

JANA2006, version 21/10/2009

This announcement is being sent to everyone who has registered as a user of Jana software.

New version of Jana2006 for Windows is available in www-xray.fzu.cz/jana

Dear users,

We have pleasure to announce the maintenance release of Jana2006 for Windows.

Development:

- All atomic parameters in the program are now allocatable which means that there is no limit for number of atoms in the structure. This method allows also more efficient handling of computer memory.
- A new procedure for one-dimensionally modulated structures which transforms the rational part of the modulation vector to zero vector by introducing an additional centering has been implemented.
- The newest version of the Superflip program is supplied and interface from Jana2006 has been considerably improved.
- A lot of small improvements have been done, many bugs have been removed.
- UNIX version is still not finished.

Installation:

This is the first version which can be installed from janainst.msi - Windows installer file. The main advantage of the method is that it prepares automatically all system variables and connections to the Jana directory. Moreover the program is registered by Windows and it can be more easily uninstalled or updated. Starting the next version we shall quit distribution of janainst.exe.

Workshops:

We have started with Ad-hoc workshops on Jana2006. The idea is that users can influence time and content of workshops. Details are given in Jana web page.

We wish you a lot of successful refinements with Jana2006!

Best Regards,

Vaclav Petricek
Michal Dusek
Lukas Palatinus

Upgrade of jana2006 using the new MSI installation

- Execute janainst.msi and follow instructions.
- Make sure the installation directory is the same like for the previous version.
- After installation start jana2006.exe and check the version string with “Tools→About Jana2006”.

In most cases this procedure upgrades without troubles Jana2006 installed by new method (from janainst.msi) as well as by old method (from janainst.exe). In rare cases upgrade of jana2006 installed by the old method fails: installation from msi runs normally but the files are not updated and the version string remains old. As a remedy the following steps should be executed:

- Start janainst.msi again. It will offer “Modify – Repair – Remove”. Use “Remove” and uninstall previous version of Jana2006.
- Repeat installation from janainst.msi. After installation check the version string.

In case the version string is still the old one

- Localize installation directory of Jana2006 and make backup copy of jana2006.ini and jana2006.hst
- Delete installation directory of Jana2006
- Go to “Start → Settings → Control Panel → System”
Go to page “Advanced”
Press “Environment variables”
Delete all instances of JANA2006DIR in User variables as well as in System variables
- Repeat installation from janainst.msi.
- Return the files jana2006.hst and jana2006.ini to the installation directory (where jana2006.exe is located)
- Check the version string.