DevOps

Caltech | Center for Technology & Management Education

Post Graduate Program in DevOps

simplilearn

Git and GitHub Training

Course Introduction

Learning Objectives

By the end of this lesson, you will be able to:

- Set up Git in your system
- Implement the git workflow in your organization
- Create and fork repositories on GitHub
- Create branches and resolve merge conflicts
- Work on a project in collaboration with your colleagues using Bitbucket
- Create and manage complex projects in GitLab
- Use Git inside popular IDEs, such as Eclipse and IntelliJ

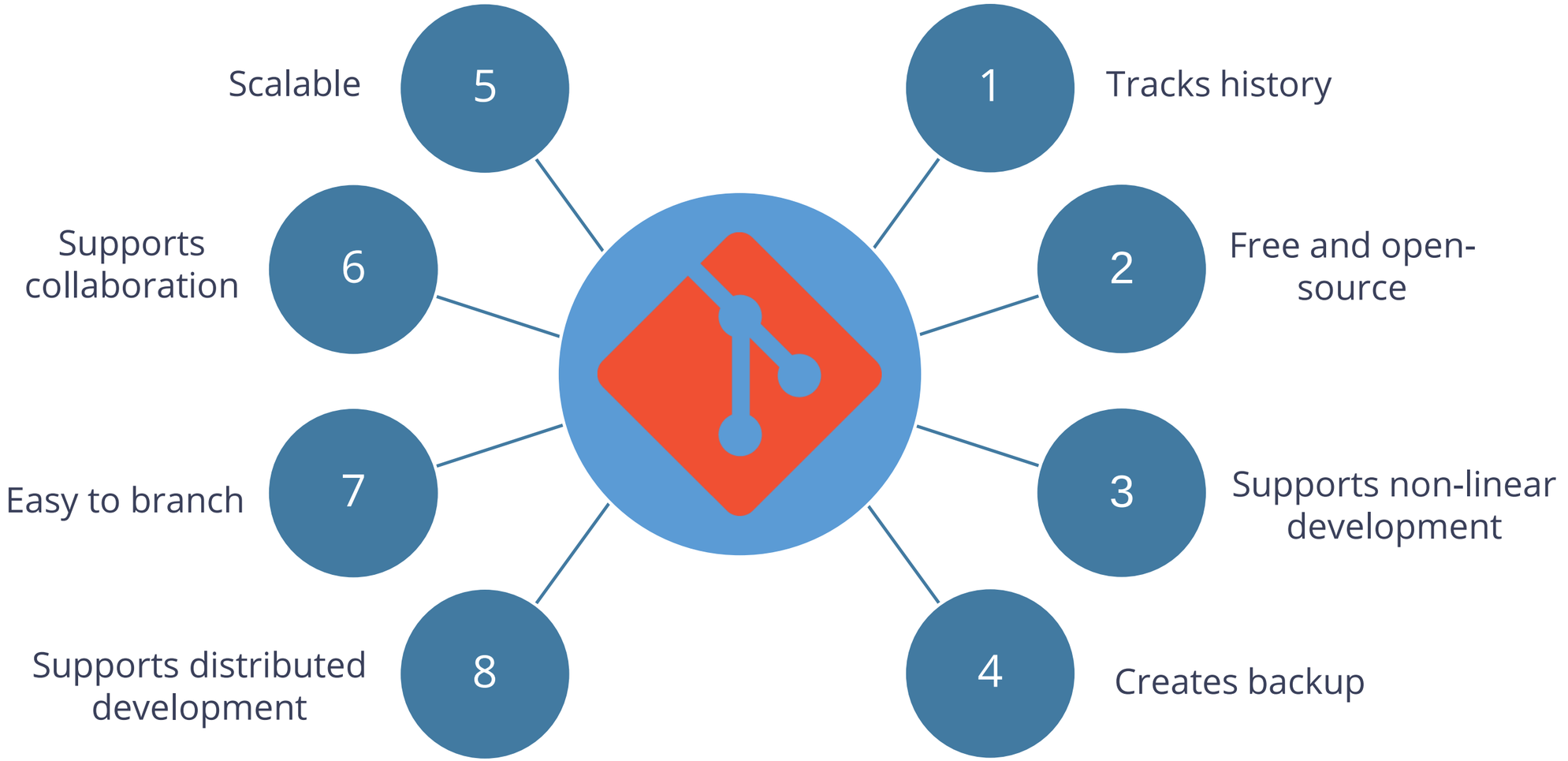
What Is Git?

Git is a version control system for tracking changes in computer files. It is generally used for source code management in software development.

Developers

Git Server

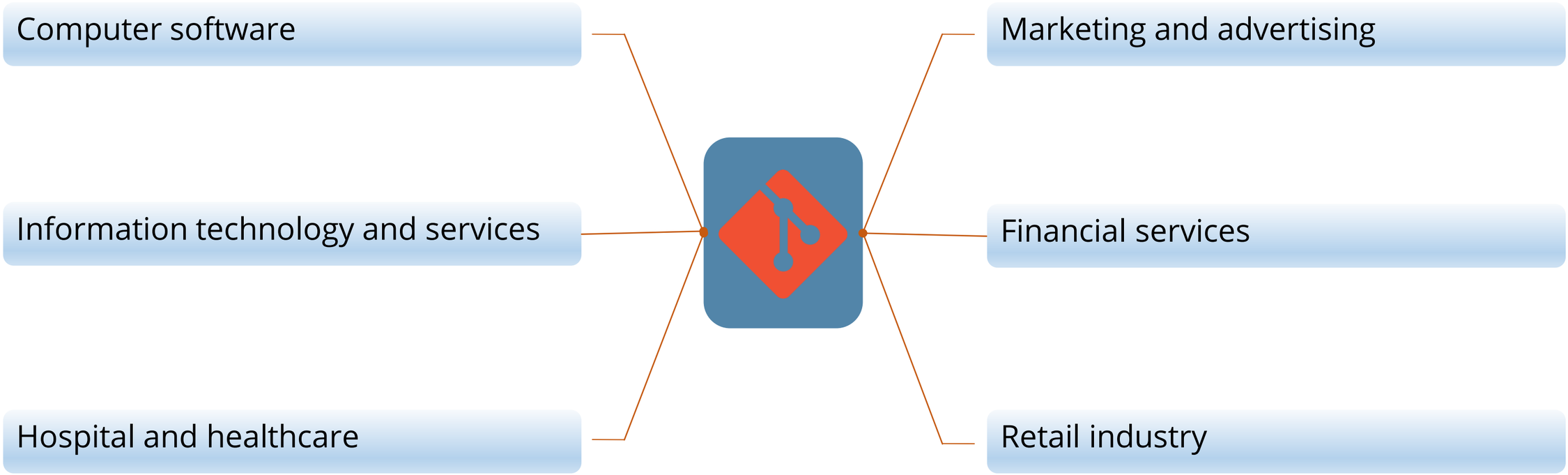
Features of Git



Comparison of Version-Control Software

Software	Repository Model	Concurrency Model	Platforms Supported
CVS	Client-server	Merge	Unix-like, Windows, OS X
Git	Distributed	Merge	POSIX, Windows, OS X
SVN	Client-server	Merge or lock	Unix-like, Windows OS X
Mercurial	Distributed	Merge	Unix-like, Windows, OS X
Monotone	Distributed	Merge	Unix-like, Windows, OS X

Who Uses Git?



Course Features

Instructor-Led Training

16 Hours of E-Learning

1 Course-End Project

1 Course-End Assessment

5 Lesson-End Projects

41 Assisted Practices

Course Outline

Lesson 1: Course Introduction

Lesson 2: Git Basics

Lesson 3: Getting Started with Git

Lesson 4: Remote Repositories

Lesson 5: Branching, Merging, and Rebasing in Git

Lesson 6: BitBucket and GitLab

Lesson 7: Git Plugin with IDE

Customer Support

Teaching assistance and support

Help and support on the website

Call and live chat

Get Certified. Get Ahead.