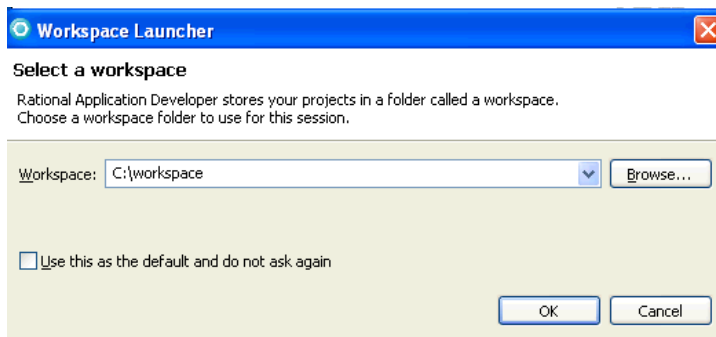
__18. Wait patiently while the program is installed.

__19. When you receive the Success message select **None** in the right panel and click **Finish**.

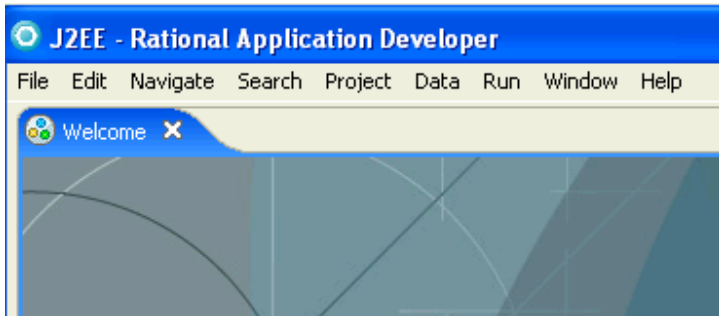


__20. Now Start RAD 7, to do this select **Start -> Programs -> IBM Software Development Platform -> IBM Rational Application Developer -> IBM Rational Application Developer**.

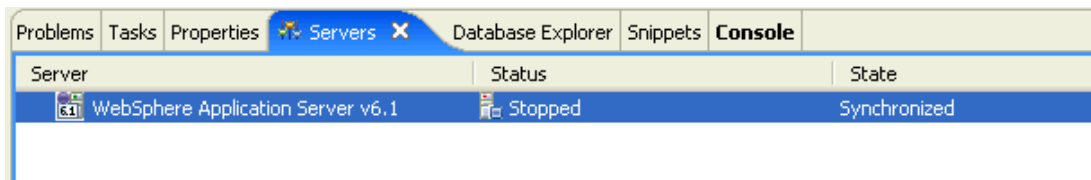
__21. In the workspace window change to **C:\workspace** and click **OK**.



__22. Close the Welcome screen.

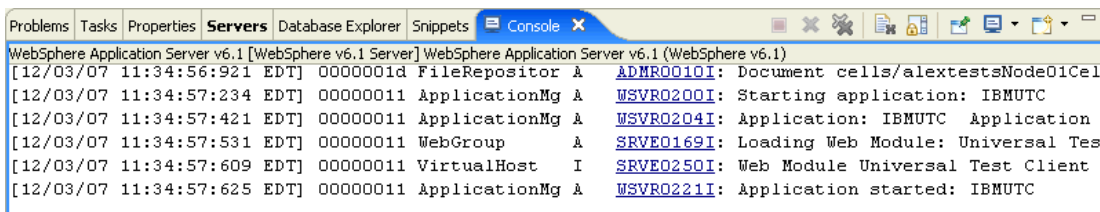


__23. Click the Servers tab at the bottom panel and wait to see the **WebSphere Application Server v6.1** there.

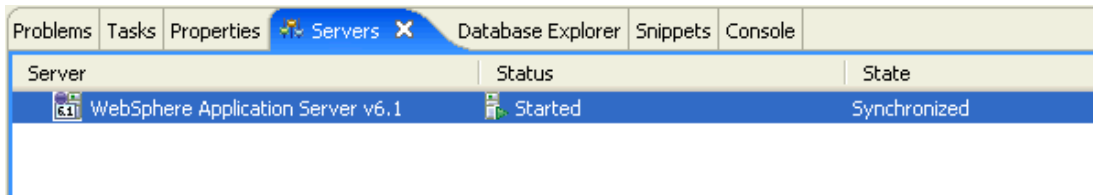


__24. To start the Server right click in the **WebSphere Application Server v6.1** server and select  **Start**.

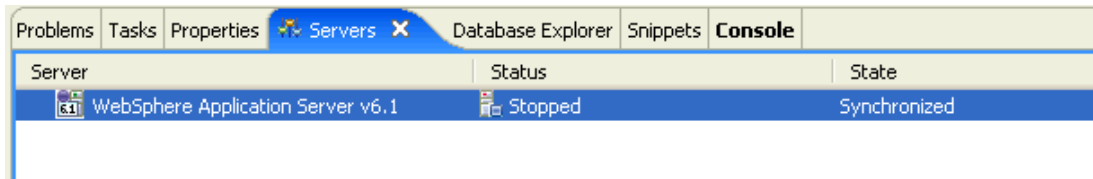
__25. The Console view will show some messages meanwhile the Server is started. You will see the message **Application started**.



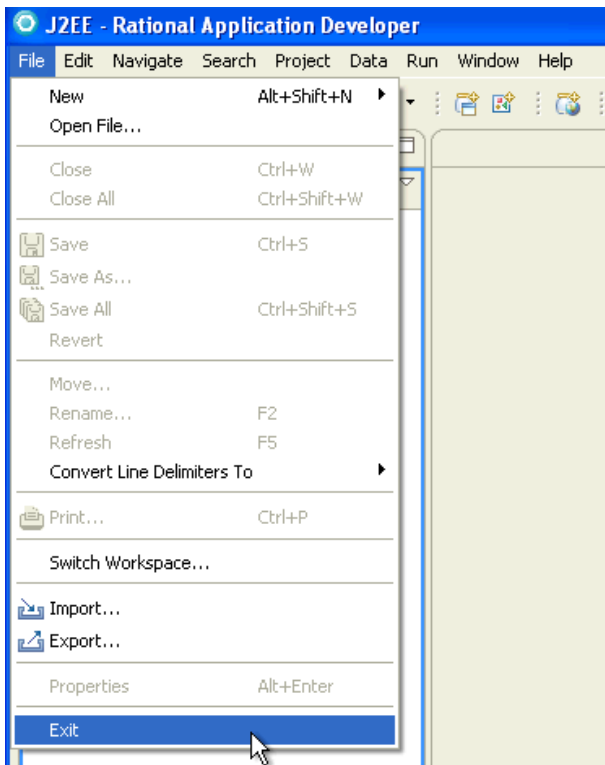
__26. At the Servers view the status changed to Started for the **WebSphere Application Server v6.1**.



__27. To stop the server right click on the server and select **Stop**. The server will change the status to Stopped.



__28. From the menu select **File -> Exit** to close Rational Application Developer.



__29. Close all.

Congratulations, you installed successfully RAD7.0

Congratulations. The installation of WA1901 J2EE Application Development with Spring and Hibernate Using RAD 7.0 has been completed.