

Thomas Zierer, Operating Office, IT Standards

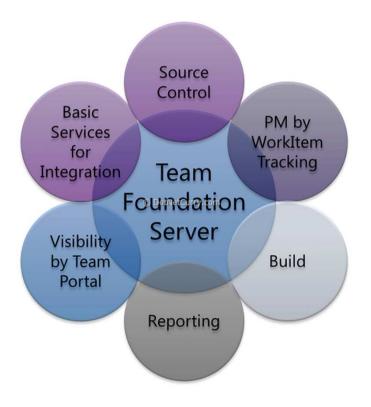
Eclipse & TFS

24.06.2014, Eclipse Demo Camp, München



島 Finanzgruppe

What is TFS ?



Team Foundation Server is the backbone of Microsofts application lifecycle management suite, i.e. it hosts

- Version control
- Issue tracking
- Project management
- Buildserver
- Reporting services
- Document management (Sharepoint)





Demo: Create an Ant build with TFS



Demo: Install Team Explorer Everywhere Plugin

🔵 Install	No. of Concession, name		
Available S	Software items that you wish to install.		
Work with:	1.0	more software by working with the "Available Software S	Add
type filter te		The solume by working with the <u>Available solumate</u> a	nee preferences.
Name		Version	
	Team Foundation Server Plug-in for Eclipse TFS plug-in for Eclipse TFS plug-in for Eclipse Language Pack	12.0.1,201403041643 12.0.1,201403041644	
Select A Details	I Deselect All 1 item selected		2
Group ite	y the latest versions of available software ms by category ly software applicable to target environment all update sites during install to find required soft	Hide items that are already installed What is <u>already installed</u> ? ware	
?		< Back Next > Finish	Cancel

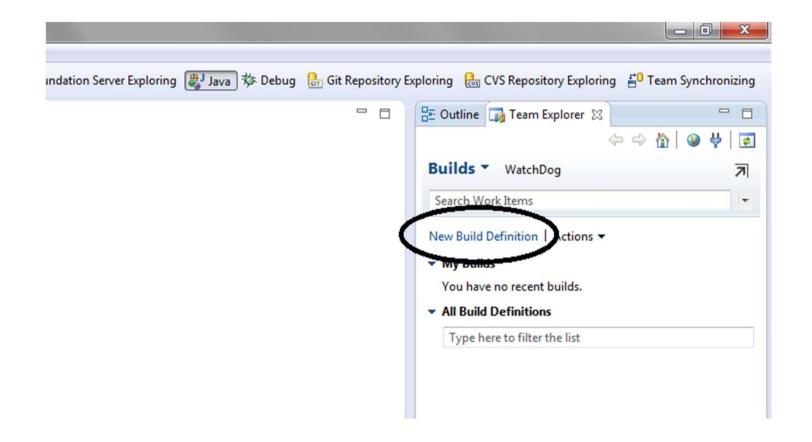


Demo: Connect to Team Foundation Server

Add Existing Team Project		
Team Project Select a Team Project		
blbnbgtfs01.bayernlb.sfinance.net		▼ Servers
Team Project Collections:	Team Projects:	
BLBCollection SandboxCollection	(Select All)	*
<u>Use Different Credentials</u>		
?	< Back Next > Finish	Cancel

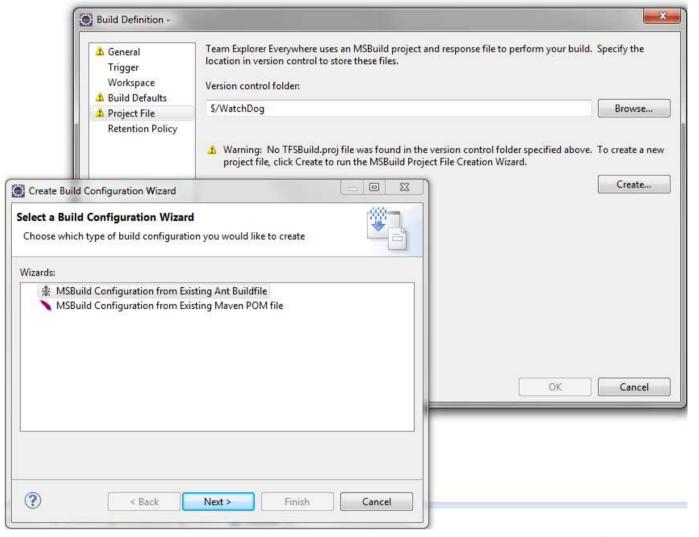


Demo: Create new build definition



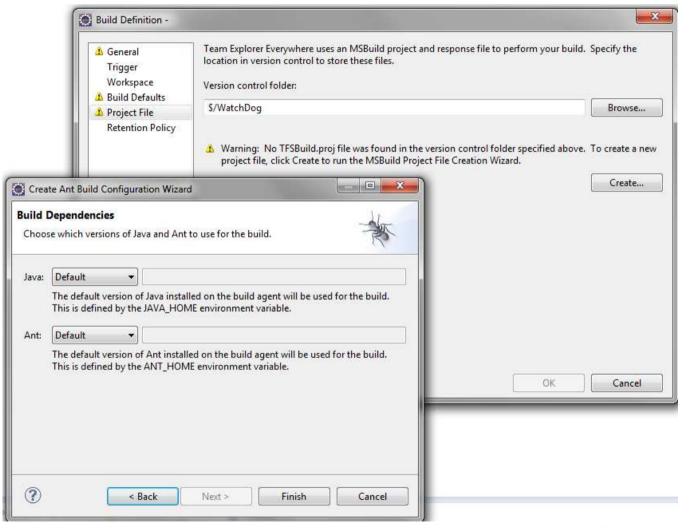


Demo: Choose existing ant buildfile





Demo: Choose JDK and Ant installation





Demo: Queue the new build

	•
	*
What do you want to bu Latest sources	ild?
	· · · · · · · · · · · · · · · · · · ·
Shelveset name:	
	Create
Check in changes after	er successful build
Build controller:	
Blbnbgtfs01 - Controller	r 🖌
	÷
Drop folder for this build	;
Drop folder for this build \\blbnbgtfs01\Drop	•
-	Position:
\\blbnbgtfs01\Drop	



Demo: Check the build log

g Build Explorer - Blb_Disc	over_Kundenspiegel_build	Blb_Discover_Kundenspiegel_	build_20140115.1 🔀		
Plb Discover	Kundoneniogol, buil	d_20140115.1 - Build su		No Quality Assigned >	•
View Summary	View Log I Open Dro		Delete Build		
Y08577 trigger		build (DC_Discover) for changeset 2015			
Latest Activity					
Build last modified by SvcTF	SBuild 169 days ago.				
Summary					
Any CPU Debug					
0 error(s), 5 warning(s) \$/DC_Discover/Blb_D	scover_Kundenspiegel_build/buil	d.xml - 0 error(s), 5 warning(s), View Lo	g File		
F:\Builds\Buil raw type HashSet		<pre><undenspiegel_build\binaries\src\de\blb< pre=""></undenspiegel_build\binaries\src\de\blb<></pre>	dc\ks\bean\BlbDcKsSe	rviceLocator.java (116): warning: [ı	unchecked] unchecked call to add(E) as a member of the
F:\Builds\Buil raw type Vector	ls\1\DC_Discover\Blb_Discover_I	<pre>(undenspiegel_build\Binaries\src\de\blb</pre>	\dc\ks\bean\BlbDcKsSo	apBindingStub.java (78): warning: [[unchecked] unchecked call to add(E) as a member of the
▲ F:\Builds\Buil raw type Vector	ls\1\DC_Discover\Blb_Discover_I	<pre>(undenspiegel_build\Binaries\src\de\blb</pre>	\dc\ks\bean\BlbDcKsSo	apBindingStub.java (80): warning: [[unchecked] unchecked call to add(E) as a member of the
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1 projects/solutions com \$/DC_Discover/Blb_D		d.xml - 0 error(s), 5 warning(s), View Lo	a File		
	eted - 50% average pass rate	sixini oʻchor(s), oʻnanning(s), nen es	grine		
2/4 test(s) pass No Code Coverage Resu	ed, 2 failed, 0 inconclusive				
No Code Coverage Resu	6				
Associated Chan	jesets				
Changeset 2015, Checked i WebSphere V8	1 by Y08577				
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Changeset 2001, Checked i WAS v8	1 by Y08577				
Changeset 1554, Checked i	1 by Y08577				



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, allthough 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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