Release notes - *IBM Rational Build Forge version 7.1.1.1*

Contents

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Build Forge version 7.1.1.1 is available. Compatibility, installation, and other getting-started issues are addressed.

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Description

IBM® Rational® Build Forge® is an adaptive process execution framework that automates, orchestrates, manages, and tracks all the processes between each handoff within the assembly line of software development, creating an automated software factory. IBM Rational Build Forge integrates into your current environment and supports major development languages, scripts, tools, and platforms; allowing you to continue to utilize your existing investments while adding valuable capabilities around process automation, acceleration, notification, and scheduling.

New and changed features

This release contains the following new or changed features:

- Project Quick Start, new default behavior: the Projects page now lists jobs without checking each job for its eligibility to be started immediately. When you click the blue Fast Start icon, the project is checked for the following conditions:
  - The project contains one or more steps.
  - No variable in the environments for the project is set to Must Change in the On Project variable property.

  If the check fails, then the Fast Start icon is greyed.

  This behavior can be changed using the new Enable Quickstart system setting. The depth of the environment check can be controlled with the new Must Change Variable Check Depth system setting.
- **Enable Quickstart**, new system setting: the default is NO, which enables the new default behavior. If set to YES, the Projects page checks *all* projects to

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determine if they are eligible for Quick Start. If a large number of projects are defined, the Projects page can take a long time to display the projects list. A green Quick Start icon indicates that a project can be started. This was the default behavior until this release.

- **Must Change Variable Check Depth**, new system setting: The default is 5, indicating that up to five levels of include are checked. Variables of type Include are used to include the variables of a specified environment. In the past there was no limit, which sometimes resulted in race conditions if environments included each other.

APARS fixed in this release

The following APARs were resolved for *Build Forge version 7.1.1.1*, Additional APARs may have been resolved since this document was written. See the support site for a list that is updated at the release date.

APAR	Headline	Internal RATLC
PK88909	Adaptors: Preparse is not removing correct number of dollar symbols ($) on variable intended for agent system Unix shell under adapter	RATLC01292170
PK83480	Agent: --without-libiconv switch does not work	RATLC01480270
PK85728	Agent: Using .bset and having an expression set in single quotes can cause expansion errors when expression evaluates to 0	RATLC01288720
PK87922	Agent: Solaris 10 agent cannot handle .bset with back ticks and no new line.	RATLC01291216
PK89927	Agent: _MAP trigger don't substitute variables in version 7.1.1 anymore.	RATLC01293163
PK91804	Agent: Java API Script does not behave the same for root and other users, despite permissions existing properly	RATLC01294950
PK80813	Documentation: 7.1.1: BUILDFORGE: DOC: BFQIS - Help contents are not displayed on Japanese user.	RATLC01155047
PK85803	Documentation: DOCS: JPO string condition needs to be documents	RATLC01288862
PK87689	Documentation: Doc Defect: Build Forge 7.1.1 Installation Guide - Management Console Installation Documentation Error	RATLC01291002
PK87923	Documentation: RAFW install documentation should list Unix pathname to install RAFW under Apache Tomcat provided with Build Forge	RATLC01291217
PK88133	Documentation: LDAP user mappings not honored if the user was created before map access group is enabled on the LDAP domain	RATLC01291432
PK88161	Documentation: Doc defect: Feature removed regarding html code rendering under step log is not documented.	RATLC01291451
PK88166	Documentation: Doc Defect: Documentation on template creation does not specify that project snapshot must also be selected	RATLC01291454
PK93178	Documentation: Installation docs refer to incorrect version of the Oracle instantclient	RATLC01296105

PK67664	Engine: USER LICENSE USAGE INCORRECTLY DISPLAYED IN MANAGEMENT CONSOLE	RATLC01398183
PK76320	Engine: AgentDisconnectError messages silently swallowed	RATLC01273189
PK80015	Engine: BF: Builds fail when filtering for fail with agent tracing enabled	RATLC01476831
PK85191	Engine: Setting sticky on calling project breaks sticky on inlined library	RATLC01288027
PK85779	Engine: Parent inline step will run fail chain if child step fails	RATLC01288832
PK85981	Engine: BF: Adaptor runs are appearrng under complete tab	RATLC01289078
PK86618	Engine: Access Groups not inherited properly for build runs	RATLC01289772
PK87048	Engine: Tag variables cannot be referenced by Project/Step variables	RATLC01290218
PK87465	Engine: Run-command manifest value removed during refresh, causing builds to fail if selector relies on run-command manifest value	RATLC01290753
PK87818	Engine: A scheduled project with an environment leaves orphan bf_buildenv entries when scheduled then clobbered	RATLC01291141
PK87915	Engine: 7.1.x console cancels step prematurely when it receives an agent message it can't translate	RATLC01291208
PK87990	Engine: Condition ignored on threaded steps that inline libraries with threaded steps	RATLC01291302
PK88335	Engine: Pulldown variable from 7.0.2 will import into 7.1/7.1.1 with null value and cause project to become unrunnable	RATLC01291690
PK88386	Engine: Purging process errors	RATLC01291718
PK88388	Engine: Builds Cancelled without any reason	RATLC01291723
PK90200	Engine: Importing xml files from 3.8 into 7.1 fails to import the environment variable values	RATLC01293447
PK91683	Engine: The migration to 7.1.1 from 7.0.1 fails with duplicate index error on DB2.	RATLC01294844
PK92433	Engine: Filters are incorrectly applied to the "start" and "end" lines of log output	RATLC01295501
PK93020	Engine: BF 7.1.1 slow export with MySQL and in-line projects	RATLC01295931
PK84583	Migration: Migration states that only config data is migrated, however Admin > System and root's password are not migrated	RATLC01287163
PK92879	Migration: Duplicate env group names fail a migration	RATLC01295788
PK84870	Build Forge Monitor: step order is incorrect & step numbers are missing.	RATLC01265465
PK85739	BF: Cannot modify or delete imported servers	RATLC01288747
PK81546	Services: Unable to delete an environment with associated jobs	RATLC01282917

PK85573	Services: Schedules are uneditable when made from a project with an environment set to it.	RATLC01288500
PK87919	Services: email address is required for LDAP authentication	RATLC01484499
PK87924	Services: Filter flyout menus go the wrong way using Oracle backend	RATLC01291221
PK89540	Services: The JDBC driver through services is using nvarchar to bind variables instead of varchar on SQL Server.	RATLC01292735
PK90118	Services: 7.1.1 Can't delete users that have UI filters associated with them	RATLC01293349
PK91953	Services: Step Cancel button is not functional under Build Forge 7.1.1	RATLC01295100
PK92319	Services: Copying environment groups with pulldown variable do not retain pulldown default values.	RATLC01295404
PK92614	Services: User cannot be deleted after creating and running a project with a filter	RATLC01295630
PK84254	UI: BF : 7.1 : Calendar Start Day Of Week always reverts back to Sunday	RATLC01286719
PK84741	UI: Ability to alphabetically sort groups on the change group tab	RATLC01266074
PK85079	UI: Help link under the UI Config tab opens a new window/tab with "Page Not Found" error.	RATLC01287853
PK85104	UI: Unable to login under LDAP with username of opposite case	RATLC01287915
PK89738	UI: BF 7.1.1 Unable to change Calendar Start Day Of Week	RATLC01292953
PK80583	UI: Unable to create nested BOM sections from separate commands	RATLC01281560
PK84248	UI: BF : 7.1 : Time Zones (at least for Europe) incorrect by one hour. (-1 hour)	RATLC01286716
PK84486	UI: BF: Auto logoff does not work if browser is closed	RATLC01481323
PK85377	UI: BF: Steps that inline or chain projects do not display as linked	RATLC01482135
PK86090	UI: BF 7.1 - Start Project > Project Tags > Editable Tags is ignored.	RATLC01289209
PK86111	UI: BF 7.1 : Double load of an environment will strip pulldown variables during the run	RATLC01289230
PK86130	UI: Step results list and build log lines are out of order	RATLC01289255
PK87222	UI: Environment Copies display different default selections in lower and upper pane of "Add Environment Varible"	RATLC01290427
PK87233	UI: Step gets renamed after switching to a new step	RATLC01290456
PK87646	UI: BF: Takes 30s to 1m to load project page	RATLC01484247
PK87804	UI: Jobs manually started do not honor tag padding.	RATLC01291127

PK88510	UI: Scheduled job with "Dates" set to "08" or "09" do not appear under Calendar	RATLC01291838
PK89157	UI: Changing the B value does not alter the build tag as expected	RATLC01292380
PK89487	UI: Notification templates do not specify assigned project snapshot	RATLC01292697
PK89735	UI: 7.1.1 pull-down variables set to 'Required' on project not showing up as pull-down	RATLC01292947
PK90342	UI: Paging arrows/controls disappear when displaying all projects	RATLC01293642
PK90366	UI: Schedule jobs with environment set containing pulldown variables will only use first option	RATLC01293669
PK90641	UI: Setting project run limit to any value other than Unlimited disables quickstart button	RATLC01293920
PK85591	UI Reports: BF 7.1 : Running performance report results in timeout error on Windows Japanese version	RATLC01288545

Announcement

The *Build Forge version 7.1.1.1* announcement is available at www.ibm.com/common/ssi/index.wss. See the announcement for the following information:

- Detailed product description, including a description of new features
- Hardware and software requirements
- Software services and support availabity
- Packaging and ordering details
- International compatibility information

Compatibility issues with earlier versions

The database table architecture changed in version 7.1. Build Forge configuration data and historical data need to be migrated from the old database table architecture.

System requirements

For information about hardware and software compatibility, see *Build Forge version 7.1.1.1 Installation Guide*. It can be downloaded along with the software.

Installing *Build Forge version 7.1.1.1*

For step-by-step installation instructions, see *Build Forge version 7.1.1.1 Installation Guide*. It can be downloaded along with the software.

Known problems

Known problems are documented in the form of individual TechNotes in the Support knowledge base at http://www.ibm.com/software/rational/support/. As problems are discovered and resolved, the IBM Support team updates the knowledge base. By searching the knowledge base, you can quickly find workarounds or solutions.

- Reported issues, Rational Build Forge Version 7.1.1.1

http://www.ibm.com/support/search.wss?rs=3099&tc=SS2MGB&q=RN7.1.1.1&rankprofile=8

- Reported issues, Rational Build Forge Version 7.1.1

    http://www.ibm.com/support/search.wss?rs=3099&tc=SS2MGB&q=RN7.1.1&rankprofile=8

- Reported issues, Rational Build Forge Version 7.1

    http://www.ibm.com/support/search.wss?rs=3099&tc=SS2MGB&q=RN7.1C&rankprofile=8

At the IBM Rational Build Forge support site you can also run your own queries to request additional types of information:

- Downloads
- Flashes (Alerts)
- News
- Product information and publications
- Troubleshooting (with a broader scope than the URLs provide)

Related information

 Contacting IBM Support