Git for Visual Studio Developers

TFS 2013

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Overview

- **Git and TFS 2013**
- **Visual Studio 2013**
- **Work Item Integration**
- **Build Integration**
- **Web Access**

Git and TFS

- **Introduced in TFS 2013 and TFS Service**
- **Not a replacement to Team Foundation Version Control**
- **Based on msysGit**
- **Full Integration**
- **Can connect from any client**

Enterprise Features

- **Version Control option defined at Team Project level**
- **Support for multiple repositories**
- **AD Authentication (on-premises)**
- **Branch-level permissions**

Visual Studio 2013

- **Git support from Team Explorer**
- **Available Functionality**
  - Create/Initialize Repositories
  - Commits
  - Branch
  - Merge
  - History
  - Changeset details
  - Push
  - Pull
  - Resolve Conflicts
- **Functionality available with TFS Service**

TFS Web Access

- **Code Structure**
- **Code History**
- **Code Comments**
- **Branches**

Work Item Integration

- **Associate commits to Work Items**
- **Command-line support (comments)**

Build Integration

- **Same functionality as TFVC**
- **Continuous Integration**
- **Can build from external Git Repositories**

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