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*GemStone*®



# Visual Statistics Display (VSD) Release Notes

**Version 5.5.2**

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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 5.5.2 Release Notes

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## Overview

Visual Statistics Display (VSD) version 5.5.2 is a new release of the VSD product, including new platform support and minor updates.

These release notes describe changes between the previous version of VSD, version 5.5.1, and version 5.5.2.

This version of VSD supports statmonitor files generated from:

- ▶ All versions of GemStone/S 64 Bit™
- ▶ All versions of 32-bit GemStone/S
- ▶ All versions of GemBuilder™ for Smalltalk (GBS)

## VSD and GemStone/S 64 Bit 3.6

GemStone/S 64 Bit 3.6 writes statmonitor data files with a slightly updated format, with a new line containing the statmonitor command line. As a result, VSD 5.5 or later is required in order to read statmonitor files generated by GS64 v3.6 or later.

This version of VSD, and all VSD 5.5.x versions, can read data files generated by older versions of GS64, as well as by v3.6 and later.

## Supported Platforms

VSD version 5.5.2 is verified and supported on the following platforms:

- ▶ (64-bit) Windows 7 and Windows 10
- ▶ Solaris 11.4 on x86
- ▶ AIX 7.1 and 7.2
- ▶ Red Hat/Centos Linux ES 6.x, 7.x and 8.x; and Ubuntu 16.04, 18.04, and 20.04 on x86; Ubuntu 18.04 on arm64
- ▶ OSX 11.1 (Big Sur) with Darwin 20.2.0 kernel on x86 and Apple M1, and OSX 10.15.6 (Catalina) with Darwin 19.6.0 kernel, on x86

## Changes and Bug Fixes

### Distribution available for Linux on ARM and MacOS on Apple M1

VSD is now available for Linux on the ARM platform and for MacOS on the Apple M1 platform.

### Hide Instance by Type now includes NetLDI

Recent GemStone/S 64 Bit include monitoring for NetLDI processes. Now, the NetLDI processes can be hidden in VSD by using the process list menu item **Hide Instances By Type** and selecting **NetLDI**.

### Statistics alias used first definition found

If there are multiple statistics aliases, the first definition was used; since new aliases are commonly added at the end, it is more reliable to use the final definition found. (#49312)