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*GemStone*®

# Visual Statistics Display (VSD) Release Notes

**Version 4.0.1**

February 2015



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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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# VSD 4.0.1 Release Notes

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## Overview

Visual Statistics Display (VSD) version 4.0.1 is a new version of the VSD product. With v4.0.1, VSD now fully supports millisecond timestamps. Note however that millisecond timestamps are not yet generated by released server or GBS versions. In addition, this release includes several bug fixes.

These release notes include changes since VSD version 4.0.

This version of VSD, like previous versions, can read statmonitor files generated from:

- ▶ All versions of GemStone/S 64 Bit through v3.2.4
- ▶ All versions of 32-bit GemStone/S
- ▶ All versions of GBS through v7.6.1

## Supported Platforms

### Platforms for Version 4.0.1

VSD version 4.0.1 is supported on the following platforms:

- ▶ Windows 7, Windows 2008 R2, and Windows 8
- ▶ Solaris 10 and 11 on SPARC
- ▶ Solaris 10 on x86
- ▶ AIX 6.1, TL1, SP1, and AIX 7.1
- ▶ Red Hat Linux ES 6.1, 6.4 and 6.5; Ubuntu 12.04; and SUSE Linux Enterprise 11 Service Pack 3, on x86
- ▶ Mac OSX 10.6.8 (Snow Leopard), with Darwin 10.8.0 kernel, on x86

## **Changes in this Release**

### **Per-second calculation of statistics values are incorrectly 1000x high**

VSD includes options to display statistics values as per sample, without adjustment to the value, or as per-second, which calculates based on the sample rate. This per-second calculation was incorrect, so the values displayed were 1000x higher than the correct result. (#45011)

### **F12 is now a hot key for VSD**

Now, when the F12 key is pressed while within any VSD window, focus goes to the VSD main window. This window will come to the front and be un-minimized as necessary.