

CVS & Superversion



Corporate Trainer's Profile

Corporate Trainers are having the experience of 4 to 12 years in development , working with TOP CMM level 5 companies (Project Leader /Project Manager) qualified from NIT/IIT/IIM and work exp in USA and UK.



Capability Maturity Model level Project Standard*** :-

The Capability Maturity Model (CMM) is a method for evaluating the maturity of organizations on a scale of 1 to 5.

Get the Oppertunites to work on Client Projects Of US/UK, which follow the all standard of CMM level 5 Company.

Projects



CVS and Subversion training courses

CVS (the Concurrent Versions System) is a source-code control system, which originally derives from the simpler RCS (Revision Control System) and is similar in spirit to SCCS and Visual Sourcesafe.

Subversion is a newer version control system which was inspired by CVS but intended as an improvement. Source code control is important for teams of programmers working together on a project. It makes collaboration easier by allowing different programmers to work on the same source tree and check-in their changes once they are working.

[CVS training](#)

[Subversion for Users](#)

[Subversion for Administrators](#)

CVS a 1 or 2-day course

The outline for this course is currently undergoing review. Details will be published online as soon as possible. The new format for the CVS training will be similar to that of the Subversion training.

Synopsis

We offer six CVS course modules, which can be combined to form a one or two-day course depending on requirements. Approximately two hours per module should be allowed, so three or four modules can be taught per day.

The CVS for Users modules start from the very beginning and take new users of CVS through the most important techniques for managing files and revisions. It starts with using the cvs command-line program, but can also cover the GUI interfaces WinCVS or TortoiseCVS if required. The CVS for Administrators modules cover the features of CVS which aren't needed for normal work (with a pre-configured CVS system) but are required to admin a CVS server, resolve user problems with using CVS, and get the most out of CVS with its more advanced features. Please note 'CVS Server for Administrators' and 'CVSNT Server for Administrators' are very similar modules.

The CVS and Subversion Compared module is suitable for non-CVS and non-Subversion users who want to see the differences between the two in depth, or else for users and administrators with one system who want to convert to the other.

Suitable for

Teams of software developers and programmers who need to work co-operatively on projects. System administrators who need to install and maintain the CVS software and CVS repositories.

Prerequisites

An understanding of the code-management issues in team-based software development

Delivery

Instructor lead in-house training with a great deal of hands-on practice.

Course Contents

- CVS for Users 1
- An Overview of CVS
- Basic concepts
- Accessing a repository
- Checking out a working copy
- Making a change
- Finding out what you (and others) did
- CVS and implied arguments
- Committing
- Revision numbers
- Detecting and resolving conflicts
- Finding out who did what (browsing log messages)
- Examining and reverting changes
- Other useful CVS commands
- Adding files
- CVS and binary files
- Removing files
- Removing directories
- Renaming files and directories
- Avoiding option fatigue
- Getting snapshots (dates and tagging)
- Acceptable date formats
- Marking a moment in time
- Finding out more
- CVS for Users 2: Branching/Merging/Watches
- Working with branches
- Branching basics
- Merging changes
- Creating a tag or a branch without a working copy
- The Dovetail approach - merging in and out of the trunk
- The Flying Fish approach - a simpler way to do it
- Branches and keyword expansion - natural enemies
- Tracking third-party sources (vendor branches)
- Exporting for public distribution
- Advanced CVS
- Log messages and commit emails
- Changing a log message after a commit
- Getting rid of a working copy
- History - a summary of repository activity
- Annotations - a detailed view of project activity
- Annotations and branches
- Using keyword expansion
- Watches
- WinCVS for Users
- Checking out a working copy
- Finding out what you (and others) did update and diff

Committing
Detecting and resolving conflicts
Adding files
Adding directories
Removing files
Removing directories
Renaming files and directories
Marking a moment in time (tags)
Branches
TortoiseCVS for Users
Checking out a working copy
Finding out what you (and others) did update and diff
Committing
Detecting and resolving conflicts
Adding files
Adding directories
Removing files
Removing directories
Renaming files and directories
Marking a moment in time (tags)
Branches CVS Server for Administrators
Repository Administration
Starting a repository
Starting a new project
The password-authenticating server
Anonymous access
Repository structure
RCS format
What happens when you remove a file
The CVSROOT/ administrative directory
Commit emails
Controlling commits
Other CVSROOT/ files
Tips and troubleshooting
CVSNT Server for Administrators
Repository Administration
Starting a repository
Starting a new project
The password-authenticating server
cvs passwd
Anonymous access
Repository structure
RCS format
What happens when you remove a file
The CVSROOT/ administrative directory
Commit emails
Controlling commits

- Other CVSROOT/ files
- Tips and troubleshooting
- CVS and Subversion Compared (conversion course)
- Overview
- User commands
- Revision numbering
- Tagging
- Branching
- Watches
- Repository remote access protocols
- Repository format
- Converting to Subversion
- Converting to CVS