Eventually, you will enormously discover a further experience and execution by spending more cash. yet when? pull off you bow to that you require to get those all needs once having significantly cash? Why dont you attempt to acquire something basic in the beginning? Thats something that will lead you to comprehend even more roughly the globe, experience, some places, past history, amusement, and a lot more?

It is your enormously own period to decree reviewing habit. in the course of guides you could enjoy now is *git distributed version control fundamentals and workflows* below.

*Git Distributed Version Control--Fundamentals and Workflows* René Preiße 2014-10-15

Git is the most popular version control system today. This book explains the basic concepts of Git and starts with introductory chapters to get you up to speed on Git. The authors focus on agile development and provide workflows that show the necessary
commands and options for solving real-world problems.

Pro Git-Scott Chacon 2014-11-18 Pro Git (Second Edition) is your fully-updated guide to Git and its usage in the modern world. Git has come a long way since it was first developed by Linus Torvalds for Linux kernel development. It has taken the open source world by storm since its inception in 2005, and this book teaches you how to use it like a pro. Effective and well-implemented version control is a necessity for successful web projects, whether large or small. With this book you’ll learn how to master the world of distributed version workflow, use the distributed features of Git to the full, and extend Git to meet your every need. Written by Git pros Scott Chacon and Ben Straub, Pro Git (Second Edition) builds on the hugely successful first edition, and is now fully updated for Git version 2.0, as well as including an indispensable chapter on GitHub. It’s the best book for all your Git needs.

Version Control with Git-Jon Loeliger 2012-08-14 Get up to speed on Git for tracking, branching, merging, and managing code revisions. Through a series of step-by-step tutorials, this practical guide takes you quickly from Git fundamentals to advanced techniques, and provides friendly yet rigorous advice for navigating the many functions of this open source version control system. This thoroughly revised edition also includes tips for manipulating trees, extended coverage of the reflog and stash, and a complete introduction to the GitHub repository. Git lets you manage code development in a virtually endless variety of ways, once you understand how to harness the system’s
flexibility. This book shows you how. Learn how to use Git for several real-world development scenarios Gain insight into Git’s common-use cases, initial tasks, and basic functions Use the system for both centralized and distributed version control Learn how to manage merges, conflicts, patches, and diffs Apply advanced techniques such as rebasing, hooks, and ways to handle submodules Interact with Subversion (SVN) repositories—including SVN to Git conversions Navigate, use, and contribute to open source projects though GitHub

Git: Mastering Version Control-Ferdinando Santacroce 2016-10-25 Learn everything you need to take full control of your workflow with Git with this curated Learning Path - dive in and transform the way you work About This Book Master all the basic concepts of Git to protect your code and make it easier to evolve Filled with practical recipes that will teach you how to use the most advanced features of the Git system Harness the full power of the Git version control system to customize Git behavior, manipulate history, integrate external tools, and explore platform shortcuts Who This Book Is For This learning path is for software developers who want to become proficient at using the Git version control system. A basic understanding of any version control system would be beneficial. What You Will Learn Transport your work to a remote repository in a centralized manner Experiment with your code without affecting functional code files Explore some tools used to migrate to Git from other versioning systems without losing your development history Understand the Git data model and how you can navigate the
database with simple commands. Debug with Git and use various techniques to find faulty commits. Customize Git behavior system-wide, on a per-user, per-repository, and per-file basis. Master administering and setting up Git repositories, configuring access, finding and recovering from repository errors, and performing repository maintenance.

Chose a workflow and configure/set up support for the chosen workflow. In detail, Git is one of the most popular types of Distributed Version Control System. Since its inception, it has attracted skilled developers due to its robust, powerful, and reliable features. Like most powerful tools, Git can be hard to approach for the newcomers. However, this learning path will help you overcome this fear and become adept at all the basic and advanced tasks in Git. This course starts with an introduction to version control systems before you delve deeply into the essentials of Git. This serves as a primer for the topics to follow such as branching and merging, creating and managing a GitHub personal repository, and fork and pull requests. You'll also learn how to migrate from SVN using Git tools or TortoiseGit and migrate from other VCSs, concluding with a collection of resources, links, and appendices. As you progress on to the next module, you will learn how you can automate the usual Git processes by utilizing the hook system built into Git. It also covers advanced repository management, including different options to rewrite the history of a Git repository before you discover how you can work offline with Git, how to track what is going on behind the scenes, and how to use the stash for different purposes. Moving forward, you will gain deeper insights into...
Git's architecture, its underlying concepts, behavior, and best practices. It gives a quick implementation example of using Git for a collaborative development of a sample project to establish the foundation knowledge of Git operational tasks and concepts. By exploring advanced Git practices, you will attain a deeper understanding of Git's behavior, allowing you to customize and extend existing recipes and write your own. This Learning Path is a blend of content, all packaged up keeping your journey in mind. It includes content from the following Packt products: Git Essentials, Ferdinando Santacroce Git Version Control Cookbook, Aske Olsson and Rasmus Voss Mastering Git, Jakub Narebski Style and approach. Its step-by-step approach with useful information makes this course the ultimate guide to understanding and mastering Git. This course will show the road to mastery example by example, while also explaining the mental model of Git.

Git Essentials Ferdinando Santacroce 2015-04-28 If you are a software developer with little or no experience of versioning systems, or are familiar with other centralized versioning systems, then this book is for you. If you have some experience working with command lines or using Linux admin or just using Unix and want to know more about Git, then this book is ideal for you.

Pragmatic Version Control Using Git Travis Swicegood 2008 There's a change in the air. High-profile projects such as the Linux Kernel, Mozilla, Chrome, and Ruby on Rails are now using Distributed Version Control Systems (DVCS) instead of the old stand-by.
of CVS or Subversion. Git is a modern, fast, DVCS. But understanding how it fits into your development can be a daunting task without an introduction to the new concepts. Whether you're just starting out as a professional programmer or are an old hand, this book will get you started using Git in this new distributed world. Whether you're making the switch from a traditional centralized version control system or are a new programmer just getting started, this book prepares you to start using Git in your everyday programming. Pragmatic Version Control Using Git starts with an overview of version control systems, and shows how being distributed enables you to work more efficiently in our increasingly mobile society. It then progresses through the basics necessary to get started using Git. You'll get a thorough overview of how to take advantage of Git. By the time you finish this book you'll have a firm grounding in how to use Git, both by yourself and as part of a team. Learn how to use how to use Git to protect all the pieces of your project Work collaboratively in a distributed environment Learn how to use Git's cheap branches to streamline your development Install and administer a Git server to share your repository Version Control by Example-Eric Sink 2011-01-01 Mastering Git-Jakub Narebski 2016-04-21 Attain expert-level proficiency with Git for enhanced productivity and efficient collaboration by mastering advanced distributed version control features About This Book Set up Git for solo and collaborative development Harness the full power of Git version control system to customize Git
behavior, manipulate history, integrate external tools and explore platform shortcuts. A detailed guide, which explains how to apply advanced Git techniques and workflows and ways to handle submodules.

Who This Book Is For
If you are a Git user with reasonable knowledge of Git and familiarity with basic concepts such as branching, merging, staging, and workflows, this is the book for you. Basic knowledge of installing Git and software configuration management concepts is essential.

What You Will Learn
Explore project history, find revisions using different criteria, and filter and format how history looks. Manage your working directory and staging area for commits and interactively create new revisions and amend them. Set up repositories and branches for collaboration. Submit your own contributions and integrate contributions from other developers via merging or rebasing. Customize Git behavior system-wide, on a per-user, per-repository, and per-file basis.

Take up the administration and set up of Git repositories, configure access, find and recover from repository errors, and perform repository maintenance. Chose a workflow and configure and set up support for the chosen workflow.

In Detail
Git is one of the most popular types of Source Code Management (SCM) and Distributed Version Control System (DVCS). Despite the powerful and versatile nature of the tool enveloping strong support for nonlinear development and the ability to handle large projects efficiently, it is a complex tool and often regarded as “user-unfriendly”. Getting to know the ideas and concepts behind the architecture of Git will help you make full use of its power and understand its behavior.
Learning the best practices and recommended workflows should help you to avoid problems and ensure trouble-free development. The book scope is meticulously designed to help you gain deeper insights into Git's architecture, its underlying concepts, behavior, and best practices. Mastering Git starts with a quick implementation example of using Git for a collaborative development of a sample project to establish the foundation knowledge of Git operational tasks and concepts. Furthermore, as you progress through the book, the tutorials provide detailed descriptions of various areas of usage: from archaeology, through managing your own work, to working with other developers. This book also helps augment your understanding to examine and explore project history, create and manage your contributions, set up repositories and branches for collaboration in centralized and distributed version control, integrate work from other developers, customize and extend Git, and recover from repository errors. By exploring advanced Git practices, you will attain a deeper understanding of Git's behavior, allowing you to customize and extend existing recipes and write your own. Style and approach Step-by-step instructions and useful information make this book the ultimate guide to understanding and mastering Git. This book will show road to mastery example by example, while explaining mental model of Git. The Introduction section covers the 'Essentials' just for refreshing the basics. The main highlight is that the concepts are based on how the technology/framework works and not just practical 'WHAT to do'.
This pocket guide is the perfect on-the-job companion to Git, the distributed version control system. It provides a compact, readable introduction to Git for new users, as well as a reference to common commands and procedures for those of you with Git experience. Written for Git version 1.8.2, this handy task-oriented guide is organized around the basic version control functions you need, such as making commits, fixing mistakes, merging, and searching history.

Examine the state of your project at earlier points in time
Learn the basics of creating and making changes to a repository
Create branches so many people can work on a project simultaneously
Merge branches and reconcile the changes among them
Clone an existing repository and share changes with push/pull commands
Examine and change your repository’s commit history
Access remote repositories, using different network protocols
Get recipes for accomplishing a variety of common tasks

This is your complete guide to how Git and GitHub work in a professional team environment. Divided into three parts – Version Control, Project Management and Teamwork – this book reveals what waits for you in the real world and how to resolve the problems you may run into. Once past the basics of Git, you’ll see how to manage a software project, and finally how to utilize Git and GitHub to work effectively as a team. You'll examine how to plan, follow and execute a project, with GitLab and the
apply those concepts to real-world situations. Workarounds the pitfalls that most programmers fall into when driving a project with Git by using proven tactics to avoid them. You will also be taught the easiest and quickest ways to resolve merge conflicts. A lot of modern books on Git don't go into depth about non-technical topics. Beginning Git and GitHub will help you cover all the bases right at the start of your career. What You'll Learn Review basic and advanced concepts of Git Apply Project Management skills using GitHub Solve conflicts or, ideally, avoid them altogether Use advanced concepts for a more boosted workflow Who This book Is For New developers, developers that have never worked in a team environment before, developers with basic knowledge of Git or GitHub, or anyone who works with text documents.

Git Essentials-Ferdinando Santacroce 2017-11-08 Dive and explore into the latest addons of the latest Git. About This Book Master all the basic concepts of Git to protect your code and make it easier to evolve Use Git proficiently, and learn how to resolve day-by-day challenges easily This step-by-step guide is packed with examples to help you learn and work with Git's internals Who This Book Is For If you are a software developer with little or no experience of versioning systems, or you are familiar with other centralized versioning systems, then this book is for you. If you have experience in server and system management and need to broaden your use of Git from a DevOps perspective, this book contains everything you need. What You Will Learn Master Git fundamentals Be able to "visualize," even with the help of a valid GUI tool Write
principal commands in a shell Figure out the right strategy to run change your daily work with few or no annoyances Explore the tools used to migrate to Git from the Subversion versioning system without losing your development history Plan new projects and repositories with ease, using online services, or local network resources In Detail Since its inception, Git has attracted skilled developers due to its robust, powerful, and reliable features. Its incredibly fast branching ability transformed a piece of code from a niche tool for Linux Kernel developers into a mainstream distributed versioning system. Like most powerful tools, Git can be hard to approach since it has a lot of commands, subcommands, and options that easily confuse newcomers. The 2nd edition of this very successful book will help you overcome this fear and become adept in all the basic tasks in Git. Building upon the success of the first book, we start with a brief step-by-step installation guide; after this, you'll delve into the essentials of Git. For those of you who have bought the first edition, this time we go into internals in far greater depth, talking less about theory and using much more practical examples. The book serves as a primer for topics to follow, such as branching and merging, creating and managing a GitHub personal repository, and fork and pull requests. You'll then learn the art of cherry-picking, taking only the commits you want, followed by Git blame. Finally, we'll see how to interoperate with a Subversion server, covering the concepts and commands needed to convert an SVN repository into a Git repository. To conclude, this is a collection of resources, links, and appendices to satisfy even the most
curious. Style and approach This short guide will help you understand the concepts and fundamentals of GIT is a step-by-step manner.

Pro Git-Scott Chacon 2009-10-06 Git is the version control system developed by Linus Torvalds for Linux kernel development. It took the open source world by storm since its inception in 2005, and is used by small development shops and giants like Google, Red Hat, and IBM, and of course many open source projects. A book by Git experts to turn you into a Git expert Introduces the world of distributed version control Shows how to build a Git development workflow

Version Control with Git and GitHub-Alex Magana 2018-12-05 Learn to create and enforce checks and controls for tracking, merging, and approval of changes in your source code Key Features Explore version control, its importance, and usage Learn to use Git individually and as part of a team Understand debugging, maintenance, and deployment with Git and GitHub Book Description Introduction to Git and GitHub begins with setting up and configuring Git on your computer along with creating a repository and using it for exercises throughout the book. With the help of multiple activities, you’ll learn concepts that show various stages of a file—from when it is untracked to when it is set for tracking under version control. As you make your way through the chapters, you’ll learn to navigate through the history of a repository, fetch and deliver code to GitHub, and undo code changes. The first half of the book ends with you learning to work with branches, storing and retrieving changes temporarily, and...
merging the desired changes into a repository. In the second half, you’ll learn about forking as part of a collaborative workflow. You’ll also address modularity and duplication through submodules, tracing and rectifying faulty changes, and maintaining repositories. By the end of this book, you will have learned how to effectively deploy applications using GitHub. What you will learn Understand and implement best practices in version control Explain the GitHub User Interface Understand what is Feature Branch Workflow and implement its features Use forking features, such as submodules and rebasing Master commands for debugging and maintaining a repository Implement continuous integration with CircleCi or TravisCi Gain insight into release management and how GitHub enables software releases Who this book is for If you want to migrate from other version control tools or want to learn more about Git, Introduction to Git and GitHub is for you. Prior experience in coding or familiarity with the Bash command line interface will help you easily grasp concepts.

Git Version Control Cookbook-Aske Olsson 2014-07-24 This practical guide contains a wide variety of recipes, taking you through all the topics you need to know about to fully utilize the most advanced features of the Git system. If you are a software developer or a build and release engineer who uses Git in your daily work and want to take your Git knowledge to the next level, then this book is for you. To understand and follow the recipes included in this book, basic knowledge of Git command line is mandatory.

Workflows
Distributed Version Control with Git-Lars Vogel 2014-12-14 This book starts with an introduction into distributed version control systems. It continues to describe the basic Git terminology and how you can configure your Git tools. As the book advances you learn how to connect to remote repositories and how to use branches and tags. The book covers merging and rebasing changes and provides all the necessary tips and tricks to use Git. It also covers the usage of the popular online Git hosting platforms GitHub or Bitbucket and describes typical Git workflows which are considered as good practice.

Git Essentials LiveLessons-Daniel Chen 2017 “Git has emerged as the leading revision control system for open source projects. Git is a distributed revision control and source code management (SCM) system with an emphasis on speed. Git Essentials LiveLessons teaches the skills necessary to version control with git. The first part of the course begins with the basics of Git and how to use it as an individual programmer. Part 1: Git Fundamentals covers installation and setup, fundamental commands, and how to use remote and branches in git using Github as the online hosting service to lay the foundation for more advanced workflows. After the basics are covered, Part 2: Collaborating with Git shows how to work collaboratively with teams with git. Three common uses of collaboration are covered, including: adding other users to your project repository, forking a copy of repository and submitting changes for review, and finally using the git flow workflow.”--Resource description page.
Mercurial: The Definitive Guide-Bryan O'Sullivan 2009-06-16 This instructive book takes you step by step through ways to track, merge, and manage both open source and commercial software projects with Mercurial, using Windows, Mac OS X, Linux, Solaris, and other systems. Mercurial is the easiest system to learn when it comes to distributed revision control. And it's a very flexible tool that's ideal whether you're a lone programmer working on a small project, or part of a huge team dealing with thousands of files. Mercurial permits a countless variety of development and collaboration methods, and this book offers several concrete suggestions to get you started. This guide will help you: Learn the basics of working with a repository, changesets, and revisions Merge changes from separate repositories Set up Mercurial to work with files on a daily basis, including which ones to track Get examples and tools for setting up various workflow models Manage a project that's making progress on multiple fronts at once. Fix and fix mistakes by isolating problem sources Use hooks to perform actions automatically in response to repository events Customize the output of Mercurial. Mercurial: The Definitive Guide maintains a strong focus on simplicity to help you learn Mercurial quickly and thoroughly.

Bazaar Version Control-Janos Gyerik 2013-06-06 This book is a step-by-step tutorial for beginner to intermediate developers who want to get started with Bazaar quickly. This book is designed for anyone who may be new to version control systems. If you are a programmer, system administrator, designer, writer, or translator, you can benefit.

Git Distributed Version Control Fundamentals And Workflows
greatly from using Bazaar in your projects. Those who are familiar with version control systems will find this book a fast and easy way to understand Bazaar.

Git for Teams-Emma Jane Hogbin Westby 2015-08-24 Annotation A guide to the popular version control system, this book walks Git users through the source control implications of how a team is structured, and how the software is delivered to clients. The book then covers not just how to use popular work flow strategies, such as GitFlow, but why, and under what circumstances, these strategies should be applied.

Git-Ravishankar Somasundaram 2013-01-01 The book follows a Blended Learning Approach (Learning through multiple modes: Readers learn theory to understand the concept and reinforce it by practically doing it). The new concepts are introduced using examples of common day to day activities for quick realization spread across topics. For the computer literate who want to leverage the advantage of maintaining multiple versions of files/folders to go back and forth in time with respect to the files content. For developers, administrators, analysts, architects and any others who want to perform a simultaneous, collaborative or work in parallel on the same set of files.

Learn Version Control With Git-Tobias Gntner 2017-07-17 Are you looking for a new version control system? Perhaps what you're using now is too cumbersome, or you just want to try something new to manage a pet project. With Git by Ryan Hodson, you can get up and running with one of the fastest-spreading revision control systems out there. Complete with vivid diagrams, clear code samples, and a careful walk through of...
primary features, this free e-book is your quick guide to how Git operates, what its advantages are, and how you can incorporate it into your own workflow. This updated and expanded second edition of Book provides a user-friendly introduction to the subject, Taking a clear structural framework, it guides the reader through the subject's core elements. A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts. This succinct and enlightening overview is a required reading for all those interested in the subject. We hope you find this book useful in shaping your future career & Business.

Git-Dennis Hutten 2017-10-09 Git is a distributed revision control and source code management system with an emphasis on speed. Git was initially designed and developed by Linus Torvalds for Linux kernel development. Git is a free software distributed under the terms of the GNU General Public License version 2. This tutorial explains how to use Git for project version control in a distributed environment while working on web-based and non web-based applications development.

Hands on Azure Repos-Chaminda Chandrasekara 2019-12-05 Use Azure Repos to manage your code in both centralized and distributed version control systems. This book will show you how to work with Team Foundation Version Control (TFVC) and distributed version control (Git), while exploring their best practices. You'll start with an introduction to Azure Repos, focusing on TFVC and Git, and then gradually transition...
to hands on lessons of working with TVFC. Next, you'll see how to set up and work with TFVC branches and tracking systems followed by usage of command line and security in TFVC Repos. Create and work on Git Repos in Azure DevOps and use branching with Azure Git Repos and Git command line in Visual Studio and vscode. The book then explores security in Git Repos and advanced options you can use to import from external Repos. With Hands-on Azure Repos as your guide, you'll be able to work with these version control tools on any platform and with any language. What You'll Learn Integrate Azure Repos with Azure Boards to enable tracking work with code. Create guidelines to tackle difficult situations in using Azure Repos Clone Azure Repo to local using Visual Studio and vscode Work with shelvesets, code reviews and lock types Perform activities using REST API with Azure Repos Who This Book Is For Software developers, tech leads and architects.

Subversion 1.6 Official Guide-Ben Collins-Sussman 2009-10 This is the official guide and reference manual for Subversion 1.6 - the popular open source revision control technology.

GitHub Essentials-Achilleas Pipinellis 2018-06-30 This book will teach you what you need to know to start using GitHub effectively for collaborating and working on your software projects. Key Features Effectively use GitHub by learning its key features to leverage the power of Git and make collaboration on code easy to work with be more productive on the development workflow of your projects using the valuable tools
GitHub provides. Explore the world of GitHub by following simple, step-by-step, real-world scenarios accompanied by helpful, explanatory screenshots. Book Description

Whether you are an experienced developer or a novice, learning to work with Version Control Systems is a must in the software development world. Git is the most popular tool for that purpose, and GitHub was built around it, leveraging its powers by bringing it to the web. Starting with the basics of creating a repository, you will then learn how to manage the issue tracker, the place where discussions about your project take place. Continuing our journey, we will explore how to use the wiki and write rich documentation that will accompany your project. You will also master organization/team management and some of the features that made GitHub so well known, including pull requests. Next, we will focus on creating simple web pages hosted on GitHub and lastly, we will explore the settings that are configurable for a user and a repository.

What you will learn

Create and upload repositories to your account
Create organizations and manage teams with different access levels on repositories
Use the issue tracker effectively and add context to issues with labels and milestones
Create, access, and personalize your user account and profile settings
Build a community around your project using the sophisticated tools GitHub provides
Create GitHub pages and understand web analytics

Who this book is for

This book is for experienced or novice developers with a basic knowledge of Git. If you ever wanted to see how big projects such as Twitter, Google, or even GitHub collaborate on code,
then this book is for you.

OpenShift for Developers-Grant Shipley 2016-08-04 Keen to build web applications for the cloud? Get a quick hands-on introduction to OpenShift, the open source Platform as a Service (PaaS) offering from Red Hat. With this practical guide, you’ll learn the steps necessary to build, deploy, and host a complete real-world application on OpenShift without having to slog through long, detailed explanations of the technologies involved. OpenShift enables you to use Docker application containers and the Kubernetes cluster manager to automate the way you create, ship, and run applications. Through the course of the book, you’ll learn how to use OpenShift and the Wildfly application server to build and then immediately deploy a Java application online. Learn about OpenShift’s core technology, including Docker-based containers and Kubernetes. Use a virtual machine with OpenShift installed and configured on your local environment. Create and deploy your first application on the OpenShift platform. Add language runtime dependencies and connect to a database. Trigger an automatic rebuild and deployment when you push changes to the repository. Get a working environment up in minutes with application templates. Use commands to check and debug your application. Create and build Docker-based images for your application.

Version Control with Git-Moubachir Madani Fadoul 2020-06-29 You won’t find a top programmer, web developer, or web designer who doesn't use version control. Because it helps you produce better results and makes collaboration easy. Git is one of those...
version control systems - but not just any: Top projects like the Linux Kernel, Ruby On Rails, or jQuery use Git as their version control system of choice. Around the world, in teams large and small, Git is an essential part of the tool chain.Get up to speed on Git for tracking, branching, merging, and managing code revisions. Through a series of step-by-step tutorials, this practical guide takes you quickly from Git fundamentals to advanced techniques, and provides friendly yet rigorous advice for navigating the many functions of this open source version control system.Git lets you manage code development in a virtually endless variety of ways, once you understand how to harness the system's flexibility. This book "Version Control with Git: Powerful Collaborative Software Development for Version Control, Project Management, and Teamwork" shows you how.-Track and revise code using Git-Learn how to use Git for several real-world development scenarios-Gain insight into Git's common-use cases, initial tasks, and basic functions-Use the system for both centralized and distributed version control-Learn how to manage merges, conflicts, patches, and diffs-Push (upload) code to GitHub-Interact with Subversion (SVN) repositories-including SVN to Git conversions-Navigate, use, and contribute to open source projects though GitHub

What you'll learn:

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Chapter 2. Git - Environment Setup
Chapter 3. Git - Review Changes
Chapter 4. Git - Stash Operation
Chapter 5. Git - Tag Operation
Chapter 6. Git - Handling Conflicts
Chapter 7. Conclusion

ABOUT THE AUTHOR

OTHER BOOKS BY MOUBACHIR MADANI FADOUL

Click the BUY button now
and download the book now to start learning Version Control with Git. Learn it fast and learn it well.

Learn Git in a Month of Lunches-Rick Umali 2015-07-01 Summary Learn Git in a Month of Lunches introduces the discipline of source code control using Git. Whether you're a newbie or a busy pro moving your source control to Git, you'll appreciate how this book concentrates on the components of Git you'll use every day. In easy-to-follow lessons designed to take an hour or less, you'll dig into Git's distributed collaboration model, along with core concepts like committing, branching, and merging. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Book Git is the source code control system preferred by modern development teams. Its decentralized architecture and lightning-fast branching let you concentrate on your code instead of tedious version control tasks. At first, Git may seem like a sprawling beast. Fortunately, to get started you just need to master a few essential techniques. Read on! Learn Git in a Month of Lunches introduces the discipline of source code control using Git. Helpful for both newbies who have never used source control and busy pros, this book concentrates on the components of Git you'll use every day. In easy-to-follow lessons that take an hour or less, you'll dig into Git's distributed collaboration model, along with core concepts like committing, branching, and merging. This book is a road map to the commands and processes you need to be instantly productive. What's Inside Start from square one—no experience
required

The most frequently used Git commands

Mental models that show how Git

works

Learn when and how to branch code

About the Reader

No previous experience

with Git or other source control systems is required.

About the Author

Rick Umali uses

Git daily as a developer and is a skilled consultant, trainer, and speaker.

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Before you begin

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Third-party tools and Git Sharpening your

Git

Python Interactive Computing and Visualization Cookbook-Cyrille Rossant

Intended to anyone interested in numerical computing and data science: students,

researchers, teachers, engineers, analysts, hobbyists... Basic knowledge of

Python/NumPy is recommended. Some skills in mathematics will help you understand

the theory behind the computational methods.

Git in Practice-Mike Mcquaid

Are you looking for a new version control system? Perhaps what you’re using now is too cumbersome, or you just want to try something new to manage a pet project. With Git by Ryan Helson, you can get up and running with one of the fastest-spreading revision control systems out there. Complete
with vivid diagrams, clear code samples, and a careful walk-through of primary features, this free e-book is your quick guide to how Git operates, what its advantages are, and how you can incorporate it into your own workflow. This updated and expanded second edition of Book provides a user-friendly introduction to the subject, Taking a clear structural framework, it guides the reader through the subject's core elements. A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts. This succinct and enlightening overview is a required reading for all those interested in the subject. We hope you find this book useful in shaping your future career & Business.

Subversion Version Control-William A. Nagel 2005 In any software development project, many developers contribute changes over a period of time. Using a version control system to track and manage these changes is vital to the continued success of the project. This book introduces you to Subversion, a free, open-source version control system, which is both more powerful and much less complex than its predecessor CVS. In this practical, hands-on guide, you will learn how to use Subversion and how to effectively merge a version control system within your development process. As a seasoned Subversion user, William Nagel draws on lessons learned through trial and error, providing useful tips for accomplishing tasks that arise in day-to-day software development. Nagel clearly explains how to expand on the built-in capabilities of...
Subversion, making the system work better for you. He organizes Subversion commands by activity to allow for quick task reference. Using example scripts and configurations, he also includes development approaches that you can customize to fit your own environment. Inside, you will find A guide to installing Subversion on Linux, Windows, and Mac OS X. A tutorial walkthrough of Subversion, from creating your first repository to basic branching and merging. A detailed look at the most important Subversion client commands, as well as properties, user configuration, and integration with a variety of external tools. A guide to repository administration and organization, including repository security and migration from another version control system. An in-depth look at automation in Subversion, including using hook scripts, metadata, and the Subversion API, plus example scripts. Case studies that examine both archetypal and real-world projects and their use of Subversion. A Subversion command reference for fast access to essential technical information. Details on Subversion's many advanced features, such as its Apache-integrated WebDAV server and database file storage system. Whether you are an administrator, project manager, or software developer, Subversion Version Control will show you how to realize the full potential of Subversion.

Pragmatic Guide to Git-Travis Swicegood 2010-11-15 Need to learn how to wrap your head around Git, but don't need a lot of hand holding? Grab this book if you're new to Git, not to the world of programming. Git tasks displayed on two-page spreads provide

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all the context you need, without the extra fluff.

Chef Infrastructure Automation Cookbook-Matthias Marschall 2013-01-01 Chef Infrastructure Automation Cookbook contains practical recipes on everything you will need to automate your infrastructure using Chef. The book is packed with illustrated code examples to automate your server and cloud infrastructure. The book first shows you the simplest way to achieve a certain task. Then it explains every step in detail, so that you can build your knowledge about how things work. Eventually, the book shows you additional things to consider for each approach. That way, you can learn step-by-step and build profound knowledge on how to go about your configuration management automation. This book is for system engineers and administrators who have a fundamental understanding of information management systems and infrastructure. It helps if you've already played around with Chef; however, the book covers all the important topics you will need to know. If you don't want to dig through a whole book before you can get started, this book is for you, as it features a set of independent recipes you can try out immediately.

Jump Start Git-Shaumik Daityari 2015-09-01 Get a Jump Start on version control with Git today! Most engineers we meet prefer Git over other distributed version control systems. These systems let you store different versions of project files and directories, so you can roll back to an earlier one if something goes wrong. And since they're distributed, they smooth the path for dev team collaboration. But what is it about Git...
that makes it mission-critical on so many web projects? Spend just one weekend with this hands-on tutorial, and you'll know the answer. Understand Git's core philosophy.

Get started with Git: install it, learn the basic commands, and set up your first project. Work with Git as part of a collaborative team. Use Git's debugging tools for maximum debug efficiency. Take control with Git's advanced features: reflog, rebase, stash, and more. Use Git with cloud-based Git repository host services like Github and Bitbucket. See how Git's used effectively on large open-source projects. Git was created by Linus Torvalds, who invented Linux, so it comes with the best credentials. What are you waiting for? Get a jump start on Git today.

An Abstraction for Version Control Systems-Matthias Kleine 2012 Version Control Systems (VCS) allow developers to manage changes to software artifacts. Developers interact with VCSs through a variety of client programs, such as graphical front-ends or command line tools. It is desirable to use the same version control client program against different VCSs. Unfortunately, no established abstraction over VCS concepts exists. Instead, VCS client programs implement ad-hoc solutions to support interaction with multiple VCSs. This thesis presents Pur, an abstraction over version control concepts that allows building rich client programs that can interact with multiple VCSs. We provide an implementation of this abstraction and validate it by implementing a client application.

Aptana Studio Beginner's Guide-Thomas Deuling 2013-01-01 Accompanied by the
plenty of example code and step-by-step instructions, this book will escalate you from a novice to an expert in no time. This book is for anyone who is looking for an IDE for effectively developing web applications. You will find this book interesting if you are working with common web technologies such as HTML5, JavaScript, or PHP. This book assumes no prior knowledge of Aptana Studio 3 or the named web technologies.

Introducing GitHub-Peter Bell 2014-11-11 If you’re new to GitHub, this concise book shows you just what you need to get started and no more. It’s perfect for project and product managers, stakeholders, and other team members who want to collaborate on a development project—whether it’s to review and comment on work in progress or to contribute specific changes. It’s also great for developers just learning GitHub. GitHub has rapidly become the default platform for software development, but it’s also ideal for other text-based documents, from contracts to screenplays. This hands-on book shows you how to use GitHub’s web interface to view projects and collaborate effectively with your team. Learn how and why people use GitHub to collaborate View the status of a project: current changes, outstanding work, and historic changes Create and edit files through GitHub without learning Git Suggest changes to projects you don’t have permission to edit directly Use tools like issues, pull requests, and branches to specify and collaborate on changes Create a new GitHub repository to control who has access to your project
These days everyone has a desktop computer, laptop, or at least a device such as a smartphone or tablet that they use to go online, send emails, and so on. And for the people who use a personal computer at home or at work then there is a very good chance that it is running Microsoft Windows. And if it's a newer computer then there is a very good chance its running Windows 10 since new or has been upgraded to Windows 10 from Windows 7 or Windows 8.

Microsoft has said that Windows 10 will be the last version of their desktop operating system and that they will just continue to update it and add new features rather than come out with new versions. Time will tell if they will stick with this strategy or if they will feel the pressure to come out with something new just for the sake of generating some hype and of course more sales. This goal of this book is to help you get the most out of your Windows 10 computer and make you a more proficient computer user. I will cover the basics (in detail) to better help you understand how to do things like configure and customize Windows, use the great built in features and software as well troubleshoot issues that you may run into while using your computer. A lot of this content will apply to previous versions of Windows so you will be able to apply your newfound knowledge to older computers as well. The chapters in the book cover the following topics:

Chapter 1 - What is Windows?
Chapter 2 - Installing Windows
Chapter 3 - Configuring and Customizing Windows
Chapter 4 - Installing Devices
Chapter 5 - Windows Apps
Chapter 6 - File and Folder Management
Chapter 7 - User Accounts
Jump Start Git - Shaumik Daityari 2020-05-15
Get a Jump Start on version control with Git today! If you've worked on a web development project of any size, you've probably used Git, the most broadly adopted distributed version control system available. It helps you to store different versions of project files and directories, so you can roll back to an earlier one if something goes wrong. And since it's distributed, it smooths the path for dev team collaboration. This short, practical book will help you to:

- Understand Git's core philosophy. Get started with Git: install it, learn the basic commands, and set up your first project. Work with Git as part of a collaborative team. Use Git's debugging tools for maximum debug efficiency. Master Git’s workflow. Take
control with Git's advanced features: reflog, rebase, stash, and more. Use Git with cloud-based Git repository host services like Github and Bitbucket. See how Git's used effectively on large open-source projects. Whether you're a Git newbie or you've been using it for some time but only really scratching the surface of its capabilities, this book will help you to gain a deep understanding of how Git works, and how to use it to streamline your workflow.