Installation of z/VSE Connectors, tools and samples

The VSE Connectors, tools and samples are downloaded to your workstation as a **ZIP file**. Some components are also available as WBOOK in VSE library PRD2.PROD. You must install the **VSE Connector Workstation Code** from the extended base tape prior to downloading. If you download it from PRD2.PROD, you must rename the WBOOK to *<filename>.zip* before extracting it.

To install and use the VSE Connetcors, tools and samples, you need a **Java runtime environment** (JRE) or a **Java developers kit** (JDK) 1.5 or higher. You can download JDKs/JREs for various platforms from IBM developerWorks or Oracle. To verify if Java is installed on your workstation enter the following command in a command prompt or shell:

```
java -version
```
In case Java is installed, you should see something like this:
```
java version "1.6.0_33"
Java(TM) SE Runtime Environment (build 1.6.0_33-b05)
Java HotSpot(TM) Client VM (build 20.8-b03, mixed mode, sharing)
```
If Java is not installed on your computer or can not be found in the PATH, you would see a message like
```
'java' is not recognized as an internal or
external command, operable program or batch file.
```

Note: On Windows Windows 7 or later, the Java Runtime installation process does no longer copy the Java executable (java.exe) into the C:\Windows\System32\ folder. That means you have to manually update the PATH environment variable and add the Java installation directory (e.g. "C:\Program Files\Java\jre7\bin" or "C:\Program Files (x86)\Java\jre7\bin") to the PATH. This can be done via Control Panel → System → Advanced System Settings → Advanced Tab → Environment Variables. Locate the PATH variable either in the user or system variables, and add the Java's bin directory (e.g. "C:\Program Files\Java\jre7\bin" or "C:\Program Files (x86)\Java\jre7\bin") to the end of the PATH variable, separated by a semi colon (;).

Most components are packaged into an Java based installer. This installer is contained in the file **setup.jar** and can be invoked by running one of the install scripts **setup.bat** (Windows), **setup.cmd** (OS/2 and Windows), **setup.sh** (Linux, Unix, iOS – you may have to make the setup.sh file executable: `chmod +x setup.sh`). When running the Java installer, some dialog boxes will appear which guide you through the installation.

If you want to install the component on a system that does not have a graphical user interface (e.g. Linux/Unix without a X-Windows), you may run the installer in **text mode** (you may have to edit the setup script):

```
setup.bat -t
```

If you are updating an existing installation, please reinstall the component into the same directory. You may want to save your modified configuration or sample files before reinstalling. During the installation process you will be asked to overwrite existing files. Answer 'Yes' to all files (except your modified configuration or sample files).

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