

**Readme for
SimbaO₂X
September 22, 2015**

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1. Release Package Content

This package consists of:

- a) **SimbaO₂X_4.6.5.15_x86.exe and SimbaO₂X_4.6.5.15_x64.exe**
This single installer installs all the required components of the SimbaO₂X ODBO to XMLA bridge. Use the x64 installer on 64-bit Windows operating systems and it will install both the 32-bit and 64-bit O2X version to work with either 32-bit clients like Excel 2007/2010 or Excel 2010-64bit.
- b) **SimbaO₂X.readme.html**
This readme file.
- c) **SimbaO₂X Users Guide.pdf**
Contains details on installing and using SimbaO₂X to connect to an XMLA data source.

2. Last Minute Notes

- No notes available at this time.

3. Change History

- Release 4.6.5.15
 - a. OTOX-30 Fixed a system hang problem caused by connection leak
- Release 4.6.4.14
 - b. OTOX-13 Added support for ExtendedProperties in connection
 - c. OTOX-19 Enabled Refresh Cube command in Excel
 - d. OTOX-20 Fixed an issue when the result of a named set is empty
 - e. OTOX-21 Fixed an issue aborting sessions when a query is canceled
 - f. OTOX-28 Added support to reuse authenticated connection when Windows Authentication is used in IIS
- Release 4.6.0.8
 - a. mdxpro-755 Added support to parse strings in scientific notation to decimal.

- Release 4.6.0.7
 - a. New licensing system implemented.
- Release 4.6.0.4
 - a. mdxpro-709 Bug fix for handling cell ordinals for blank cells
 - b. mdxpro-350 Added support for float data type
 - c. mdxpro-353 Bug fix for retrieving properties
- Release 4.6.0.0
 - a. Upgraded to .NET 4.0 and VS2012
- Release 4.4.16.29
 - a. [DT1439] Improved handling of empty XML elements.
 - b. [DT1569] Reduced the number of open sessions needed by O2X during its communication with the XMLA server.
- Release 4.4.7.15
 - a. [DT1531]/[DT1573] Improved handling of exceptions thrown in asynchronous threads.
 - b. [DT1549]/[DT1550] Added support for dimension properties.
 - c. [DT1533] Fixed minor installer issue.
 - d. [DT1474] Corrected cell positioning of data sets where the first cell has no cell ordinal specified.
- Release 4.3.13.22
 - a. [TC5650] Added Exception handling for EndGetResponse call.
- Release 4.3.12.21
 - a. [TC5622] Added Query Cancel support in Excel.
- Release 4.3.11.20
 - a. [TC5538] Removed memory leaks. This has improved overall memory consumption in Excel, especially during PivotTable Refresh.
 - b. [TC5623] Now passing SOAP-fault error codes through as HRESULT instead of substituting in a default value.
Previously, HRESULT was set to DB_E_ERRORSINCOMMAND for all errors coming from the XMLA server.
This was causing Excel to reissue a Discover request every time the XMLA server returned an error.
 - c. [DT1499] Changed how empty XML row elements are handled. Now an empty row is created before the next element is read.
 - d. [DT1508] Fixed issue with duplicate column names which resulted in an exception when executing rowset.
 - e. [DT1503] Fixed typo on SET_CAPTION for MDSCHEMA_SETS.
 - f. [DT1498] Fix to handle empty rowset results from the XMLA server.
- Release 4.3.9.17
 - a. [TC5579] Fixed Data Link properties pages connection issues when spoofing feature is enabled.

On Data Link Connection page, enabled catalog dropdown to connect and retrieve catalogs, without having to Test Connection.

Added ability to spoof SimbaO2X template XMLA connection URLs.

- b. [DT1412] XMLA Parser improvement. Handle empty XML element in the SOAP header.

- Release 4.3.7.15
 - a. [DT1417] ODBO layer changes to enable support for Cancel command.

- Release 4.3.6.14
 - a. [TC5472] Data link properties UI change. Displays data link properties correctly in Windows environment which uses font substitution.

- Release 4.3.6.13
 - a. Customized Data Link Properties pages for Connection and Advanced tabs.
The Connection page URL dropdown contains examples of most commonly used XMLA connection URLs.
 - b. Added support to enable/disable HTTP Cookies and HTTP Compression in the XMLA Provider Logon dialog.

- Release 4.3.5.11
 - a. [TC5422] Allow the use of HTTP Cookies through Data Link Properties > All tab > ExtendedProperties.
The property *PersistCookies* is set to false by default. Available values for *PersistCookies* are *true* or *false*.
For example, to allow HTTP Cookies add *PersistCookies=true* to ExtendedProperties.
 - b. Allow the use of HTTP Compression through Data Link Properties > All tab > ExtendedProperties.
The property *Compression* is set to *gzip* by default. Available values for *Compression* are *gzip*, *deflate*, and *off*.
For example, to turn off HTTP Compression add *Compression=off* to ExtendedProperties.

- Release 4.3.4.9
 - a. [TC5449] Allow older versions of Excel which uses Microsoft Query to save password in .OQY files.
 - b. [DT1397] Propagate error messages from SimbaO2X to Excel.

- Release 4.3.3.8
 - a. Fixed an issue with Excel 2010 crashing when using report filters.

- Release 4.3.2.7
 - a. Significant performance improvements when fetching large numbers of cells.
 - b. O2X for 64-bit ODBO, which is for 64-bit clients like 64-bit version of Excel 2010.

4. Known Issues

- On Vista and Windows 7 computers there may be issues registering SimbaO₂X. It is recommended that the installer be run as an Administrator. This can be done by right-clicking on the installer and selecting *Run as administrator*.
- SimbaO₂X reports an HTTP redirect when connecting to a Mondrian/Pentaho server. This is caused by a security configuration issue on the Mondrian/Pentaho server. Here is the link to a Pentaho forum discussing how to modify the server security configuration:

<http://forums.pentaho.org/showthread.php?t=73803>

- Excel is unable to create a PivotTable when using SimbaO₂X as a data source. This issue is caused by an interaction between Excel and the XMLA data source. Specifically the data source returns a different set of data cell properties than expected by Excel. To mitigate this issue please follow these steps:
 1. Starting with an empty PivotTable select *Options >> PivotTable >> Options*.
 2. In the *PivotTable Options* dialog, select the *Display* tab and ensure the *Show properties in tooltips* option is deselected.
 3. Click *OK* to close the dialog.
 4. Select *Options >> Data >> Change Data Source >> Connection Properties*.
 5. In the *Connection Properties* dialog select the *Usage* tab and ensure the *OLAP Server Formatting* options are deselected:
 - *Number Format*
 - *Fill Color*
 - *Font Style*
 - *Text Color*
 6. Click *OK* to close the dialog.