
GemStone®

GemStone/S 64 Bit Release Notes

Version 2.3.1.6

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GEMSTONE[™] S 64

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PATENTS

GemStone is covered by U.S. Patent Number 6,256,637 "Transactional virtual machine architecture", Patent Number 6,360,219 "Object queues with concurrent updating", and Patent Number 6,567,905 "Generational Garbage Collector". GemStone may also be covered by one or more pending United States patent applications.

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Overview

GemStone/S 64 Bit 2.3.1.6 is a special release version of the GemStone/S 64 Bit object server. This special release fixes a number of serious bugs; the details of these changes are provided in this document.

These release notes provide changes between the previous version of GemStone/S 64 Bit, version 2.3.1.5, and version 2.3.1.6. If you are upgrading from a version prior to 2.3.1.5, please also review the release notes for each intermediate release to see the full set of changes.

No separate Installation Guides are provided with this special release. For installation instructions, use the Installation Guides for version 2.3.

This version is available for Solaris on Sparc, Solaris on x86, AIX, HP on Itanium, and Linux.

Technical Support new site

GemStone Technical Support has a new Help Request system. Customers with support agreements are invited to submit Help Requests to:

<http://techsupport.gemstone.com>

Bugs Fixed

The following bugs in GemStone/S 64 Bit 2.3.1.5 have been fixed in GemStone/S 64 Bit 2.3.1.6.

Out of memory error in code_gen

The area of temporary object memory used to store code could become full before garbage collection on this area was triggered, resulting in out of memory errors. (#40042)

Corrupt object error during GBS flush

Under rare conditions, GBS object flush to the gem may have triggered corrupt object errors. (#40035)

Indexes incorrect with LargePositiveIntegers in SmallInteger range

The indexed comparison for SmallIntegers and LargeIntegers that are within a portion of the new range of SmallIntegers was incorrect, resulting in incorrect indexed query results. (#40025)