GemStone®

GemBuilder® for Java
Release Notes

Version 3.2.1

March 2026

Doc rev 76.1

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SYSTEMS

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TRADEMARKS

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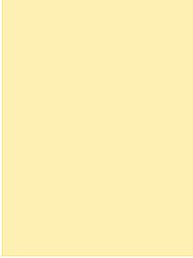
Preface

About This Documentation

These Release Notes describe the changes in the GemBuilder® for Java version 3.2.1 release. Read these release notes carefully before you begin installation, upgrade, or development with this release.

For information on installing or upgrading to this version of GemBuilder for Java, please refer to the *GemBuilder for Java Installation Guide* for version 3.2.1.

Technical Support

Support Website

gemtalksystems.com

GemTalk's website provides a variety of resources to help you use GemTalk products:

▸ **Documentation** for the current and for previous released versions of all GemTalk products, in PDF form.

▸ **Product download** for the current and selected recent versions of GemTalk software.

▸ **Bugnotes**, identifying performance issues or error conditions that you may encounter when using a GemTalk product.

▸ **Supplemental Documentation** and **TechTips**, providing information and instructions that are not in the regular documentation.

▸ **Compatibility matrices**, listing supported platforms for GemTalk product versions.

We recommend checking this site on a regular basis for the latest updates.

Help Requests

GemTalk Technical Support is limited to customers with current support contracts. Requests for technical assistance may be submitted online (including by email), or by telephone. We recommend you use telephone contact only for urgent requests that require immediate evaluation, such as a production system down. The support website is the preferred way to contact Technical Support.

Website: <u>techsupport.gemtalksystems.com</u>

Email: techsupport@gemtalksystems.com

Telephone: (800) 243-4772 or (503) 766-4702

Please include the following, in addition to a description of the issue:

▶ The versions of GemBuilder for Java, GemStone, and of all related GemTalk products, and of any other related products, and the operating system and version you are using.

▶ Exact error message received, if any, including log files and statmonitor data if appropriate.

Technical Support is available from 8am to 5pm Pacific Time, Monday through Friday, excluding GemTalk holidays.

24x7 Emergency Technical Support

GemTalk offers, at an additional charge, 24x7 emergency technical support. This support entitles customers to contact us 24 hours a day, 7 days a week, 365 days a year, for issues impacting a production system. For more details, contact GemTalk Support Renewals.

Training and Consulting

GemTalk Professional Services provide consulting to help you succeed with GemStone products. Training for GemStone/S is available at your location, and training courses are offered periodically at our offices in Beaverton, Oregon. Contact GemTalk Professional Services for more details or to obtain consulting services.

Chapter

1 GemBuilder for Java 3.2.1 Release Notes

GemBuilder for Java (GBJ) version 3.2.1 is a new release of the GemBuilder for Java product, adding support for Windows clients.

These release notes provide details of the changes between the previous version of GBJ, version 3.2, and this release. If you are upgrading from a version earlier than 3.2, please refer to the *Release Notes* for each intermediate release as well. GBJ 3.2 included significant changes in the infrastructure involved in connecting to the GemStone server, and how RPC vs. linked sessions are configured.

To install GemBuilder for Java v3.2.1, follow the instructions in the *GemBuilder for Java Installation Guide* for v3.2.1.

Supported Platforms

GemBuilder for Java version 3.2.1 is compatible with GemStone/S 64 Bit v3.7.5 and later only, with GemStone clients on Linux and Windows.

Supported Java JDK

GBJ v3.2.1 requires Java version 8.

It was built and tested using 1.8.0_102 on Linux on x86_64, and with 1.8.0_402 on Linux on ARM.

Known Issue

In linked GBJ sessions on Linux, it is possible to see errors such as "offset from code memory to libgcilnk.so exceeds 32bits". The workaround for this is to set

```
GEM_NATIVE_CODE_ENABLED=0;
```

in the gem configuration file read by the libgcilnk when loaded by the Java vm (#51701).