Day 13

21/02/23

Different version control systems -

1. Subversion
2. Perforce
3. AWS code commit
4. Mercurial
5. Git

Version control systems can be split into type or categories -

1. Centralized version control system
2. Distributed version control system.

1) Centralized version control system (CVCS) :-

- Contain a server and a client
- Server is central copy of the project
- Viewing the history of changes requires that we are connected to the server in order to retrieve and view them.

2) Distributed version control system ~~(DVS~~ (DVCS) :-

- Every user is essentially a server and not a client.
- Every time we pull down code from the distributed model, we have the entire history of changes on our local syster

1] CVCS :-

Advantages - Easier to learn
More access controls

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① Disadvantages :- Slower

② DVCS :-
Advantages - Speed
performance

* The revision history records the essential data points so any developer or team member can walk through the entire projects from start to its current state.
Every changes that has occurred on the project show is easily accessible either by simple command or IDE.

The shows - 1) Who made changes?
2) What was the reason?
3) What changed
4) When did it happens?