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*GemStone*®



# Visual Statistics Display (VSD) Release Notes

**Version 5.6.1**

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GemStone software has been 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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### GemTalk Systems

15220 NW Greenbrier Parkway  
Suite 240  
Beaverton, OR 97006

# VSD 5.6.1 Release Notes

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## Overview

Visual Statistics Display (VSD) version 5.6.1 is a new release of the VSD product, including improvements for handling multiple appended files.

These release notes describe changes between the previous version of VSD, version 5.6, and version 5.6.1.

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)

## Supported Platforms

VSD version 5.6.1 is verified and supported on the following platforms:

- ▶ (64-bit) Windows 10 and Windows 11
- ▶ AIX 7.1 and 7.2
- ▶ Red Hat Enterprise Server/CentOS Linux/Rocky Linux/AlmaLinux 7.x, 8.x, and 9.x; Ubuntu 20.04 and 22.04 on x86; and Ubuntu 20.04 on arm64
- ▶ OSX 13.1 (Ventura) with Darwin 22.2.0 kernel, and OSX 12.6 (Monterey) with Darwin 21.6.0 kernel on x86; and OSX 11.6 (Big Sur) with Darwin 20.6.0 kernel on Apple silicon.

Windows 7, Red Hat 6.x, and Ubuntu 18.04 are expected to work, but as these are end-of-life, are not officially supported.

## Changes in this Release

### File Info dialog now lists appended files

Previously, when using `vsd -a` or the **File > Append Data File(s)...** option to append multiple files, there was no indication of the appended filenames, other than the first file loaded. Now, the **File > Info** dialog includes a new section listing each of the files that was appended.

The general name of the file, such as is displayed the **File:** drop down, remains that of the first file loaded.

### Disallowed to append statmonitor data generated by different GemStone versions

It is now disallowed to append statmonitor data files that were generated by different versions of GemStone. While earlier versions of VSD did not fail, it was not handled correctly and could produce unexpected results or later errors.

### File Info dialog timestamps displayed incorrectly with multiple appended files

When multiple files are appended, the **File > Info** dialog displayed a starting timestamp as the starting timestamp for the last file appended. Now, the timestamp for the first file loaded is displayed. (#50441)