Java for vUWS (UWS Machines)

You may be experiencing problems within vUWS if your Java is not configured properly, you have multiple versions of Java, or you are using a version of Java that is not compatible with vUWS.

Virtual UWS (vUWS) has an automatic Browser Checker. The Browser Checker makes sure that the internet browser on your computer (eg Internet Explorer) meets the requirements of vUWS to enable you to use all of the tools available.

If you are receiving the following message from your vUWS Browser Checker, it means that you may be experiencing problems with your Java software.

In order to resolve an issue with Java, it is suggested that you replace your copy of Java with one of the free, UWS tested versions.

The following is a step-by-step guide of how to:

- Locate and uninstall an incompatible version of Java.
- Install the UWS approved version of Java to your PC.

Check if your system is ready for Java

Before you proceed with the reinstallation of Java it is recommended that you check that your system has the minimum recommended requirements to support both Java and vUWS. If you do not have at least the minimum requirements you may not be able to run vUWS on your computer.

- PC running Windows 2000, XP or Vista
- MAC running Macintosh OS X
- Internet connection via broadband or modem of at least 56kbps
- Supported web browser (Internet Explorer 6)
- Microsoft Office (or equivalent)
- Approximately 120MB free hard drive space for the installation of Java.

Locate and uninstall an incompatible version of Java

Please go through the following steps in order to check if you have any incompatible versions of Java on your computer. The case may be that there is no Java on your computer at all, but a search is required to verify this first. This step is important because if an incompatible version of Java is not uninstalled first then the compatible version will not install correctly.

1. Close all windows and programs you may have running on your computer.
2. Click on the **Start** menu, select **Settings** and then click on the **Control Panel** icon [Click on Start > Control Panel in Windows Vista].

3. In the Control Panel, double click on the **Add or Remove Programs** [Programs and Features in Windows Vista] icon.

4. Within the Add or Remove Programs [Programs and Features in Windows Vista] list search for any incompatible versions of Java, it may be named ‘Sun Microsystems JRE_{xxxx}', ‘JRE Runtime Environment xxxx', or ‘Java 2 Runtime Environment xxxx'. It will have either of the following icon next to it: ![icon]

5. If you cannot find a copy of Java in your Add or Remove programs [Programs of Features in Windows Vista] list, **it may be the case that you never had a copy of Java Runtime Environment installed on your computer**. If this is so, there is nothing to worry about. Just proceed to the following section entitled ‘Install the UWS approved Java'.

6. If you have found a copy of Java within your Add or Remove Programs [Programs or Features in Windows Vista] list, click to select it. Click on the **Remove** [Uninstall in Windows Vista at the top of the page] button and click **Yes** to confirm that you wish to remove the previously installed version of Java.

7. Check your Add or Remove Programs [Programs and Features in Windows Vista] list to make sure that the incompatible version of Java has been correctly removed.

8. You have now successfully uninstalled an older/incompatible version of Java.

Add or Remove Programs list will look like the below screenshot in Windows XP

![Add or Remove Programs](image-url)
Programs and Features list will look like the below screenshot in Windows Vista

![Screenshot of Programs and Features in Windows Vista](image)

**Install the UWS approved Java**

You will now need to install a compatible version of Java. The following versions of Java Runtime Environments (JRE) have been tested to work with vUWS.

9. J2SE 5.0 Update 7 (jre 1.5.07)
10. J2SE 5.0 Update 11 (jre1.5.11)
11. J2SE 6.0 Update 3 (jre6u3)
12. J2SE 6.0 Update 7 (jre6u7)
13. J2SE 6.0 Update 16 (jre6u16)

However the instructions on the following page will install the current UWS approved version "J2SE 6.0 Update 16 (JRE_1.6.0.16)".
The following explains how to install the correct tested version:

1. Go to your Control Panel and then Click on **Add or Remove Programs** [Programs and Features in Windows Vista].

2. Click on the **Add New Programs** [Install a program from the network] Icon on the left-hand side. It will then come up with all the programs in the UWS Advertised program list.

3. Select ‘**Sun Microsystems JRE_1.6.0.16… Install**' and then click on **Add** button to install Java.

Add or Remove Programs list will look like the below screenshot in Windows XP
4. The installation process will now begin. Click **Finish** when the installation finishes.

5. After the installation has finished, close down all the open windows and restart your computer.
Multiple versions of Java

If you have multiple versions of Java installed on your computer then you may experience issues with Chat, Whiteboard, Who’s Online, HTML creator and other Java dependent tools used in vUWS. Please follow the instructions in section ‘Locate and uninstall an incompatible version of Java’ above to remove all versions of Java and install one of the compatible versions from the section ‘Install the UWS approved Java’ so that there are no version conflicts between two (or more) versions of Java on your computer.

Once you have uninstalled all incompatible versions and reinstalled a compatible version please reboot your computer so that the changes take effect.

Experiencing further problems with Java?

If you have already attempted a reinstall of your Java and this has not resolved the issue it is recommended that you visit www.webct.com/tuneup and go through the detailed step-by-step process of tuning up your browser online.

You may require further assistance if these steps have not solved your issues. If this is the case please contact the E-Learning Service Desk on vuws@uws.edu.au or by phoning (02) 9852 5252.

Please note: This guide is directed towards users on UWS computers. If you are using a non UWS Staff Computer, i.e. your home PC, please access the reference sheet ‘Java for vUWS (non UWS Computers)’.