**Bitbucket Documentation**

**Introduction:**

Bitbucket is a web-based version control repository hosting service owned by Atlassian. It allows users to manage Git repositories and collaborate on software development projects.

**Key Features:**

* Repository hosting for Git projects
* Pull requests for code review
* Issue tracking
* Project management
* Integration with other Atlassian tools

**Getting Started:**

1. Create an account on bitbucket.org
2. Set up SSH keys for secure authentication
3. Create a new repository or import existing code

**Basic Workflow:**

1. Clone repository locally
2. Make changes to files
3. Commit changes locally
4. Push changes to Bitbucket
5. Create pull request for review
6. Merge approved changes

**Collaborating with Others:**

* Invite team members to repositories
* Use branches for parallel work
* Review pull requests
* Discuss changes in comments

**Best Practices:**

* Write clear commit messages
* Keep commits small and focused
* Regularly sync with remote repository
* Use descriptive branch names

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**SourceTree Documentation**

**Introduction:**

SourceTree is a free Git client for Windows and Mac developed by Atlassian. It provides a visual interface for Git operations.

**Key Features:**

* Visual representation of repository history
* Commit staging area
* Branch management
* Merge conflict resolution
* Integration with Bitbucket

**Getting Started:**

1. Download and install SourceTree
2. Connect to your Bitbucket account
3. Clone a repository locally

**Basic Operations:**

* View repository history
* Switch between branches
* Stage and commit changes
* Push/pull changes
* Resolve merge conflicts visually

**Advanced Features:**

* Submodule management (Allow including external dependencies in your project)
* Custom actions (Create shortcuts for complex Git operations)

**Best Practices:**

* Regularly fetch updates from remote
* Use meaningful branch names
* Commit frequently
* Review changes before pushing

By leveraging Bitbucket for hosting and SourceTree for management, developers can streamline their version control workflow and improve collaboration on software projects.