Release Notes
Scribe Insight

Version: **7.9.0**

Release Date: **June 2, 2015**

> ⚠ Insight Version 7.9.0 significantly changes how connection information is saved. Before you upgrade to Insight Version 7.9.0, see What's New in Version 7.9.0.

This release of Scribe Insight includes the following version updates:

- Scribe Insight Version 7.9.0
- Scribe Adapter for Microsoft Dynamics AX Version 1.2.2
- Scribe Adapter for Microsoft Dynamics CRM Version 5.5.2
- Scribe Adapter for Microsoft Dynamics GP Version 4.4.1
- Scribe Adapter for Microsoft Dynamics NAV Version 2.0.1
- Scribe Adapter for Salesforce Version 2.8.1
- Scribe Adapter for SalesLogix Version 7.7.1
- Scribe Adapter for Web Services Version 1.5.3
- DataDirect 7.1x

Requirements

Supported Operating Systems

- Windows Server 2012 R2 Data Center and Standard Editions (x64)
- Windows Server 2012 Data Center and Standard Editions (x64)
- Windows Server 2008 R2 Enterprise and Standard Editions (x64)
- Windows Server 2008 Enterprise and Standard Editions (x32 & x64) with Service Pack 2
- Windows 8.1 Enterprise Edition (x32 & x64)
- Windows 8.0 Enterprise Edition (x32 & x64)
- Windows 7 Enterprise Edition (x32 & x64)

Microsoft Windows components

- Microsoft .NET Framework 4 or later
- IIS 7 with IIS 6 Management Compatibility Mode may be required, depending on the Scribe server Operating System version and installed components
- Microsoft Message Queuing Service (MSMQ)

Database

- Microsoft SQL Server 2014: Enterprise, Standard, and Express
- Microsoft SQL Server 2012: Enterprise, Standard, and Express
- Microsoft SQL Server 2008 R2: Enterprise and Standard
- Microsoft SQL Server 2008: Enterprise and Standard

For Scribe products, the SCRIBEINTERNAL database is supported only on Latin_General collation orders (either case-sensitive or case-insensitive).

Installing Scribe Insight 7.9.0

⚠️ Before installing Insight 7.9.0 with any supported edition of Windows Server 2012, you must turn on the Microsoft .NET 3.5 and .NET 4.5 features.

- Verify that you have your Scribe Serial Number to register your Scribe software. Find the Serial Number in the original sign-up email from Scribe Software, or in Scribe Workbench, select **Help>About Scribe Insight**. Contact your Scribe Sales representative if you have questions: sales@scribesoft.com.
- Verify your system is not using the following Microsoft components, which are no longer supported by Scribe:
  - o Windows Server 2003 (any edition)
  - o SQL Server 2005
  - o Windows XP / Windows Vista
- If you install Insight with any edition of Microsoft SQL Server 2012, you must edit the properties of the Scribe services to log on as a principal with proper rights, as described in the Scribe Insight Installation Guide.
- You may need to restart the computer as part of the installation process. Plan accordingly.
- In a new installation of 7.9.0, if you open a DTS from a previous version, you are prompted to cascade changes and to save a backup.
- Before you install Insight 7.9.0, see What's New in Version 7.9.0 for information about converting your DTS files.

Upgrading to Insight 7.9.0

⚠ DTS files that are upgraded to Insight 7.9.0 are not backwards compatible with previous versions of Scribe. Back up existing DTS files and the SCRIBEINTERNAL database before upgrading to Scribe Insight 7.9.0.

Before you upgrade to Insight 7.9.0:

- Verify that you have your Scribe Serial Number. To find the Serial Number, in Scribe Workbench, select **Help>About Scribe Insight**.

- Scribe recommends running ScribeMaintenance.sql to remove as many historical execution records as you can.

- If your Scribe Internal database has a large number of historical records, the upgrade script may not be able to apply new indexes to the database and an index error may occur. If you receive an index error during the upgrade, create the indexes in the SQL Server Management Studio by running the appropriate ScribeInternal_Upgrade_xxx_to_xxx.sql script against the Scribe Internal database. These scripts are installed in the Program Files (x86)\Scribe directory.

- Before you upgrade Insight, uninstall any of the following adapters that you have installed, then re-install the adapters after you complete the upgrade to Insight 7.9.0:
  - Dynamics AX
  - Dynamics CRM
  - Dynamics GP
  - Web Services

- Before you upgrade to Insight 7.9.0, see What's New in Version 7.9.0 for information about converting your DTS files.

When you upgrade to Scribe Insight 7.9.0:

- If you upgrade Insight with any edition of Microsoft SQL Server 2012, you must edit the properties of the Scribe services to log on as a principal with proper rights, as described in the Scribe Insight Installation Guide.

- Insight 7.9.0 and related adapters include most previously released hotfixes. If any Insight or Adapter hotfixes were applied before you upgraded to Insight 7.9.0, do not re-apply those hotfixes after upgrading. Hotfixes released prior to Insight 7.9.0 are not compatible with this release. To verify that hotfixes you have installed are included in this release, see the defects listed in this document and in the Adapter release notes.

⚠ Certain hotfixes have been intentionally not included in Insight 7.9.0. If your hotfix is not included in this release, contact Scribe Support.

- When you upgrade a previous version of Insight to version 7.9.0, you may be prompted to save a backup, depending on how you responded to this prompt in previous releases.

What's New in Version 7.9.0

⚠️ · DTS files that are upgraded to Insight 7.9.0 are not backwards compatible with previous versions of Insight. Back up existing DTS files and the SCRIBEINTERNAL database before upgrading to Scribe Insight 7.9.0.

· For this release, you must upgrade both Insight and any Adapters installed on your system. If you are not planning to upgrade your Adapters, do not upgrade Insight.

· You must be logged into a user account with local administrator privileges to install Insight.

This section summarizes the new features and changes for Scribe Insight 7.9.0. For more information about new features, see the [Scribe Insight Online Help](#).

Before You Convert

Prior to installing Insight 7.9.0 and converting DTS files, Scribe recommends:

- **Setting a connection naming convention** — Define a connection naming convention for that indicates the connection type and usage or properties. As you convert previous DTS files and define new DTS files, distinguishing one connection from another enables you to select the connection best suited for each DTS. If a connection with a similar name is found, Insight prompts you to create a new connection with a similar name. For example, if two legacy DTS files each include a connection named Source, with one Source connecting to an ODBC connection and the other Source connecting to Dynamnics CRM, the first instance of a Source connection is converted to a connection named Source. When the second instance of a Source connection is converted, the suggested name is Source (1) because connection names must be unique.

  Specifying a new name for an existing connection in the current DTS during the conversion process causes Insight to cascade that name change to other DTS files. Insight identifies connections that match the original, unconverted connection name and have matching connection parameters, converts those connections, and renames them in both the database and the other, updated DTS files.

- **Comparing the existing connections** — Determine the connection properties that each DTS requires and identify DTS files that use similar connections. Instead of using different connections with the same connection properties, the converted version of these DTS files may be able to use the same connection.

DTS Conversion Options

You can use either of two methods to upgrade legacy DTS files to use converted connections:

- **Open the legacy DTS with the Scribe Workbench** — After you install Insight 7.9.0, opening a legacy DTS with the Scribe Workbench:

  o Adds the connections in the legacy DTS to the database
  o Optionally, you can also:

    ◆ Save the DTS as an upgraded DTS
    ◆ Identify other legacy DTS files that contain matching legacy connections
    ◆ Prompt you to convert matching connections in other legacy DTS files
    ◆ Back up modified DTS files

  Use this method if you want to be prompted before any similar connections in other DTS files are converted.

  When you open a legacy DTS with the Scribe Workbench, you are prompted when:

Condition	Description
Connection parameters match	If the connection parameters of a legacy connection in the current DTS exactly match connection parameters of those of an existing connection in the Scribe Internal Database, you are prompted to either select a connection from the Scribe Internal Database to use in the DTS, or specify a new name for the connection and to save the connection with that new name in the Scribe Internal Database.
Connection name exists	If the name of a legacy connection in the current DTS matches only the name of a connection in the Scribe Internal Database, you are prompted to specify a new name for the connection in the current DTS and that connection is saved to the Scribe Internal Database.

⚠️ After you open the legacy DTS, you are prompted to save the converted DTS and to cascade the converted connection information into other legacy DTS files in the current directory tree that contain matching legacy connections.

- **Import an Insight Export Package from a legacy Insight version** — Before you install Insight 7.9.0, if you create an export package (.spkz) in your existing Insight installation, you can import that package into the Scribe Workbench under Insight 7.9.0 to convert all DTS files in the package. Importing a legacy export package:

  o Converts each connection in the legacy DTS files contained in the import package
  o Saves each DTS in the package as a converted DTS
  o Writes connection information to the Scribe Internal Database

When you convert DTS files by importing them into Insight 7.9.0 from an export package created in an earlier version of Insight, you are prompted when:

Condition	Description
Connection parameters match	If the connection parameters of a legacy connection in the current DTS exactly match connection parameters of those of an existing connection in the Scribe Internal Database, you are prompted to either select a connection from the Scribe Internal Database to use in the DTS, or specify a new name for the connection and to save the connection with that new name in the Scribe Internal Database.
Connection name exists	If the name of a legacy connection in the current DTS matches only the name of a connection in the Scribe Internal Database, you are prompted to specify a new name for the connection in the current DTS and that connection is saved to the Scribe Internal Database.

⚠️ When you convert DTS files from an import package and you are prompted to rename a connection or select a matching connection, there is no indication which DTS contains that connection.

New Features

- **Global Connection Pool** — Insight version 7.9.0 converts connections in a DTS and saves connection information in a global pool of connections in the Scribe Internal Database, enabling all DTS files on your Scribe system to use the same connection configuration. Changes to this connection information is available to all DTS files on your system.

  For example, if you configure a Dynamics CRM connection and three DTS files need access to a Dynamics CRM system, all three DTS files can use that one connection. Then, if the user name for Dynamics CRM is updated through one of those DTS files, all three DTS files use that updated user name to connect. See the Updating An Older DTS topic in the Insight Online Help.

  Any DTS that contains a converted connection cannot be opened in version 7.8.0 or earlier of Insight.

  For more information, see the Upgrading An Older DTS topic in the Scribe Insight Help Library.

- **Connection Manager Changes** — The Connection Manager dialog box tabs have changed to differentiate the connection settings that define a converted connection, which are stored in the Scribe Internal Database, from the settings that control the DTS behavior related to a connection, which are saved locally in the DTS.

  For more information, see the Connection Settings Dialog Box topic in the Scribe Insight Help Library.

- **User-Defined Message Processors** — You can define additional message processor groups and assign multiple message processors to the new groups. Processors are assigned to the new group from the DEFAULT group.

  Adding user-defined processor groups is enabled through your Scribe Insight license.

  For more information, see the [User-Defined Message Processors](#) topic in the Scribe Online Help Library.

- **Multithreaded Processing** — After you define a message processor group and assign that group multiple processors, you can assign that group to a File, Time, or Query IP, enabling the processors in that group to simultaneously run that IP.

  Grouping processors is enabled through your Scribe Insight license.

  For more information, see the [User-Defined Message Processors](#) topic in the Scribe Online Help Library.

- **Scribe Services User** — By default, the Scribe Services use the credentials of the user who installs Insight to access remote servers, and these credentials are given to the dbo user in SQL. During a new Insight v7.9.0 installation, you can define a Scribe Services User with the credentials needed to access the Scribe Services. If you are updating your system to Insight v7.9.0, define the dbo2 user in SQL as the Scribe Services User.

  For more information, see the Insight Installation Guide.

Resolved Issues

Ticket #	Description
54289, 54601	D8086: Upgrade to 7.6.2 did not update the database, caused the following error: invalid object name 'SCRIBE.KSYNC.'
56629	D8385: Bulk insert is not processing all SQL records with an XML Target Step.
58618	D9415: Console hangs when saving changes to Sybase query Publishers.
62255	D9011: Not able to keep a child object on a custom query with the Microsoft Dynamics CRM adapter.
65433	D9313: System Settings options do not allow an Integration Process to recover.
65436	D9349: RS replication error: Unable to process query results for the related entity.
65772	D9385: Message is stuck in ScribeRetry MSMQ.
66484	D9407: Issues with upgrade after upgrading to Insight 7.8.0.
66813	D9420: DTS configured to map UTF-8 to an XML target actually maps to UTF-16 encoding.
66849	D9413: Issues using the IN operator with a SQL target.
68291, 68838	D9635: Execution Log Viewer data filter raises an error on German operating system.

Known issues

Ticket #	Description
48847	D6717: Formula change for GP-CRM template to prevent #Error! from being written to keyxref tables.
51253	D7414: DBLOOKUPs always do a SEEK with ALL COLUMNS returned from CRM D7449: UPDATE, UPDATE/INSERT / etc… and SEEK steps SELECT ALL COLUMNS from CRM
53051	D7758: Insight is not generating delimited SQL statements if table names contain dashes.
54366	D8166: DTS runs, empty table returns, and error 307: Source fields specified in the DTS were not found in the data source. **Workaround:** Insert a dummy row, then return a select command to exclude that row.
55310	D8277: No error messages are displayed if duplicate messages are sent to the CRM PubIn queue, such as when many changes are made in Dynamics CRM rapidly. However, as intended, the duplicate messages are sent correctly to the PubFailed queue.
55732	D8301: Fatal error 31 occurred: Execution terminated – target adapter user count invalid.
59375	D8653: Wrong message is pasted into MSMQ using the Query Browser using cut and paste. Must use drag/drop.
59553, 59561	D8726: Workbench hangs due to various deadlock issues (new/found 5/29)
67920	D9926: Services do not always recover properly when a connection to the SIDB is lost and then reestablished.

See the Release Notes for Scribe Insight 7.8.0 for details about the previous release.

Updating Insight with Adapter Installations

If any of the Scribe Adapters listed below is installed, when you install Insight 7.9.0, you must:

1. Uninstall the following adapters:
   - **Dynamics AX**
   - **Dynamics CRM**
   - **Dynamics GP**
   - **Web Services**
2. Install Scribe Insight 7.9.0.
3. Reinstall the uninstalled adapters.

Execution Log Viewer Launching From the Console

In Workstation-only installs, the user name, DSN, and password for the Scribe Internal Database are not saved correctly under the current user in the registry. To launch the Execution Log viewer from the Console, do one of the following:

- On the Workstation, create a new DSN to the Scribe Internal Database. When you set up the Console, use this Internal Database connection instead of the default connection created during install.

- In the Scribe Workbench, select **Report > Report**.

- In the Scribe install folder, double-click **ExecutionLogViewer.exe**.

- In the registry, under **HKEY_CURRENT_USER > Software > Scribe > ScribeConsole > Sites > [*GUID*]**, enter the following information:

  o **DSN** — DSN to use, either the one used when installing Scribe Insight or another one.
  o **PWD** — Password for the current user.
  o **UserName** — User name for the current user.

  This enables you to launch the Execution Log Viewer from the Console.

Dashes in Table Names

Table names containing dashes may produce unexpected results with ODBC connections. Scribe recommends not using dashes in table names.

Formula Editor Field Reference Tool Tips

If a field reference does not appear entirely on a single line, hovering your mouse over that field reference does not display the field name related to the field reference. For example, if the field reference S100 appears as S1 at the end of one line and the 00 appears at the beginning of the next line, no tool tip appears when you hover the mouse over the S1 or the 00.

Using Insight Templates

As part of regular Insight template setup, you open each dts to review it for issues or to make changes. If you are using Insight templates with Insight 7.7.0 or later, you will be prompted to reconnect each dts when it opens.

See the Release Notes for Scribe Insight 7.8.0 for details about the previous release.

Getting Help

Scribe is dedicated to providing information as quickly as possible to those who need it. We have created the [Scribe Success Community](), where you can find Scribe product information, engage in discussions with other Scribe users and Scribe employees. Searching for information does not require that you log into the Community. Logging in is required to begin a discussion or open a support case. See [Signing Up As A New Success Community Member]().

Always check the [Scribe Help Library]() for the latest version of Scribe's Help files.

Feedback

Scribe is very interested in hearing about your experiences with our products and documentation. We invite you to join the [Scribe Success Community](), where we welcome your comments and suggestions for improvements. See [Signing Up As A New Success Community Member]().