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   Titolo   Beginning Git and GitHub : Version Control, Project Management and Teamwork for the New Developer / / by Mariot Tsitoara

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   Descrizione fisica   1 online resource (314 pages)

   Disciplina   005.1

   Soggetti   Computer software - Development
   Application software - Development
   Open source software
   Revision control (Computer science)

   Lingua di pubblicazione   Inglese

   Formato   Materiale a stampa

   Livello bibliografico   Monografia

   Nota di contenuto   Part I: Version Control with Git -- 1: Version Control Systems -- 2: Installation and Setup -- 3: Getting Started -- 4: Diving into Git -- 5: Commits -- 6: Git Best Practices -- 7: Remote Git -- Part II: Project Management with GitHub -- 8: GitHub Primer -- 9: Quick Start with GitHub -- 10: Beginning Project Management: Issues -- 11: Diving into Project Management: Branches -- 12: Better Project Management: Pull Requests -- Part III Teamwork with Git -- 13: Merge Conflicts -- 14: More about conflicts -- 15: Git GUI Tools -- 16: Advanced Git -- Part IV: More with GitHub -- 17: More with GitHub -- 18: Common Git Problems -- 19: Git and GitHub Workflow. 20: Making Git Yours With Aliases.

   Sommario/riassunto   Learn the fundamentals of version control through step-by-step tutorials that will teach you the ins-and-outs of Git. This updated version introduces Github workflows, and contains new chapters on how to make Git and GitHub truly yours, covers additional common problems and how to solve them, along with new features of Github pull requests. 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 GithHub to work effectively as a team. You'll examine how to plan, follow and execute a project with GitHub, and then apply those concepts to real-world situations. Workaround 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 is your complete guide to how Git and GitHub work in a professional team environment and will help you cover all the bases right at the start of your career. You will: 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.