
GemStone®

GemConnect Release Notes

Version 2.0.1

March 2007

GEMSTONE ™

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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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GemConnect 2.0.1

Release Notes

GemConnect version 2.0.1 is a new release of the GemConnect product, providing the fix for an important bug related to the change in Daylight Savings Time rules that takes effect in 2007.

Note that you may need to apply GemStone server patch TimeZone2007, and the appropriate operating system and Oracle patches, to ensure DateTimes are correct in your application.

The GemStone server patch is available at:

http://support.gemstone.com/gemstone_s/downloads/patches/timezone

For Oracle patches, see the Oracle MetaLink site under 359145.1 and 402742.1.

This version of GemConnect supports both GemStone/S 6.x and GemStone/S 64 Bit versions 1.x and 2.x.

No specific installation guide is provided with this patch release. To install GemConnect version 2.0.1, follow the instructions in the *GemConnect Installation Guide* for version 2.0.

Fixed Bug

GemConnect does not handle 2007 DST changes

The rules governing the start and end of Daylight Savings Time have been changed for the US and Canada, starting in 2007. DST will start earlier and end later.

GemConnect shared libraries include internal C code that implements the old rules. This means that instances of DateTime read into GemStone from Oracle via GemConnect, for US TimeZones, representing times in the period from March 11, 2007 to April 1, 2007, will be incorrect by one hour. A similar problem exists for the period of change at the end of DST, and the equivalent times in subsequent years. (#36402)

