



# What's New in the Build Forge System Version 7.0.2.5

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# IBM Rational Build Forge What's New

This guide lists new features and known issues, including workarounds for the issues where possible.

Before using this information be sure to read the general information under [“Notices for IBM Rational Build Forge” on page 8](#)

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This edition applies to IBM<sup>®</sup> Rational<sup>®</sup> Build Forge<sup>®</sup> 7.0.2.

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# About the Release

This document provides information about enhancements, resolved problems, and known issues in version 7.0.2.5 of the Build Forge product.

## Installing this release

Before installing this release, obtain the latest version of the *IBM Rational Build Forge Installation Guide*.

Express Edition users can use the *IBM Rational Build Forge Express Installation Guide*.

The installation guide provides detailed instructions for installing the product and upgrading from previous versions.

Important updates include information related to national language support, prerequisite software, and supported platforms and databases. Review the information in the installation guide before starting an installation or upgrade.

## Getting the latest release notes

Important updates to this document may have been made since it was prepared for the product release. Download the updated edition from the IBM Publications Center, as follows:

1. Go to <http://www.ibm.com/shop/publications/order>.
2. Click **Search for Publications**.
3. In the Publications number field, enter the document number from the title page of this document.

# Fixed in This Version

This section lists problems that have been fixed in the current release. They are identified by their APAR defect tracking numbers.

The Description text is copied directly from the internal tracking database (RATLC) and may contain spelling or grammatical errors.

APAR	Description	Internal
PK73235	Adaptors: Adaptor names with spaces fail to run on linux	RATLC01269693
PK73043	Adaptors: Altering environments from an inlined adaptor causes unreliable results/duplicate occurrences of the variable	RATLC01269305
PK74410	Adaptors; Adaptors cannot run if _MAXJOBS is set to 1 on the agent	RATLC01272147
PK72566	Mapping network drives does not work when using - \\server\share(username,password) 7.0.2+ agents	RATLC01268286
PK72462	Agent: The CPU_ARCH variable does not populate Xeon processor information correctly	RATLC01237764
PK71912	Agent: _LOG does not throw a warning or error when it fails to write	RATLC01258751
PK71569	Agent: Post 7.0.2 ifix 2 GA agent versions do not properly handle the TMP and TEMP	RATLC01266322
PK71248	Agent: .scan checkpoint fails on files larger than 2GB	RATLC01265534
PK73865	API: PERL API for DBO:User setPasswordExpires incorrect	RATLC01271041
PK72459	getPermissionList() API call does not return correct/full list of permissions	RATLC01237761
PK72151	API: Doesn't handle GDD.	RATLC01020506
PK74895	Doc: .defect documentation in online help discusses adaptor links, which do not work for defect adaptors	RATLC01273260
PK74497	BF: Silently fails when creating a tag variable that starts with "BF_"	RATLC01240219
PK73463	Doc: engine parses out \$ char from passwords in _MAP variable	RATLC01270037
PK72764	RFE Mac agent should source logon profile out of the box for 10.5	RATLC01268701
PK72537	Doc: stdout is handled differently when running as an adaptor or as a regular step in BuildForge	RATLC01268183
PK56103	Doc: Importing a project into Build Forge which has notifies set for projects or steps causes unexpected behavior	RATLC01041590
PK85339	Engine: projects using semaphores leave system in a state where no projects can be run	RATLC01288219

APAR	Description	Internal
PK79690	Engine: Threaded steps calling adaptors exceed maxjobs cause deadlock	RATLC01280124
PK76476	Engine: ownership checks do not recurse into subgroups for complex hierarchies	RATLC01275682
PK76451	Engine: tset variables not visible from inlined library	RATLC01275654
PK74685	Engine: Inlined libraries no longer inherit step's environment	RATLC01272774
PK74616	Engine: Enabling Inherit Tag causes chained projects to hang	RATLC01272594
PK74409	Engine: Broadcast library step always run on first selection hit	RATLC01272143
PK74390	Engine: Incorrect usage of format strings in .date environment variables causes steps to fail	RATLC01271921
PK74320	Engine: After upgrading to 7.0.2 ifix 3, messages are populated in notifications and in the db.log regarding trashing	RATLC01271943
PK73872	Engine: tag variables incremented when must-change vars prevent build execution	RATLC01271058
PK73778	Engine: The ko_KR.ini file has an invalid sprintf entry for StepStartPart.	RATLC01270848
PK73672	Engine: step logs not visible after project restart with sync steps enabled	RATLC01270532
PK73297	Engine: The BF engine emits Use of uninitialized value in pattern match errors in the foreground capture	RATLC01269788
PK72902	Engine: Project run from Start on purge are using calling projects selector	RATLC01269006
PK72646	Engine: The bfindport -r process replaces current LDAP users if there is a like local BF user in the export file	RATLC01268481
PK72600	Engine: Adapter parameters do not allow spaces in the parameter list	RATLC01268378
PK71545	Engine: BF_RESERVE not being honored	RATLC01266224
PK71489	Engine: Environments are not being applied correctly on projects chained on Class promotion	RATLC01266110
PK71409	Engine: BF: Build Forge project did not stop on AgentReadError	RATLC01265872
PK71346	Engine: bfsched.pl has a memory leak, usage increases greatly	RATLC01236549
PK71140	Engine: fail chain not executed at project level for "Warning" builds	RATLC01265241
PK68782	Engine: Pass chains from the project level incorrectly make some BF variables BF_CALLER_CALLER	RATLC01259162

APAR	Description	Internal
PK68572	Engine: Broadcast threaded step fails to complete if one of the steps which are threaded fails.	RATLC01258576
PK68067	Engine: IN-LINE SERIAL STEPS CALLED FROM THREADED STEPS WAIT FOR THE PARENT LEVEL THREADED STEPS TO COMPLETE.	RATLC01398186
PK59070	Engine: threaded step with fail chain causes project to become unresponsive	RATLC01047513
PK71485	Installer: Deprecated Perl API is not included in distribution	RATLC01266104
PK58446	Services: Build forge 7.0.2 does not store LDAP passwords in database with Store User Authentication Locally set to Yes-fix attached	RATLC01045593
PK75436	UI: Access Groups Page allows deleting an access group that still owns a selector	RATLC01274090
PK76546	UI: LDAP login fails if displayname or mailname contain mixed case attributes	RATLC01275747
PK73729	UI: project restart forgets variable overrides on sqlserver	RATLC01270778
PK72391	UI: Some languages omit AM and PM in long and full date\time formats	RATLC01267784
PK72134	UI: Scrollbar for the job filter drop-down menu	RATLC01266066
PK71972	UI: LDAP users using upper case logins fail for Oracle backend DBs.	RATLC01267094
PK70381	UI: Environment lists made up of variables making use of the new Expand Env Var option do not honor must change setting	RATLC01263499
PK73655	Reports: quickReport> Query "to" dropdown nonfunctional	RATLC01270478

# Known Issues

Get current information about issues and solutions at the support web site. The following URLs are queries that return issues that pertain to Version 7.0.2.5. They were identified and confirmed by Build Forge development at release. Issues reported after release are added to the support site as they are found.

The known issues include issues brought forward from previous releases. In some cases the issues are related to 3rd-party software issues or other issues not within the control of IBM Rational Build Forge.

- Reported issues, Rational Build Forge Version 7.1

<http://www.ibm.com/support/search.wss?rs=3099&tc=SS2MGB&q=RN7.0.2.5&rankprofile=8>

- Resolved issues, Rational Build Forge Version 7.1

<http://www.ibm.com/support/search.wss?rs=3099&tc=SS2MGB&q=RN7.0.2.5C&rankprofile=8>

At the [IBM Rational Build Forge support site](http://www-01.ibm.com/software/awdtools/buildforge/support/) [<http://www-01.ibm.com/software/awdtools/buildforge/support/>] 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)



# Contacting IBM Customer Support for Rational Products

If you have questions about installing, using, or maintaining this product, contact IBM Customer Support as follows:

The IBM software support Internet site provides you with self-help resources and electronic problem submission. The IBM Software Support Home page for Rational products can be found at <http://www.ibm.com/software/rational/support/>.

Voice Support is available to all current contract holders by dialing a telephone number in your country (where available). For specific country phone numbers, go to <http://www.ibm.com/planetwide/>.

## Note

When you contact IBM Customer Support, please be prepared to supply the following information:

- Your name, company name, ICN number, telephone number, and e-mail address
- Your operating system, version number, and any service packs or patches you have applied
- Product name and release number
- Your PMR number (if you are following up on a previously reported problem)

## Downloading the IBM Support Assistant

The IBM Support Assistant (ISA) is a locally installed serviceability workbench that makes it both easier and simpler to resolve software product problems. ISA is a free, stand-alone application that you download from IBM and install on any number of machines. It runs on AIX, (RedHat Enterprise Linux<sup>®</sup> AS), HP-UX, Solaris, and Windows<sup>®</sup> platforms.

ISA includes these features:

- Federated search
- Data collection
- Problem submission
- Education roadmaps

For more information about ISA, including instructions for downloading and installing ISA and product plug-ins, go to the ISA Software Support page.

IBM Support Assistant: <http://www.ibm.com/software/support/isa/>.

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