



CVS DEPOSITORY FOR MODULARIZED CEAR COMPUTER RESOURCES

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Outline

- A Discussion of Codes Developed within CEAR of possible interest to APNTOWL Members
- CVS Depository for Modularized CEAR Computer Resources
 - CVS Server Configured
 - CVS Client Side Software for Access
 - CEAR Resources



CODES OF POSSIBLE INTEREST TO APNTOWL MEMBERS

- ❑ The Codes Previously Mentioned and input files for MCNP
- ❑ CURMOD and CURLLS
- ❑ PEAKSI
- ❑ GSHIFT
- ❑ CURNAI
 - g03, g04, and g05
- ❑ NONLIN



Concurrent Version System (CVS)

- ❑ Computer Resource Management System
 - Automatic logs for all changes of the resource
 - Synchronize copies of software for multiple users/developers
- ❑ A great tool to make resources reusable and reliable
- ❑ For CEAR, it is good for the following types:
 - Computer Codes
 - MCNP Input Files



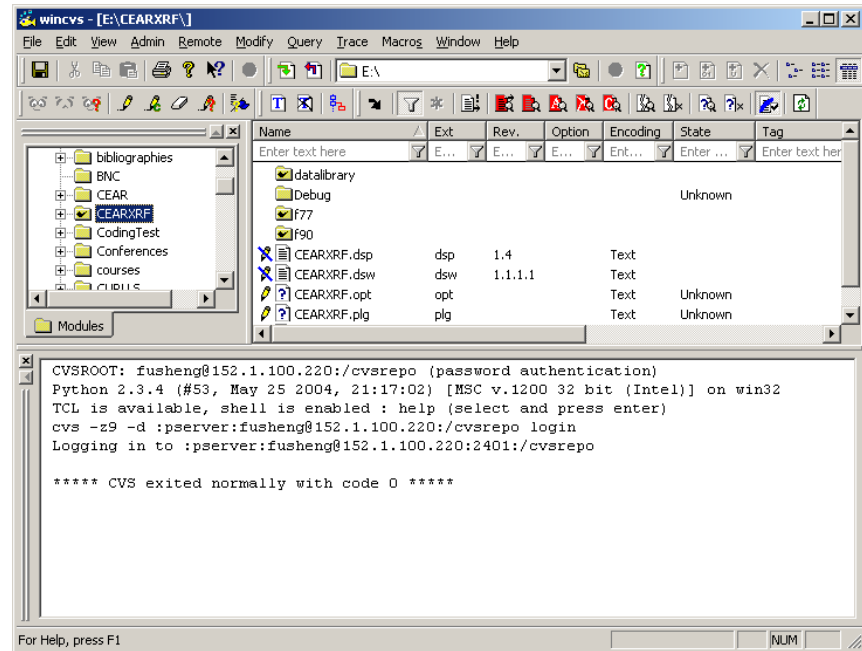
CVS Server Configurations

- ❑ Windows NT Server
 - Location: 2113
 - IP: 152.1.100.220
 - Server Mode: Pserver
 - Repository Name: /cvsrepo
 - Administrator: **Prof. Gardner**
- ❑ Presently Available Resources
 - XLLS
 - XRayQuery
 - XRFQual
 - CURMOD (Matlab version)
 - Miscellaneous Matlab Utility Subroutines



What is Needed to Start with CVS?

- A free client software and an account on our server: <http://www.wincvs.org/>



- The only free doc to read: <http://www.thathost.com/wincvs-howto/>

CEAR Resources

- ❑ CEAR Monte Carlo simulation codes (CEARCPG, CEARPGA, CEARXRF, CEARPPU, and others)
- ❑ 3-D geometry package for Monte Carlo simulation
- ❑ Random number generators
- ❑ Utility codes (CURMOD, CURLLS, PEAKSI, GSHIFT, CURNAL, and others)
- ❑ Detector response functions
- ❑ KMAX toolsheets for data acquisition with Sparrow
- ❑ Others not identified yet!

