



IVI Technologies

Integrity Value Innovation

Stylus XML Converters[®] For Java

Installation Guide

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Third Party Acknowledgments: There are no products in the Stylus XML Converters release that include third party component covered by licenses that require documentation notices be provided.

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Stylus XML Converters Installation Guide for Java

This book describes the procedure for installing Stylus XML Converters® from downloaded files.

What Are Stylus XML Converters®?

Stylus XML Converters® are high-performance Java™ components that provide bi-directional, programmatic access to virtually any non-XML file including EDI, flat files, and other legacy formats. Stylus XML Converters allow developers to seamlessly stream non-XML data as XML to industry-leading XML processing components or to an application. They support StAX, SAX, XmlReader, XmlWriter, DOM, and Input/Output streaming interfaces. They can be embedded directly for transformation purposes or as part of a chain of programs including XSLT and XQuery, or even inside XML pipelines. Stylus XML Converters maximize developer productivity and provide a fast, scalable solution for converting between EDI and other legacy formats and XML.

Stylus XML Converters are designed for software developers and independent software vendors (ISVs) who need to convert and stream XML and non-XML files in XML applications.

Using This Book

This book can be used by system and database administrators, and any users who need to install Stylus XML Converters. It is assumed that you are familiar with the operation of your system, and that you understand how to navigate to directories on your system.

For the latest information about Stylus XML Converters, see the README file in your software package or refer to the Web site:

<https://www.xmlconverters.com>

NOTE: This book refers the reader to Web URLs for more information about specific topics, including Web URLs not maintained by IVI Technologies. Because it is the nature of Web content to change frequently, IVI Technologies can guarantee that the URLs referenced in this book were correct at the time of publishing.

Typographical Conventions

This book uses the following typographical conventions:

Convention	Explanation
<i>italics</i>	Introduces new terms with which you may not be familiar, and is used occasionally for emphasis.
bold	Emphasizes important information. Also indicates button, menu, and icon names on which you can act. For example, click Next .
UPPERCASE	Indicates keys or key combinations that you can use. For example, press the ENTER key.
monospace	Indicates syntax examples, values that you specify, or results that you receive.
<i>monospaced italics</i>	Indicates names that are placeholders for values that you specify. For example, <i>filename</i> .

Convention	Explanation
forward slash /	<p>Separates menus and their associated commands. For example, Select File / Copy means that you should select Copy from the File menu.</p> <p>The slash also separates directory levels when specifying locations under UNIX.</p>
vertical rule	Indicates an "OR" separator used to delineate items.
brackets []	<p>Indicates optional items. For example, in the following statement: SELECT [DISTINCT], DISTINCT is an optional keyword.</p> <p>Also indicates sections of the Windows Registry.</p>
braces { }	Indicates that you must select one item. For example, {yes no} means that you must specify either yes or no.
ellipsis . . .	Indicates that the immediately preceding item can be repeated any number of times in succession. An ellipsis following a closing bracket indicates that all information in that unit can be repeated.

About the Product Documentation

The Stylus XML Converters library consists of the following books:

- n *Stylus XML Converters for Java Installation Guide* describes the requirements and procedures for installing Stylus XML Converters.
- n *Stylus XML Converters for Java User's Guide and Reference* provides information about using Stylus XML Converters to write applications that provide bi-directional, programmatic access to any non-XML files including EDI, flat files, and other legacy formats.

HTML Version

An HTML version of the Stylus XML Converters documentation is placed on your system during a normal installation of the product. This documentation is located in the `installdir\help` directory. To use the help, you must have one of the following browsers installed:

- n Internet Explorer 7.x or higher
- n Mozilla Firefox 8.x or higher
- n Safari 4.x or higher
- n Opera 8.x or higher

The HTML documentation is available on the Web site:

<https://www.xmlconverters.com/documentations>

On Windows, you can access the help system by navigating to the help subdirectory of the product installation directory and opening the following file from within your browser:

```
install_dir/help/help.htm
```

After the browser opens, the left pane displays the Table of Contents, Index, and Search tabs for the entire documentation library. When

you have opened the main screen of the help system in your browser, you can bookmark it in the browser for quick access later.

NOTE: Security features set in your browser can prevent the Help system from launching. A security warning message is displayed. Often, the warning message provides instructions for unblocking the Help system for the current session. To allow the Help system to launch without encountering a security warning message, the security settings in your browser can be modified. Check with your system administrator before disabling any security features. PDF Version

PDF Version

The product documentation is also provided in PDF format. You can view or print the documentation, and perform text searches in the files. The PDF documentation is available on the Web site:

<https://www.xmlconverters.com/documentations/pdf>

Javadoc

Stylus XML Converters provides Javadoc for the XML Converters packages. This system is installed when you install Stylus XML Converters.

Files for the Stylus XML Converters Javadoc are written to the \javadoc directory where you installed Stylus XML Converters.

The Javadoc documentation is available on the Web site:

<https://www.xmlconverters.com/documentations/javadoc>

Contacting Technical Support

July 2024, Release 6.2 of Stylus XML Converters

1 Before You Install

Before you install Stylus XML Converters®, verify that your system meets the requirements described in this chapter.

Disk Requirements

A complete installation of Stylus XML Converters, including optional online books and code examples, requires approximately 25 MB of available hard disk space. See the readme.htm for additional information.

Operating System Requirements

Stylus XML Converters are supported on any platform supported by Java 1.8 or higher.

JVM Requirements

Make sure that the Java Virtual Machine is on your path. Java 1.8 or higher is required for using Stylus XML Converters.

2 Installing Stylus XML Converters[®]

Before you start installation, see [Chapter 1 “Before You Install” on page 13](#) and verify that your system meets the requirements described there.

Evaluation Installations

The installer allows you to install Stylus XML Converters for a 15-day evaluation. After the evaluation period, the software ceases functioning. You must install a licensed version of Stylus XML Converters to continue using the software.

Installer Directory

Choose an *installer* directory for the Stylus XML Converters installer. The installer directory is the directory in which you save the `62_xmlconverters.jar` file.

The installer directory can also be the *installation* directory for Stylus XML Converters, but does not need to be. You can choose another installation directory during the installation procedure.

Default Installation Directory

The default installation directory is the directory from which you run the installer.

What Is Installed?

The Stylus XML Converters installer installs the following components:

- n Stylus XML Converters.
- n Stylus XML Converters online books in PDF format are optional and if installed, are placed in the *installdir/doc* directory.
- n Stylus XML Converters examples are optional, and if installed, are placed in the *installdir/examples* directory.
- n Stylus XML Converters online help in HTML format is placed in the *installdir/help* directory.
- n Stylus XML Converters Javadoc documentation is optional, and if installed, is placed in the *installdir/javadoc* directory.
- n The following files are installed at the installation directory root:
 - ExtensionTool.jar, which you can use to extend evaluation periods. Contact your IVI Technologies Sales representative for more information.
 - fixes.txt, which lists fixes that have been made since the previous release of the product.
 - license.htm, the End User Product License Agreement. This document is also displayed during installation.
 - readme.htm, which provides last-minute information and describes any known problems or restrictions.

- 3rdpartysoftware.txt, which lists third-party software used in Stylus XML Converters.

See [“About the Product Documentation” on page 8](#) for details about the online books.

Installation

You can install Stylus XML Converters using

- n A graphic user interface (a GUI). See [“GUI Installation”](#) for instructions.
- n The command line. See [“Command-Line Installation”](#) for instructions.

Regardless of which method you use, note the following before you begin:

- n Make sure that your Java Virtual Machine is on your path. Java 1.8 or later is required to use Stylus XML Converters.
- n Choose an *installer* directory for the Stylus XML Converters installer. This can also be the *installation* directory for Stylus XML Converters, but does not need to be. You can choose another installation directory during the installation procedure.

GUI Installation

To install Stylus XML Converters using a GUI:

- 1 Locate the downloadable product at <https://www.xmlconverters.com/download>.
- 2 Download the 62_xmlconverters.jar file to the installer directory you have chosen.
- 3 From the installer directory, execute 62_xmlconverters.jar using the following command:

```
java -jar 62_xmlconverters.jar
```

The Stylus XML Converters setup welcome window appears.

- 4 Click **Next** to start the installation.

The License Agreement window appears.

NOTE: You can exit the Setup program at any time by clicking **Cancel**, or return to the previous window by clicking **Back**.

- 5 Make sure that you read and understand the license agreement. To continue with the installation, select the **I accept the terms in the license agreement** option; then, click **Next**.

The Installation Type window appears. You use this window to specify whether you are installing an evaluation installation or a licensed installation of Stylus XML Converters. Evaluation installation is the default.

- 6 If you are installing:
 - An *evaluation* installation, go to [Step 8](#).
 - A *licensed* installation, select Licensed installation, and click the **Next** button.

The License Key window appears. Go to [Step 7](#).

- 7 Enter the 8-character product key in the Enter Key field, and click the **Add** button. If you were issued multiple product keys, add them to the Enter Key field one at a time, clicking **Add** each time.

A description of the XML Converter associated with the key you enter appears in the Product Support for: field.

To remove an XML Converter, select it in the Product support for: list box and click the **Remove** button.

- 8 Click **Next** to continue with the installation.

The Optional Components window appears. You use this window to choose the components you want to install.

The Stylus XML Converters and Stylus XML Converters Online Help options are grayed out because both are required for installation.

The following components are selected for installation by default, but you can change that setting if you like:

- n Stylus XML Converters online books (in PDF).
- n Stylus XML Converters Examples. If you are reinstalling the product and have reconfigured the examples, you may **not** want to reinstall the examples. In this case, clear the **Install Stylus XML Converters Examples** option.
- n Javadoc for Stylus XML Converters.

- 9 Review the settings for the individual components to be installed and click **Next** to continue.

The Ready to Install Stylus XML Converters window appears, providing you with the opportunity to review your installation choices.

- 10 Click **Back** to revise your choices, or click **Install** to continue with the installation.

When you click **Install**, Stylus XML Converters, the online help and any optional components you selected are installed. After a moment, the Setup Completed window appears.

- 11 Choose whether you want to launch the QuickStart guide (a brief guide to getting started with Stylus XML Converters) when you exit the setup program, and then click **Finish** to exit the installer.

Command-Line Installation

To install Stylus XML Converters using a command line:

- 1 Locate the downloadable product at <https://www.xmlconverters.com/download>.
- 2 Download the jar file to the installer directory you have chosen.
- 3 At a command prompt, enter the following command:

```
java -jar 62_xmlconverters.jar -e {yes|no} -b {yes|no} -j {yes|no}
-k key[,key]... -d install_dir
```

where:

- | | |
|----|--|
| -e | {yes no}. If <i>yes</i> , the Stylus XML Converters examples are installed. The examples are installed in the <i>/examples</i> subdirectory of the installation directory. Note that if you are reinstalling the product and have reconfigured the examples, you may not want to reinstall the examples. In this case, set this property to <i>no</i> . |
| -b | {yes no}. If <i>yes</i> , the Stylus XML Converters library is installed. The books are installed in the <i>installdir/doc</i> directory. |
| -j | {yes no}. If <i>yes</i> , the Stylus XML Converters Javadoc is installed in the <i>installdir/doc/javadoc</i> directory. |

`-k key[,key]...`

Specifies your product licensing information, where *key* is the product key you received from IVI Technologies. If you were issued multiple product keys, you can enter them sequentially using the same command, separating the keys with a comma (.). For example:

```
-k xxxxkey1,xxxxkey2,xxxxkey3
```

To install an evaluation copy of Stylus XML Converters, enter `eval` as the key value. For example, the following key and value installs a 15-day evaluation copy of Stylus XML Converters:

```
-k eval
```

`-d install_dir`

Specifies the full path, including the drive letter on Windows machines, to the Stylus XML Converters installation directory.

NOTE: If the directory path contains spaces, you must enclose the path name with double quotes. For example:

```
-d "C:\Program Files\IVI  
Technologies\  
XML Converters"
```

- 4 If Stylus XML Converters is successfully installed, a message appears confirming the installation.

Example on Windows

```
java -jar 62_xmlconverters.jar -e yes -b yes -j yes  
-k xxxxkey1,xxxxkey2 -d "C:\Program Files\IVI Technologies\Stylus XML  
Converters"
```

This Stylus XML Converters command-line example performs the following actions:

- n Installs the Stylus XML Converters examples (-e yes).
- n Installs the Stylus XML Converters online books (-b yes).
- n Installs the Stylus XML Converters Javadoc (-b yes).
- n Installs multiple Stylus XML Converters products (-k xxxxkey1,xxxxkey2).
- n Installs the components to the installation directory C:\Program Files\IVI Technologies\Stylus XML Converters (-d "C:\Program Files\IVI Technologies\Stylus XML Converters"). Note that because the directory path contains spaces, it is enclosed by double quotes.

Example on UNIX/Linux

```
java -jar 62_xmlconverters.jar -e yes -b yes -j yes -k xxxxkey1  
-d /home/user/IVI Technologies/Stylus XML Converters
```

This Stylus XML Converters command-line example performs the following actions:

- n Installs the Stylus XML Converters examples (-e yes).
- n Installs the Stylus XML Converters online books (-b yes).
- n Installs the Stylus XML Converters Javadoc (-b yes).
- n Installs only one Stylus XML Converters product (-k xxxxkey1). See the previous Windows example for an example of how to specify multiple keys, but remember to enclose the entire key string in double quotes if you use a semicolon to separate the keys.

- n Installs the components to the installation directory
/home/user/IVI Technologies/Stylus XML Converters
(-d /home/user/IVI Technologies/Stylus XML Converters).
Because the directory path does not contain spaces, it is not
enclosed by double quotes.

Getting Started with Stylus XML Converters®

To get started with Stylus XML Converters immediately after installation, refer to the *Stylus XML Converters Quick Start*. You can choose to display this document at the end of a successful installation. You can also find it in the `installdir\help` directory where you installed the Stylus XML Converters, or on the Web site:

<https://www.xmlconverters.com/documentations/quickstart>

To take full advantage of the many Stylus XML Converters features, we recommend that you read the *Stylus XML Converters for Java™ User's Guide and Reference*.

Upgrading an Evaluation Installation to a Licensed Installation

To upgrade from an evaluation installation to a licensed installation, you need to reinstall Stylus XML Converters. If you have made changes to Stylus XML Converters files (such as to the examples, for example) that you want to save, move those files to a new location before reinstalling the XML Converters.

- 1 Contact your IVI Technologies Sales representative to purchase a license.
- 2 Follow the procedure for installation on [“Installation” on page 17](#).
 - n **For GUI installations:** When asked to choose an installation type, select the **Licensed installation** option. When asked to enter your product license information, add the product license key or keys provided to you by IVI Technologies.
 - n **For command-line installations:** Instead of specifying `-k eval`, enter `-k xxxxkey1`. See [“Command-Line Installation” on page 20](#) for more details on the syntax required for entering product license key.

Extending an Evaluation Installation

To extend a Stylus XML Converters evaluation installation, contact your IVI Technologies Sales representative.

Uninstalling

To uninstall Stylus XML Converters, delete the entire installation directory.

For More Information

Read the readme.htm that accompanies Stylus XML Converters for current information regarding this release.

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