

# 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 comapnies (Project Leader /Project Manager ) qualified from NIT/IIT/IIM and work exp in USA and UK.



## Capability Maturity Model level Proejct 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



## **Subversion for Users a 1-day course**

### **Synopsis**

The course aims to take users with little or no knowledge of version control systems through to being competent subversion users capable of managing revisions, merges and branches. The course covers use of subversion both from the command line (Unix and Windows) and from the Tortoise GUI under Microsoft Windows.

### **Suitable for**

Teams of application developers and programmers who need to work co-operatively on projects.

### **Prerequisites**

Attendee are expected to be able to:

- Access applications from either command line or using graphical user interfaces
- Understand file system concepts such as files, directories, permissions, access control
- Create, move and delete files and directories

### **Delivery**

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

### **Course Contents**

#### **Basic concepts underlying version control**

- The concept of a working copy
- The diff operation for finding the differences between one version of a file and another
- Subversions (SVNs) version numbering scheme
- Versioning of files and directories
- SVN mechanisms for accessing a repository

#### **Practical usage of SVN - both via the Tortoise GUI and via the command line**

- Accessing a repository
- Checking out a working copy
- Making a changes to files and directories in the working copy
- Determining differences between files and directories in the working copy and those in the repository
- Committing work
- oThe importance of commit log messages for the effective use of Subversion
- Detecting and resolving conflicts
- Searching and browsing log messages
- Using SVN commands for adding, removing and renaming files and directories in the working copy
- Using SVN commands for manipulating files and directories directly in the repository
- Creating snapshots in SVN (usage of dates and tagging)

#### **Branching, Merging and Watches**

- Creating branches
- Merging changes