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GemStone®

# *GemStone/S 64 Bit Release Notes*

Version 2.2.5.3

June 2008

GEMSTONE<sup>™</sup> 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 2.2.5.3 is a new version of the GemStone/S 64 Bit object server. This release fixes a critical bug; details of the changes are provided in this document.

These release notes provide the changes between the previous version of GemStone/S 64 Bit, version 2.2.5.2, and version 2.2.5.3. If you are upgrading from a version prior to 2.2.5.2, please also review the release notes for each intermediate release to see the full set of changes.

No separate Installation Guide is provided with this release. For installation instructions, use the Installation Guide for version 2.2.5.2.

## Bug Fixed

### User actions fail to build correctly

Changes in dependencies in the include files for internal GemStone builds resulted in dependencies on files that are not part of the distribution. This meant that it was not possible to build user actions. (#39029)

### GCI applications may fail to build due to unresolved references

The link step of building a GCI application failed with unresolved symbols, including GemStone API entry points and zlib references. The GemStone API symbols are now correctly exported. Zlib is an open source library, not part of GemStone; this library can be downloaded and built if these functions are needed. (#39089)

