

**SUNGARD**

**MARKETMAP**

MarketMap  
Analytic  
Platform

## **MarketMap Analytic Populator Release Notes**

Release 5.1  
October 21, 2011

This document is the MARKETMAP ANALYTIC POPULATOR RELEASE NOTES. It contains information about the changes in the latest release of Populator.

#### Release 5.1

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# What's new

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This section describes what's new, what has changed, and what is no longer supported in Populator, Release 5.1.

## FAME is now MarketMap Analytic Platform

The MarketMap Analytic Platform was formerly named FAME. The platform includes the following core components:

- ▲ MarketMap Analytic Database (formerly FAME database)
- ▲ MarketMap Analytic Server (formerly FRDB server)
- ▲ MarketMap Analytic Query Language (formerly FAME 4GL)
- ▲ MarketMap Analytic C++ Toolkit (formerly FAME C HLI)

Populator is now known as MarketMap Analytic Populator. The former FAME/OLE (FAME ActiveX Library) is now called as MarketMap Analytic ActiveX Toolkit. The former names occur extensively throughout the interface, and are used throughout the documentation to refer to the various components or the environment as a whole.

## What's new in Populator

This section describes what's new and what has changed in Populator, Release 5.1.

### Populator upgrade requires updating links in existing Excel workbooks

**Populator (FAMEData) formulas in any workbooks saved with earlier Populator versions cannot be refreshed using Populator 5.1 until you perform a quick, one-time update to each workbook.** This update is required because the file name of the Populator add-in changed from `famepop.xla` to `populator.xlam`. The update points the formula links to the new add-in file name. Instructions for performing the update are provided in the [MARKETMAP ANALYTIC POPULATOR INSTALLATION GUIDE](#).

If workbooks are shared across your organization, it is recommended that all users are upgraded to Populator 5.1 at the same time.

## FAME tab on the Excel Ribbon

The **FAME** tab is now available on the Excel Ribbon. This is different from all previous versions of Populator. All previous versions of Populator had a separate **FAME** drop-down menu on the command bar.

## Support for Excel 2010

Populator now works with Excel 2010 (32-bit and 64-bit).

## Different installer files for 32-bit and 64-bit Excel

Starting with version 5.1, Populator has two installers—one for 32-bit Excel and one for 64-bit Excel (Office 2010 only). Both installers only include the appropriate version of `fameole.dll` for the operating system on your machine (32-bit or 64-bit). Only one version of Excel is allowed to be installed on a machine at a time.

- ▲ For installing Populator on 32-bit Excel 2007 or 32-bit Excel 2010, use the **Populator\_51\_x86.msi** installation file.
- ▲ For installing Populator on 64-bit Excel 2010, use the **Populator\_51\_x64.msi** installation file.

## New folder structure after installation

After installing Populator 5.1, the Populator files are installed using the following folder structure:

Folder	Description
%FAME%\fameole.dll	FAME/OLE (FAME ActiveX Library)
%FAME%\fameole.pc	A 4GL module used by Populator to interface with FAME.
%FAME%\demo\FameX	Includes a zip file of source projects in various languages to demonstrate how to interface with the FAME/OLE (FAME ActiveX Library).
%FAME%\Populator\4GL	Includes sample 4GL utility files.
%FAME%\Populator\I18N	Includes files for optionally configuring string encoding for non-default character sets. See <a href="#">String encoding for supported languages</a> (p. 3) for more information about configuring string encoding for character sets in Populator.
%FAME%\Populator\Server	Includes files for configuring FAME Data servers and FAME remote servers.

In previous versions, the Populator files were installed in the folders `%FAME%\famepop` and `%FAME%\server`.

## 64-bit libraries

A 64-bit version of `fameole.dll` is now available to support Populator in 64-bit Excel and also to support customer code using the FAME/OLE Server (now called the FAME ActiveX Library) with other 64-bit applications.

## Monitoring C HLI calls

Starting with Populator 5.1 and the FAME ActiveX Library version 6.0, debug logging is available. When enabled, it will log calling parameters, result status, and elapsed time of each C HLI call made by the ActiveX library.

See the MARKETMAP ANALYTIC POPULATOR ONLINE HELP for more information about logging and monitoring C HLI calls in your Populator session.

## Improved conversion of FAME NUMERIC values to Excel

FAME has two different data types which can represent numbers. NUMERIC values are significant to about six places and PRECISION values are significant to about 14 places.

In Excel, all numbers are significant to about 14 places.

When NUMERIC values in FAME are converted to Excel values, the first six significant places are accurate but the others may be spurious. Starting with Populator 5.1, NUMERIC values are converted to PRECISION in FAME using a method which does not introduce spurious digits. The resulting PRECISION values are handed off to Excel without conversion.

You may find that the more accurate conversion imposes a performance tradeoff. If you want to opt for performance rather than accuracy, you can create an object called `WORK'quick_numeric_conversion`.

See the MARKETMAP ANALYTIC POPULATOR ONLINE HELP and the MARKETMAP ANALYTIC POPULATOR INSTALLATION GUIDE for more information about converting numeric values to precision values in Populator.

## String encoding for supported languages

Starting with Populator 5.1, string characters written to and read from FAME can be encoded with any Windows supported character set encoding. If the string encoding option is not selected, the default method of using ISO 8859-1 encoding is used.

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**Important** Not all of the language encodings will work in Populator. Only language encodings that preserve the lower 7 bits of English ASCII values can be used (for example, the ISO-8859 family of encodings). If the language encoding does not preserve the translation of the lower 7bit English text strings, the internal string commands sent to FAME as part of data access may be misinterpreted, resulting in confusing FAME error messages.

See the MARKETMAP ANALYTIC POPULATOR ONLINE HELP for more information about setting string encoding for supported character sets in your Populator session.

## Sample training workbook

Starting with Populator 5.1, a training workbook for Populator is available. This workbook provides instructions for setting up and using Populator, as well as examples that demonstrate its basic features. You can download the training workbook from the **MarketMap Analytic Populator** section of the **Downloads** area on the SunGard FAME support site:

[https://fame.sungard.com/support\\_secure/downloads.html](https://fame.sungard.com/support_secure/downloads.html)

## Populator Help button

Most dialog boxes include a new **Help** button that opens the MarketMap Analytic Populator Online Help. Previously, users accessed the MARKETMAP ANALYTIC POPULATOR ONLINE HELP through the **FAME** tab.

## New data in the Populator - More Information window

The **Populator - More Information** window now displays more comprehensive information than was available in previous versions of Populator. The **Populator - More Information** window can be accessed from the **FAME** tab by selecting **Resources > About Populator > More**.

## Retired features in Populator

This section describes the Populator features that are no longer supported.

### Catalog Browser

The Catalog Browser is no longer supported in Populator version 5.1 and later.

### Network installation using Popclient

The network installation option using Popclient is no longer supported in Populator version 5.1 and later.

### Load FAME procedures dialog box

The **Load FAME procedures** dialog box is no longer supported in Populator version 5.1 and later.

Your .pc files are not affected during the migration to Populator 5.1. It is recommended that you migrate any loaded .pc files to `fameole.inp` as a preparation to upgrading to Populator 5.1. From the **FAME** menu of the previous Populator version installed on your machine, perform the following steps:

1. Click **FAME > Settings > Load Procedures**.

The **Load FAME procedures** dialog box is displayed. The **Load FAME procedures** dialog box lists any currently loaded procedures.

2. Note down the pathname and add the pathname to `fameole.inp`. For example, if the **Load FAME procedures** dialog box shows an entry `c:\temp\myProc.pc`, then add the following line to `fameole.inp`:

```
load "c:\temp\myProc.pc"
```



# Bug fixes

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This section describes the bugs fixed in the Populator 5.1 release.

For information about the bugs fixed in Populator releases prior to 5.1, refer to the Populator 4.1 Revision 3, 4, and 5 Release Notes located on the **Documentation** page of the FAME Support Site at [www.fame.sungard.com/support.html](http://www.fame.sungard.com/support.html).

Bug ID	Issue Description
51772	If a call to the <code>CONVERT</code> function is in the series expression, results are returned at the target frequency of the <code>CONVERT</code> function, not the working frequency.
51320	FAME's Boolean values are translated to Boolean values which can be used directly in VBA.
51267	The Excel.xlb settings file no longer grows when Excel shuts down and restarts.
51226	Excel's Error Trapping setting no longer interferes with Populator's error handling.
51105	If a version of <code>chli.dll</code> newer than 10.1 Revision 0 Patch 6 is available, the Populator installer leaves it in place.
23744	Case numbers beyond 16.7 million are retrieved correctly by remote mode FAMEData servers.
23587	When the range is null, a specific error message is produced instead of the unhelpful <code>Null range error</code> .
23540	Refresh statistics are improved.
23109	If <code>cfmoprc</code> fails because <code>\$mcadbs_client_init</code> contains code which produces a 4GL error, Populator now displays a correct error message.
22919	When Excel starts, the Populator initialization no longer clears the clipboard.
22186 17518	Populator no longer produces errors about incorrect settings of the <code>%FAME_TEMP%</code> variable.
18590	The FAME Online Help link in Populator now correctly points to <a href="https://fame.sungard.com/support_secure/fame/online_help/index.html">https://fame.sungard.com/support_secure/fame/online_help/index.html</a> .
18221	Populator now correctly reports the C HLI version number with 5 digits after the decimal.
18161	The <b>Return dates as formatted strings</b> setting is displayed in the <b>Populator - More Information</b> window.
17884	Correct error messages are produced if usernames or passwords supplied to Populator are too long.

Bug ID	Issue Description
17871	Date values at FAME's weekly pattern frequencies are correctly converted to Excel dates.
13430	If the Populator installer detects that %FAME%\fame.exe and %FAME%\chli.dll exist, then it automatically installs Populator in %FAME%.
3506	When a bad <b>Start</b> or <b>End</b> parameter is supplied, a specific error message is produced instead of the unhelpful MAGIC or Missing values are illegal in a RANGE expression message.

# Known problems

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This section describes the known issues in the Populator 5.1 release.

If you are concerned about or affected by any of these issues, contact the FAME Software hotline for information on whether a patch release is available that addresses any of these issues.

Bug ID	Issue description
17825	User-defined weekly pattern frequencies are not supported in 'Create Screening Criteria' formulas.
17712	If you install Populator on a machine where <code>fame.exe</code> is not available, you will get a <code>HLI Internal failure (511)</code> error when you select <b>FAMEData Server</b> from <b>Settings</b> on the <b>FAME</b> tab in Excel.

# Publications

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Populator includes the following documentation. These publications are available from the **Documentation** area of the SunGard FAME Support site:  
[https://fame.sungard.com/support\\_secure/index.html](https://fame.sungard.com/support_secure/index.html)

- ▲ **MarketMap Analytic Populator Release Notes**

The MarketMap Analytic Populator Release Notes (this document) provide information about new features, enhancements, fixes to known problems, and existing problems.

- ▲ **MarketMap Analytic Populator Online Help**

The MarketMap Analytic Populator Online Help is a CHM file that is installed with Populator and accessible from the **FAME** tab on the Excel Ribbon or through context-sensitive **Help** buttons on any of the Populator dialog boxes.

- ▲ **MarketMap Analytic Populator Installation Guide**

The MarketMap Analytic Populator Installation Guide provides installation and setup instructions, as well as an introduction to the Populator dialog boxes and navigation.