



Nuclear Data Section
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International Atomic Energy Agency
Nuclear Data Services
2004–2014



for Windows, Linux, Mac



EndVer/GUI and EXFOR-CINDA for Applications

Databases, Retrieval Systems and Codes
on Linux, Windows and Mac-OSX using MySQL

Run Software Packages from CD-ROM (or from copy on Hard Disk)

To do:	on Linux:	on Windows:	on Mac:
0 Preparation	→ Terminal cd /media/Exfor4app... cd x4app-2014-02-04 or copy DVD to ~/ and cd ~/x4app-2014-02-04	cmd.exe cd C:\x4app-2014-02-04 or open Explorer and go to DVD-ROM and to "x4app-2014-02-04"	→ Finder → Applications → X11 → Utilities → Terminal [export DISPLAY=:0.0]
1 Run interactive retrieval system	./run_x4cd.sh	run_x4cd.bat	./run_x4cd-mac.sh
2 Run EndVer	./run_endver.sh	run_endver.bat	./run_endver-mac.sh
3 Run non-interactive retrieval program	cd app_example ./runme.sh	cd app_example runme.bat	cd app_example ./runme-mac.sh
4 Copy to Hard Drive	install.sh or install.sh /x4app	install.bat or install.bat c:\x	./install.sh

General description: [readme.txt](#)

How to use and setup: [setup.txt](#)

IAEA Nuclear Data Services: <http://www-nds.iaea.org/>

ENDVER/GUI and EXFOR-CINDA for Applications

Databases and Retrieval Systems,
Integrated Tools for ENDF-Evaluators
(Linux, Windows, Mac-OSX)

Version 1.103m4, February 2014

- ✓ Integrated CINDA and EXFOR
- ✓ Does not need installation, can run from CD-ROM
- ✓ Advanced interactive search
- ✓ Works with Local and Remote Databases
- ✓ Help based on Dictionaries
- ✓ Includes Non-Interactive EXFOR retrievals
- ✓ Interactive graphics with ZVView
- ✓ CINDA with charged particle and photonuclear reactions
- ✓ Windows-7,-XP, Ubuntu-12, Mac/OSX
- ✓ PREPRO-2012, ENDVER-2013-03-29

EXFOR is a comprehensive library of experimental nuclear reaction data induced by neutrons, charged particles and photons.

Contents (2014/01/29): 20246 Entries, 139447 data tables

CINDA library contains bibliographical references to experimental nuclear reaction data and to calculations, reviews, compilations and evaluations of neutron reaction and spontaneous fission data. Includes import from EXFOR and NSR.

Contents (2014/01/27): 553943 lines, 90828 publications, 288578 blocks

Retrieval Systems on Java2: v1.102 (2012/01)