GIT

Version Controlling

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All the team members upload their code into a remote server

which is called as code repository or a version controlling

system.This Version Controlling system accepts the code uploads multiple team members

and it integrates the code into a single project.Next time

when the team members download the code they will be able to

access not only their code but also the code created by the

entire team.

Version Controlling system’s preserve older and later versions of the code so that the

team members can toggle between what ever version they want

Version Controlling system ‘s keep a track of who is making what kind of changes at what time

Version Controlling system ‘s are classified into 2 types

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1 Centralised Version Controlling

2 Distributed Version Controlling

Centralised Version Controlling

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Here we have a remote server where version controlling is done

All the team members simply upload their code(checkin) into this

remote servers

Distributed Version Controlling

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Here we have a local repository on every team members machine where

the code is committed into and in the local repository version

controlling happens at the level of the individual team member

Later this can be checkedin into a remote server where version

controlling happens at the level of the entire team.

Installing git on Windows

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1 Open https://git-scm.com/downloads

2 Download git for Windows—>Install it

3 Once git is installed we get an application called

git bash.This is the command prompt of git where we can

execute the git commands

Installing Git on Ubuntu

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1 Open terminal in ubuntu

2 Update the apt repository

sudo apt-get update

3 Install git

sudo apt-get install -y git

Installing RHEL,Centos,Fedora

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1 Open terminal in the linux server

2 Update the yum repository

yum -y update

3 Install git

yum install -y git

Setting up username and email globally for all users on a specific machine

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git config –global user.name “sai krishna”

git config –global user.email “intelliqittrainings@gmail.com”

To see the list of configurations on git

git config –global –list