GIT Video is in Selenium folder: SeleniumClass9\_12\_Feb

GIT: Global Information Tracker : it is distributed version control system

There are 3 types of VCS available.

LVCS: Local VCS: LVCS tracks the data only folder level. It is completely depends on packing data.

***Local VCS***, as the name suggests are ***Version Control Systems*** that track the changes to a file on a Local System. Usually, ***Local VCS*** would store the changes to a file in a ***Local Database***. ***VCS***, in general, have got advance these days. Instead of storing the new versions of the complete file, VCS now store only the difference between two versions. This saves memory cost.

Here, we track each and every files in all version but it may require large memory if files are large in size. Also, any system can be damage so we need to keep backup. So we can use CVCS(Centralize VCS). we keep data on server-room, so that other team members can access it. Server is tracking data like who sends what data, who changes what data at what time. But again issue is that, erver-room is also physical and has some limitations, maintenance hours or damage.

DVCS: Distributed Version control system

It is like a cloud, we can access it using id/password. It does not have physical existence. Where we can access it everywhere. It is nothing but GIT. It is used for keep tracking of change in software deployment and software testing. It is designed to co-ordinate with the program among with the parameter. GIT connects with cloud and take data from cloud and present that data to local computer. GIT is application/tool shares data from source path to target path and target path to source path.