

TeamCity 2.1 New Features

Administration: Build management

General enhancements

- Match and does not match requirement types support
- Configurable server URL used in notifications (to allow https)
- [Support wildcards in artifact paths](#) and possibility to [specify target directory](#)
- More predefined properties and environment variables available
- Ability to access server from build scripts using basic authentication. For example, it is now possible to trigger a build from a script.

Version Control System enhancements

- Subversion: Upgrade svnkit library to 1.1.2
- ClearCase: added support for ClearCase Base and ClearCase load rules

Ipr and Inspection runners, Duplicates finder

- Possibility to specify pre-script and post-script for Ipr runner. Allows to use Ipr runner with TestNG tests
- Possibility to specify pre-script for Inspections runner and for Duplicates finder. Allows to fetch necessary libraries before the build if they are not presented in version control system.
- Possibility to specify artifact path for Ipr runner
- Possibility to look for tests only in "test sources" paths defined in Ipr.

Ivy-related improvements

- Ivy repository is protected by password authentication [TW-2393](#) and
- Do not provide generated ivy.xml if ivy.xml already exists in published artifacts [TW-2392](#)
- View artifact dependency information:

Results of build #4207 (19 May 12:31)

Result: ✔ Tests passed: 2201, ignored: 2 Run ▾

Time: 19 May 12:31 - 13:40 (1h:09m:14s)

Agent: [unit-126](#)

Pin status: [Pin](#)

Artifact dependencies

This build used artifacts of the following builds:

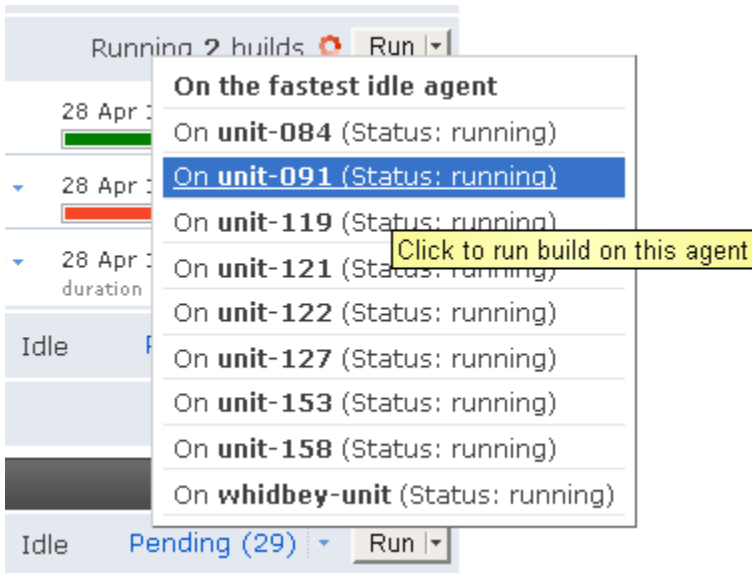
Build configuration	Build	Build artifacts
Selena M1 :: Installers	#6829 ✔ Success	 View ▾

Maven runner improvements

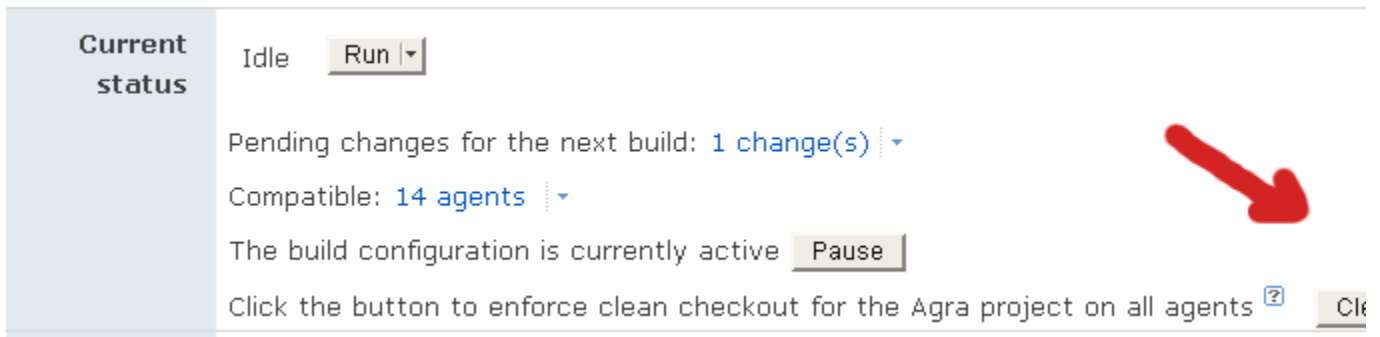
Maven runner has been totally reworked. Maven is now launched directly using 'mvn' executable, not using Maven embedder. It allows TeamCity not to be tied to a set of specific Maven versions anymore.

User interface features

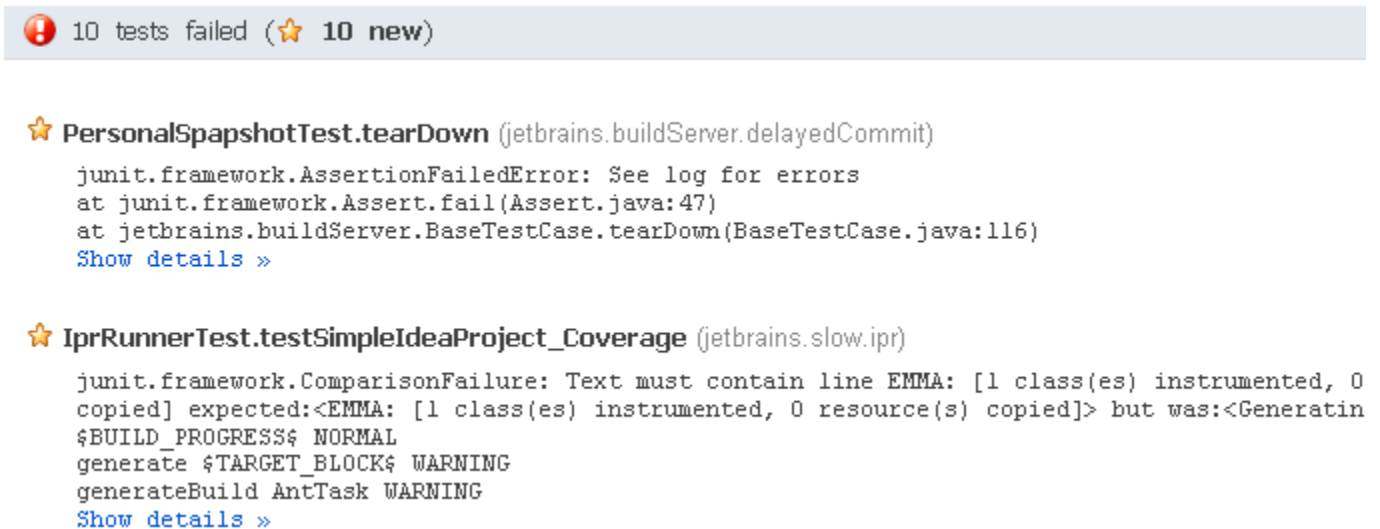
Assign next build to specific agent (including disabled ones):



Possibility to enforce clean checkout for a project on all build agents



Ability to Collapse Mini-Stack from Failed Tests



10 tests failed (10 new)

- PersonalSpapshotTest.tearDown (jetbrains.buildServer.delayedCommit)
- IprRunnerTest.testSimpleIdeaProject_Coverage (jetbrains.slow.ipr)
- IprRunnerTest.testSimpleIdeaProject (jetbrains.slow.ipr)
- IprRunnerTest.testSimpleIdeaProject_Coverage_With_Post_Script_TW2592 (jetbrains.slow.ipr)
- IprRunnerTest.testMainModuleOnly (jetbrains.slow.ipr)
- BuildServerTest.testUpgradeAgent (jetbrains.buildServer.serverSide.impl)
- IdeaConfigGenerateTest.testGenerateJdkTable2 (jetbrains.slow.codeInspection)
- IdeaConfigGenerateTest.testGenerateJdkTable3 (jetbrains.slow.codeInspection)
- IdeaConfigGenerateTest.testGenerateGlobalLibrary (jetbrains.slow.codeInspection)
- IdeaConfigGenerateTest.testGenerateJdkTable1 (jetbrains.slow.codeInspection)

Line numbers in Duplicates view on the Web

Duplicates list

2 duplicates, cost 37, 2 files
2 duplicates, cost 37, 1 files
2 duplicates, cost 37, 2 files
2 duplicates, cost 36, 2 files
2 duplicates, cost 36, 1 files
2 duplicates, cost 36, 2 files
2 duplicates, cost 35, 2 files
2 duplicates, cost 35, 2 files

Instances list

#1 BaseModificationData.java:94 (server-model/s
#2 InspectionMessageBean.java:229 (inspections

#1 BaseModificationData.java:94 /server-model/src/jetbrains/buildServer/vcs/ 94. result = 31 * result + (myVersion != null ? myVersion.hashCode 95. result = 31 * result + (myDisplayVersion != null ? myDisplayVers 96. result = 31 * result + myChangesCount;	#2 InspectionMessageBean.java:229 /inspections-util/src/jetbrains, 229. result = 31 * result 230. result = 31 * result 231. result = 31 * result
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Implicit requirements are shown on requirements page

Implicit requirements

Implicit requirement is a reference to a property or environment variable defined as `%system.<property name>` or `%env.<variable name>`. To run this build configuration an agent should provide the following parameters:

Reference	Defined in
<code>%env.JAVA_HOME%</code>	Runner parameters