Eclipse & TFS

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Team Foundation Server is the backbone of Microsoft's application lifecycle management suite, i.e. it hosts:

- Version control
- Issue tracking
- Project management
- Build server
- Reporting services
- Document management (Sharepoint)
Demo: Create an Ant build with TFS
Demo: Install Team Explorer Everywhere Plugin

![Image of the installation process]

- Click on the 'Add...' button to add the URL for the software: http://dl.microsoft.com/eclipse/tfs
- Select the Team Foundation Server Plug-in for Eclipse
- Click 'Next' to proceed with the installation
- Follow the prompts to complete the installation process.
Demo: Connect to Team Foundation Server

Add Existing Team Project

Team Project
Select a Team Project

Team Project Collections:
- BLBCollection
- SandboxCollection

Team Projects:
- (Select All)
- AccountingTax
- ALW_FWD_Redeign
- Auskunftei

Use Different Credentials

< Back  Next >  Finish  Cancel

Bayern LB
Demo: Create new build definition
Demo: Choose existing ant buildfile

Select a Build Configuration Wizard

Choose which type of build configuration you would like to create

Wizards:
- MSBuild Configuration from Existing Ant Buildfile
- MSBuild Configuration from Existing Maven POM file
Demo: Choose JDK and Ant installation
Demo: Queue the new build

![Queue Build "Demo" dialog box]

- Build definition: Demo
- What do you want to build?: Latest sources
- Shelfset name:
- Check in changes after successful build
- Build controller: BlinnbgHf01 - Controller
- Drop folder for this build: \blinnbgHf01\Drop
- Priority in queue: Normal 1
- MSBuild command-line arguments (optional):

[Queue] Button
Demo: Check the build log

Build explorer - Blb_Discover_Kundenspiegel_build

Latest Activity
Build test modified by SvcTFBuild 169 days ago.

Summary
Any CPU | Debug
0 errors, 5 warnings
Blb_Discover_Kundenspiegel_buildbuilds.xml - 0 errors, 5 warnings, View Log File
- [ ] 1 error(s), 0 warnings(s), View Log File

Associated Changesets
ChangeSet 2016, Checked in by YOB577
WebSphere v9
ChangeSet 2006, Checked in by YOB577
WebSphere v8
ChangeSet 2001, Checked in by YOB577
WAS v8
ChangeSet 1554, Checked in by YOB577
Conclusion

• Team Foundation Server with Team Explorer Everywhere plugin supports version control, build management, issue tracking, project planning and reporting for Java projects

• Some features are only available through the Web-UI (e.g. Team Project creation)

• Team Foundation Version Control is not suitable for Eclipse (unfamiliar handling + several, although minor bugs)

• Choose Git as alternative version control system instead (since TFS 2013)
  • No need for Team Explorer Everywhere Plugin except for build definition
  • Just use EGit
Thank you very much for your attention

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