2 Days Course on

Developing With Git

Basic to Intermediate Course

Course Overview

Developing with Git introduces the distributed development version control system that originated with the Linux kernel development community and is now being used on an ever increasing number of projects. Students will rapidly come up to speed on Git's concepts, basic commands, and how it is used in everyday work. Learn the fundamental concepts behind the Git version control system. Practice how to create, manipulate and share Git repositories with hands-on lab exercises.

Prerequisites

- Basic knowledge of Linux interfaces (including Linux/UNIX command line interfaces).
- Be comfortable using any of the available text editors.
- Experience with any major linux distribution is helpful but not strictly required.

Course Settings

Date	Refer to Training Calendar
Venue	Refer to Training Calendar
Fees	Contact Us at sales@2-sigma.com
Timings	0900-1700 (2 Days)
Inclusive	Certificates and notes
Audience	Software Developers, System Engineers, System Analysts and Web Developers.

Development With Git -Schedule

Day 1	
09.00am – 10.00am	**Getting Started** • Welcome • Why Git? • How to install the Git tool • Verifying that Git is installed • The config command • The init command • The diff command • The log command
10.00am – 10.30am	Breakfast
10.30am – 12.45pm	**Working with Git** • Workflow • The status command • Tracking new files • Ignoring file types • Staging changes • View specific changes • Committing changes

	• Removing files & directories • Moving files & directories • Undoing of fixing errors • Reset a change • Revert a change • Checkout a change
12.45pm – 02.15pm	Lunch
02.15pm – 05.00pm	**Branching** • What is branch • How to create Git branches • Showing and verifying branches • Removing branches • Switching between branches • Branch management in Git **Merging** • What is merging • 3-way merge • Resolving merge conflicts • Merge tools
Day 2	
09.00am – 10.00am	**Github Setup** • How to create Github account • Navigate the Github UI • Modify your account settings • How notifications are sent within Github • Searching the Github UI **Collaboration Basics** • Creating a repository • How to fork a repository • Cloning a fork • Using remotes • How to delete a repository
10.00am – 10.30am	Breakfast
10.30am – 12.45pm	**Pushing and Pulling** • Publish commit history with push • How to perform pull requests • Merging pull requests in a repository • How to transfer a repository **Tagging** • What is a tag • Viewing tag • Creating tags • Signed tags • Tagging later • Sharing tags

	Socialize With Github • How to follow friends • How to watch a project • How to create issues to be worked on for a particular project • Organizations associated with Github • How to change avatar
12.45pm – 02.15pm	Lunch
02.15pm – 05.00pm	**Additional Tools** • Installing SourceTree • Introduction to SourceTree • Learning SourceTree **Summary**

More Information

Two Sigma Technologies
19-2, Jalan PGN 1A/1, Pinggiran Batu Caves,
68100 Batu Caves, Selangor
Tel: 03-61880601 Fax: 03-61880602
To register, please email to sales@2-sigma.com or fax the registration form to 03-61880602,
we will contact you for further action.

Two Sigma Technologies
Suite B, 19-2, Jalan PGN 1A/1, Pinggiran Batu Caves,
68100 Batu Caves, Selangor
Tel : 03-61880601/ 019-3863400Fax :03-61880602
zurina@2-sigma.com
www.2-sigma.com