GemStone®

GemConnect
Release Notes

Version 2.1.1

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GemConnect 2.1.1 Release Notes

GemConnect version 2.1.1 is a new release of the GemConnect product. This release adds support for GemStone/S 64 Bit version 2.3, several new platforms, and fixes an important bug.

This version of GemConnect supports GemStone/S 64 Bit version 2.3 only. It does not support 32-bit GemStone/S, nor GemStone/S 64 Bit 1.x. GemConnent version 2.1.1 is likely to work with GemStone/S 64 Bit versions 2.1 and later, but versions earlier than 2.3 have not been tested. To use older versions, it may be necessary to relink the GemConnect library, and/or setup symbolic links in the $ORACLE_HOME/lib directories.

These release notes provide details of the changes between the previous version of GemConnect, version 2.1, and version 2.1.1. If you are upgrading from a version prior to 2.1, please also review the release notes for each intermediate release to see the full set of changes.

To install GemConnect version 2.1.1, follow the instructions in the *GemConnect Installation Guide*.

Changes and New Features

New Platforms

The following new platforms are supported. These platforms are newly supported by GemStone/S 64 Bit 2.3.

▸ HP-UX on Itanium

▸ Solaris on Intel x86

For details on all supported platforms, see the *GemConnect Installation Guide*.

Bug Fix

The following bug has been fixed since release 2.1:

SEGV on execution of stored procedure that exceeds 120 characters

Internal storage for Oracle table column names was limited to 120 characters, including a concluding NULL character. While usually adequate for a normal column name, Oracle SQL also allows the use of stored procedure names and their argument lists in place of a column name. For stored procedures with long names and/or lengthy argument lists, this could exceed the 120 character limit, causing memory corruption and a SEGV violation. (#39360)

The field size has been increased to 999, and if input exceeds this length an error will now be retuned.