

Installation notes

For the workshop, following programs are necessary:

- **Jana2006 for most tasks**
- **Diamond for plotting crystal structures**
- **Vesta for visualization of electron density with isosurfaces and for magnetic structures**

Installation of Diamond

Install demo version of Diamond from the directory Setup\Diamond installation in the flash disk.

Note: Diamond started from Jana2006 may behave differently than when started separately. For instance, it doesn't offer automatic wizards.

Installation of Vesta

Unpack the archive "VESTA.zip" for 32-bits Windows system or "VESTA-win64.zip" for 64-bits Window system from the directory Setup\Vesta to a directory of your choice

Installation of Jana2006

Execute janainst.msi from the directory Setup\Jana2006 and follow instructions.

The installation creates shortcut to Jana2006 in the desktop and in Start → Programs

Start Jana2006, go to "Tools → About Jana2006" and verify the version string.

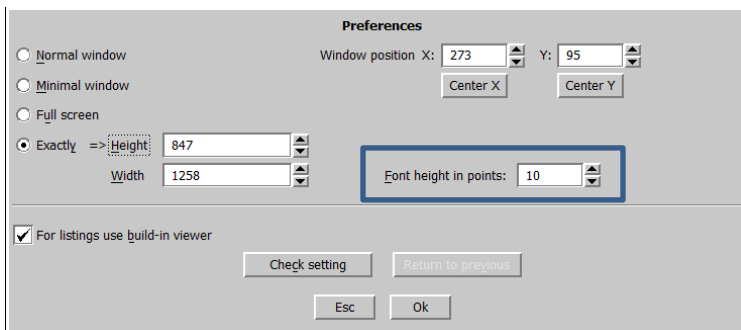
The version date should be close to the workshop date

- Don't use your "old" preinstalled versions of Jana2006
- Don't use flash disk for calculation. Copy the example files to hard disk.
- Don't install Jana2006 to desktop or flash disk

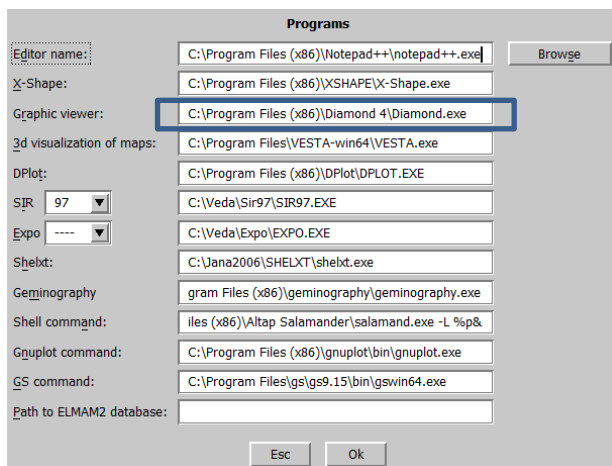
Configuration of Jana2006

Start Jana2006

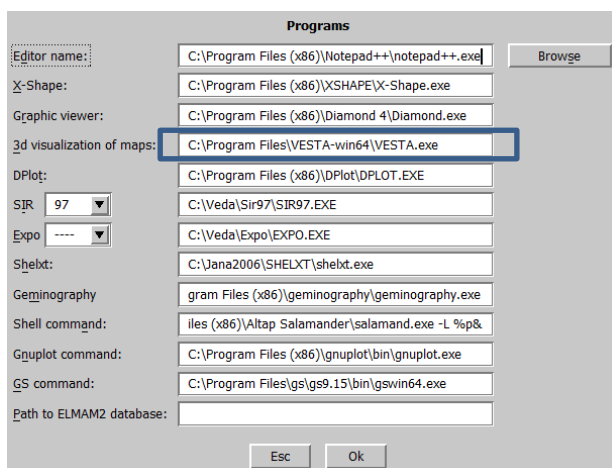
Go to "Tools → Preferences", adjust font height according to the size of your screen



Go to “Tools → Programs”; focus with mouse the textbox “Graphic viewer”; press “Browse” and localize Diamond.exe (usually in Program Files x86 or Program Files) or keep your older choice:



Focus "3d visualization of maps"; press “Browse” and localize VESTA.exe:



For using a different text editor than Notepad define its pathname in the textbox “Editor name”.