
GemStone®

GemStone/S *Release Notes*

Special Limited Distribution Release

Version 6.6.2.1

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vmware®

GEMSTONE[™]
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PATENTS

GemStone software is covered by U.S. Patent Number 6,256,637 "Transactional virtual machine architecture", Patent Number 6,360,219 "Object queues with concurrent updating", Patent Number 6,567,905 "Generational garbage collector with persistent object cache", and Patent Number 6,681,226 "Selective pessimistic locking for a concurrently updateable database". GemStone software may also be covered by one or more pending United States patent applications.

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GemStone/S 6.6.2.1 Release Notes (Special Limited Distribution Release)

Overview

GemStone/S 6.6.2.1 is a new limited distribution special release version of the GemStone 32-bit Smalltalk object server, providing the fix for a serious bug that resulted in stone memory growth, with the risk of stone out of memory crash.

These release notes provide changes between the previous version of GemStone/S, version 6.6.2, and version 6.6.2.1. If you are upgrading from a version prior to 6.6.2, please also review the release notes for each intermediate release to see the full set of changes.

For details about installing GemStone/S 6.6.2.1 or upgrading from earlier versions of GemStone/S, see the *GemStone/S Installation Guide* for version 6.6.2.

Supported Platform

GemStone/S version 6.6.2.1 is supported on the following platforms:

- ▶ AIX 5.3, 6.1, and 7.1

For more information and detailed requirements, please refer to the *GemStone/S Installation Guide* v6.6.2.

Bug Fixed

Memory leak in Stone with use of notifiers

Gem signalling allocates memory on the C heap of the Stone's process. When notifiers are used, in some cases this memory was not freed, resulting in growth of the stone memory footprint. This ultimately could cause the stone to run out of memory and crash with a malloc error. (#42464)

