

Benares EAP (build 5433) Release Notes

- TeamCity Backup issues
- Per build configuration, shareable VCS Roots
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TeamCity Backup issues

Before upgrading to TeamCity Benares, please [back up](#) your data. The table below will help to determine which information to back up.

`$TEAMCITY_DATA_PATH` references the location of TeamCity's data files, by default this location is `$HOME/.BuildServer`.

Stored information	Form	Location	Backup required
Project and build configuration settings, authentication scheme, database configuration	files	<code>\$TEAMCITY_DATA_PATH/config</code> , <code>\$TEAMCITY_DATA_PATH/system/version.dat</code>	✓
License	files	<code>\$TEAMCITY_DATA_PATH/system/license.keys</code>	✓
User accounts, Build history	database	<code>\$TEAMCITY_DATA_PATH/system/buildserver.*</code> for HSQLDB, or Mysql dump	✓
Build artifacts	files	<code>\$TEAMCITY_DATA_PATH/system/artifacts/*</code>	optional
Build logs	files	<code>\$TEAMCITY_DATA_PATH/system/messages/*</code>	optional
Personal builds info	files	<code>\$TEAMCITY_DATA_PATH/system/changes/*</code>	optional

Items marked Backup required are essential for restoring TeamCity to its previous state. As you can see, you can skip build logs and artifacts (these files are not affected by the upgrade).

Per build configuration, shareable VCS Roots

Unknown macro: {jiraissue}

Benares allows you to have different VCS root settings for different build configurations of a single project. So, now you can have build configurations for different branches and different VCS settings within a single project.

Moreover, you can share VCS roots between several projects, so if you have a shared library you can have one place to edit VCS settings for this library.

You still can use several VCS roots in a single build configuration, and in Benares you can also specify the include/exclude rules for a particular VCS root. You can also map some of directories in VCS to directories in the target source tree.

Welcome, Kirill Maximov [Logout](#)

[Projects](#) [My Changes](#) [Agents \(23\)](#) [Build Queue \(12\)](#) [Administration](#) [My Settings & Tools](#)

Administration ▶ Selena Project ▶ Main Configuration

VCS Settings

VCS checkout mode:

VCS root			Checkout rules	Used in
perforce: perforce.labs.intellij.net:1666 (8)	edit	detach	edit checkout rules (0)	CVS, Duplicates, Inspections, Installers, Main, Main Coverage, Slow, Stress
svn: http://svn.jetbrains.org/idea/Trunk/bundled	edit	detach	edit checkout rules (1)	CVS, Duplicates, Inspections, Installers, Main, Main Coverage, Slow, Stress

Build Configuration Steps

- 1 General settings
- 2 VCS settings
- 3 Runner: Ipr
- 4 Build triggering
- 5 Artifact dependencies
- 6 Properties and environment variables
- 7 Agent requirements

Done

Edit Checkout Rules close

svn: http://svn.jetbrains.org/idea/Trunk/bundled

```

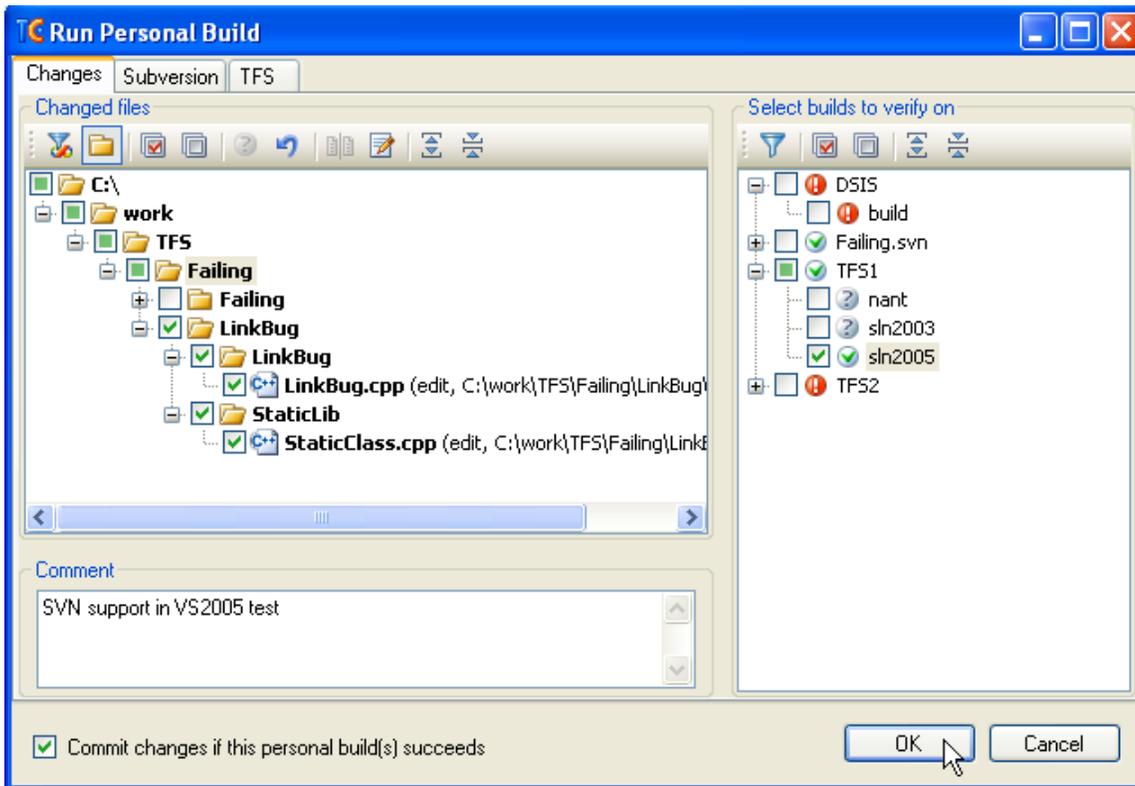
.->svnPlugins
-:docs
-:help

```

Format:
exclude path from checkout: **-:repository/path**
map to different path: **+:repository/path => another/path, or repository/path => another/path**

Visual Studio pre-tested commit support for Subversion

Now you can employ TeamCity pre-tested commit functionality from Microsoft Visual Studio 2005 not only for sources controlled by Team Foundation Server, but for Subversion-controlled sources too.



StarTeam Support

Initial support for StarTeam version control system has been implemented. Supported version are from 5.2 and up.

To use StarTeam sources roots, StarTeam SDK should be installed on the TeamCity server and starteamXX.jar (usually placed in "c:\Program Files\Borland\StarTeam SDK NN\Lib\starteamNN.jar") should be copied into <TeamCity home>/webapps/root/WEB-INF/lib directory.

Please also ensure TeamCity server and StarTeam server are time-synchronized.

Known Issues

1. Pre-tested commit isn't yet supported;
2. Deleted files are reported as changes by anonymous user;
3. Renamed files are reported as remove+modify, not remove+add;
4. Modification to items' properties (not related to item's content) are detected as changes by TeamCity.

Show build start/stop time estimations in the build queue

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Build Queue

Use drag-and-drop to reorder the queue.

Build configuration name	Time to start	Triggered by	Can run on	Remove
Selena :: Main	17m	personal build of Peter Gromov	11 agents	Remove
MPS :: Charisma Tests	6m	Subversion	12 agents	Remove
Selena :: Main	19m	Perforce	11 agents	Remove
Selena :: Slow	19m	Perforce	12 agents	Remove
Selena :: Main	23m	personal build of Eugene Vigdorchik	11 agents	Remove
Benares :: Integration-IPR	27m	Perforce	10 agents	Remove
Benares :: vs-plugin	28m	Perforce	10 agents	Remove
MPS :: MPS Performance	31m	Estimated start/finish: 30 июн 17:24 - 17:29 (5m:07s) Planned agent: unit-126	10 agents	Remove
MPS :: Webr+DNQ Generation	11m	Subversion	12 agents	Remove
MPS :: Charisma Generation	22m	Subversion	12 agents	Remove
ReSharper-3.0.2 :: Build	33m	Subversion	9 agents	Remove

Possibility to assign agent to specific build configurations only

Unknown macro: {jiraissue}

Normally, a build agent's system properties and environment variables are defined, and then you specify requirements for the build agent in build configuration settings. This allows you to run windows-specific builds on windows build agents and to run builds which require WebLogic only on build agents that have WebLogic installed.

If a build configuration doesn't have specific requirements, it can run on any available build agent.

Sometimes, however, this isn't desirable behaviour. You may want to have a build agent, which only runs one (or two) specific build configurations, even if there are a number of build configurations compatible with the build agent. This is now possible with the new run configuration policy:

Projects My Changes Agents (22) Build Queue (15) Administration My Settings & Tools

Agent Details :: DotTraceTests_amd64

Connected agents

Agent summary Compatible configurations Build runners System properties Environment variables

Current run configuration policy: Run selected configurations only

Only selected build configurations can run on this agent.

Compatible configurations (7)	Incompatible configurations (102)
<input checked="" type="checkbox"/> dotTrace-2.0 :: PerformanceTests_amd64	<input type="checkbox"/> Agra :: IntegrationBuild Unmet requirements: 'system.VSS2005', 'system.VS2003', 'system.VSS', 'system.VSS6', 'system.DotNetFramework1.1', 'system.VS2005'
<input checked="" type="checkbox"/> dotTrace-2.0 :: StressTests_amd64	<input type="checkbox"/> Agra :: IntegrationBuild (MySQL) Unmet requirements: 'system.use.mysql.db'
<input checked="" type="checkbox"/> dotTrace-3.0 :: PerformanceTests_amd64	<input type="checkbox"/> Agra :: MasterBuild Unmet requirements: 'env.JAVA_HOME', 'system.VSS2005', 'system.VS2003', 'system.VSS', 'system.VSS6', 'system.DotNetFramework1.1', 'system.VS2005'
<input checked="" type="checkbox"/> dotTrace-3.0 :: StressTests_amd64	
<input checked="" type="checkbox"/> dotTrace-Main :: PerformanceTests_amd64	
<input checked="" type="checkbox"/> dotTrace-Main :: StressTests_amd64	
<input type="checkbox"/> RCodeDup :: TeamCity plugin	

UI improvements

First of all width of TeamCity UI is not limited to 1024px anymore. It will take as much space as your screen allows. Next, quick links popup is replaced with tabs on build configuration home page. Note that there is a "Settings" tab. On this tab you can review build configuration settings and navigate to corresponding section of build configuration in Administration zone. There is also "Edit Configuration Settings" popup for faster navigating to administer various aspects of build configuration.

Projects My Changes Agents (21) Build Queue (3) Administration My Settings & Tools

Benares :: IntegrationBuild (MySQL) [Edit Configuration Settings](#)

Overview History Change Log Compatible Agents (5) Pending Changes (0) Settings

Current status Running 3 builds [Run](#)

#5530	Tests passed: 56, ignored: 2	No artifacts	Changes (1)	started: 01 Aug 11:09	Stop build
#5529	target: compile.module.clearcase.production	No artifacts	Changes (1)	started: 01 Aug 11:03	Stop build
#5528	Tests failed: 1 (1 new), passed: 1052, ignored: 16	No artifacts	Changes (1)	started: 01 Aug 10:35	Stop build

Pending changes for the next build: no pending changes.

Can run on: 5 agents

The build configuration is currently active [Pause](#)

Click the button to enforce clean checkout for this build configuration on all build agents [Clean sources](#)

On a build page tabs are moved to the left side. More details are shown for elapsed / estimated time of a build.

Projects My Changes Agents (21) Build Queue (3)

Benares :: IntegrationBuild (MySQL) :: Build #5528

Overview Build Log Changes (1)

Overview of build #5528 (01 Aug 10:35)

Started:	01 Aug 10:35 Stop build
Time left:	overtime 16m:42s (passed: 43m:24s, estimate: 26m:42s)
Triggered by:	Perforce
Agent:	unit-121

On the server configuration settings page you can now review where TeamCity stores its data:

General Settings

TeamCity Configuration

Server URL: http://buildserver

Data directory: C:\Documents and Settings\builduser\BuildServer

Artifacts directory: C:\Documents and Settings\builduser\BuildServer\system\artifacts

Authentication Scheme

Current scheme: MS Windows NT domain authentication

Welcome text on the login page: Please, use your Windows domain\username in the username

Guest User

Guest user login Allow to login as a guest user
 Guest users have very few permissions and can access only a limited number of TeamCity's features. This mode suits perfectly well to the needs of a non-committer who just monitors the projects status.

Detection of hanged builds

TeamCity now applies a number of heuristics to detect hanged builds and to send notifications about such builds. You can opt in for the notification on the notifier settings pages.

Other issues

- [Detailed information about what triggered a build](#)
Unknown macro: {jiraissue}
- [Windows .exe and .tar.gz distributions are now bundled with Tomcat 6.0](#)
Unknown macro: {jiraissue}
- [New option for artifacts repository](#)
Unknown macro: {jiraissue}
- [New option to load properties and environment variables from a file](#)
Unknown macro: {jiraissue}
- [The .NET agent plugin now detects .NET Framework 3.5 and defines necessary properties. See \[corresponding documentation page\]\(#\) for more details.](#)
Unknown macro: {jiraissue}