



ARGONNE
NATIONAL LABORATORY



United States
Department of Energy

The University of Chicago

ENTRANCE

Virtual Linac CDROM

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Part of the EPICS "Getting Started" Lecture Series

Argonne National Laboratory



A U.S. Department of Energy
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The EPICS Virtual Linac CDROM

- **CDROM contains binaries and source code for**
 - EPICS Base R3.14.6
 - Sequencer 2.0.8
 - Virtual Linac application
 - The main EPICS Extensions programs
- **Built for the architectures**
 - Solaris on Sparc (Sun compiler)
 - Solaris on Sparc (GNU compiler)
 - Linux on x86
 - Darwin/MacOS X on PowerPC
 - Windows on x86



CDROM Installers

- **Install programs are provided for**
 - Solaris (Sun compiler)
 - Linux
 - Darwin / MacOS X
 - Windows
- **Instructions to start vary with the platform**
- **The VLinac can be run from the CDROM without installing**
 - On Windows, you must install the Win32 EPICS Extensions



Solaris and Linux Installers

- **Mount the CDROM**
- **Execute the script "setup.sh"**
 - How to do that is OS- and desktop-specific
- **Graphical install program should appear**
- **If the graphical installer fails for some reason, a text-only installer using CURSES will run**



Darwin/MacOS X Installer

- **Insert the CDROM**
- **Using the Finder, open the CDROM "EPICS VLinac"**
- **Open the "Setup" application (EPICS Logo)**
 - Unfortunately the application does not bring its window to the front, so you may have to look for it behind the Finder.
- **Darwin can also run the text-only installer by executing the "setup.sh" script in a terminal window**



Solaris, Linux and MacOS X Installers

- **The first screen allows you choose between installing the VLinac and EPICS.**
- **The second screen provides further choices, and asks for the install location**
- **An uninstall script is installed with the product**

- **You do not need to install EPICS to run the VLinac**
- **You will need to install EPICS to modify / rebuild the VLinac**

Windows Installer

- **Insert the CDROM**
- **A web page should open automatically giving further instructions**
- **If Auto run doesn't work**
 - Open the file d:\win32\README.htm in a browser
 - *Where d: is your CDROM drive*
 - *Double clicking usually does this*
- **It will have the further instructions**
 - You need to install
 - *Hummingbird Exceed*
 - *Then the EPICS WIN32 Extensions*
 - *Then the VLinac*