

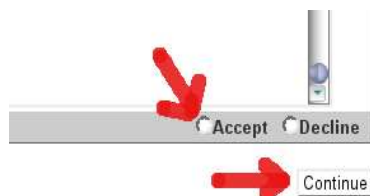
How-to Get Jmol to Run on the PDB website on Windows

1) Install Sun's "Java Runtime Environment"

1. Open your favorite browser (IE, Netscape, Firefox, etc.).
2. Open the following URL: <http://java.sun.com/j2se/1.5.0/download.jsp>
3. Find the link labelled: **Download JRE 5.0 Update 2** and click it.



4. A license agreement page will come up. After reading the agreement, click on "Accept", and then "Continue"



6. A page will come up listing available downloads. Select the "Windows Offline Installation, Multi-Language" link.



8. If your browser asks you what to do with the file, select save, then choose a place to save the file where you will be able to find it again (like Desktop). If your browser simply asks you where to save the file, select a suitable location and save. If your browser seems to do nothing, it is probably saving the file to a default location, such as your Desktop, automatically.
 9. Close all windows (but do not turn off your computer)
 10. Double-click on the file that you downloaded and saved in step 6. An installer will start.
 11. Follow the instructions in the installer. All default settings are fine.
- 2) Once the installer has finished, start your favorite browser back up.
 - 3) Open the pdb website (www.pdb.org). Search for your favorite protein (eg: 1SRE).
 - 4) When your protein comes up, click on the "Try" link in the phrase at the top of the page: "Try the Structure Explorer page for **XXX** from the new, reengineered RCSB PDB Web site!"
 - 5) A new window will open; on the right side of the page will be a picture of the protein structure. Beneath that picture is a list of viewers; click on "Jmol". After a sufficient period of time has passed, you will be able to see and manipulate the structure of the protein. Try right-clicking the mouse over the structure to gain access to various options Jmol offers. If you need the distance between two atoms, try double clicking the first atom and then moving your mouse to the second atom.