

NEW IN STYLUS STUDIO® 6 XML ENTERPRISE EDITION

- > Java Code Generation
- > EDI/EDIFACT to XML
- > Advanced XSLT 2.0 Editor and Debugger
- > Updated XQuery 1.0 Support
- > XML Schema Editor
- > XML Grid View
- > Enhanced XML Mapping

KEY FEATURES

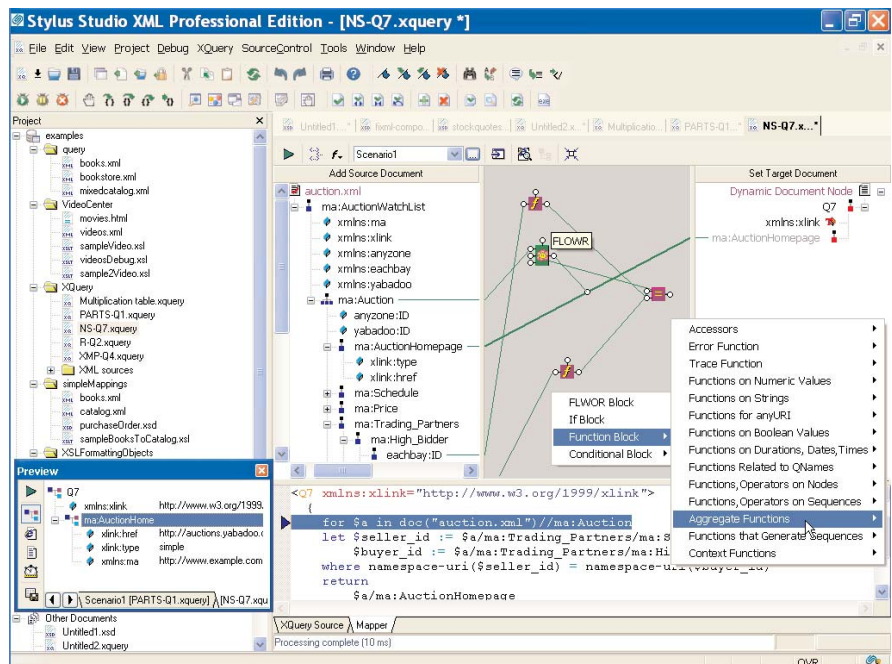
- > XML Editor
- > XQuery Mapper, Editor, and Debugger
- > XML Differencing
- > DB-to-XML Data Source Editor
- > Web Service Call Composer
- > XSLT Mapper, Editor, and Debugger
- > XML-to-HTML WYSIWYG XSLT Designer
- > XQuery and XSLT Profilers
- > Industry Schema Catalogs
- > Document Converters

XML DEVELOPMENT ENVIRONMENT FOR ADVANCED DATA INTEGRATION

Overview

Stylus Studio® 6 XML Enterprise Edition sets a new standard for productivity in XML development tools. With hundreds of thousands of users worldwide, Stylus Studio provides XML developers and data integration specialists with the most comprehensive toolset for tackling today's advanced XML data transformation and aggregation challenges.

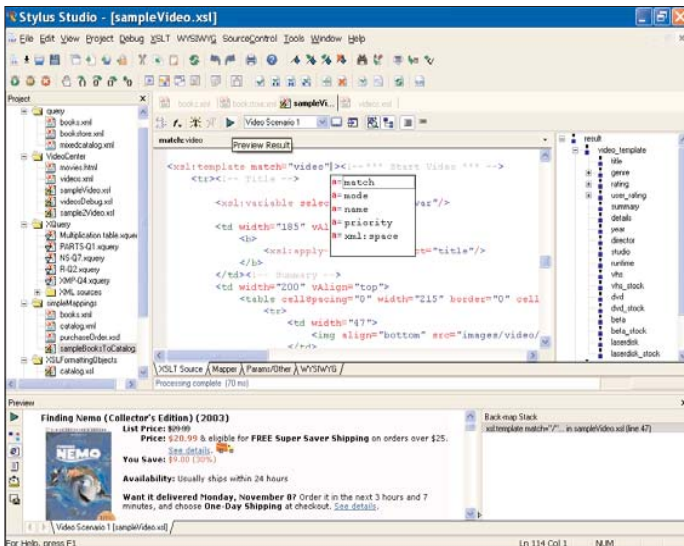
Stylus Studio 6 XML Enterprise Edition is the latest release of our award-winning XML IDE. With a proven track record of delivering XML productivity through innovation, Stylus Studio's powerful yet easy-to-use tools will simplify your XML development tasks. Whether you are working with the latest XQuery specification, wrestling with complex XSLT stylesheets, or leveraging legacy data as XML in your enterprise applications, Stylus Studio helps you realize the promise of XML technologies.



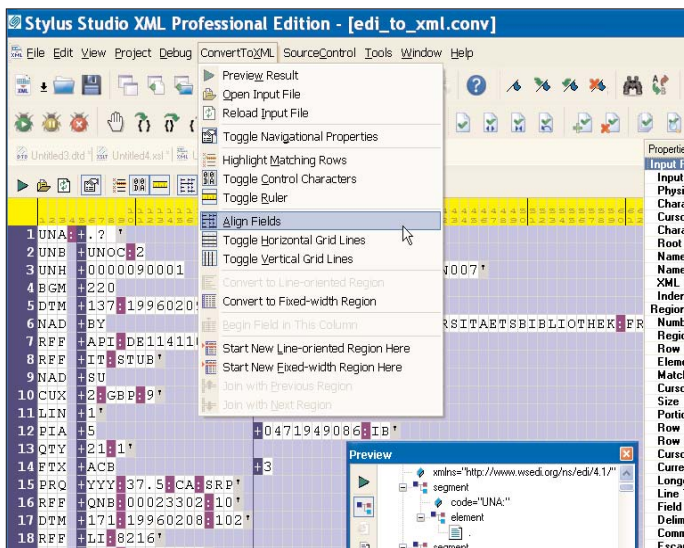
Stylus Studio's innovative XQuery Mapper accelerates XQuery development with an intuitive visual programming environment featuring a synchronized XQuery source code view. Just draw the relationships between XML sources and targets, specify the integration logic, and Stylus Studio does the rest. Run and test your code with one click!

"I'm impressed with the overall integration of Stylus Studio's XQuery-aware editing, mapping, debugging, and performance profiling tools – it's quite a productive XQuery development environment."

Jason Hunter
Author, Java Servlets (O'Reilly)



The XSLT editor has built-in Sense:Xtm intelligent XML editing including context-sensitive knowledge of all XSLT instructions and XPath functions to ensure syntactically correct XSLT stylesheets.



Visually convert an EDI file to an XML data format.

XQUERY MAPPER, EDITOR, DEBUGGER, AND PROFILER

Stylus Studio boasts the most sophisticated XQuery development tools for any XML data integration project – it is the first XML IDE to support the April 2005 W3C XQuery specification.

- XQuery Mapper lets you drag-and-drop XML sources to XML targets to automatically generate XQuery code; you can also load existing XQuery expressions into the Mapper for visual editing. Mapper is a great tool for learning XQuery.
- XQuery Editor with intelligent editing (Sense:X auto-completion, error checking) and an integrated query preview window
- XQuery debugging with breakpoints, stack trace, variable watch, XPath expression evaluation, step-in/step-out, and full XQuery language debugging
- XQuery Profiler for benchmarking and optimizing XQuery expressions
- Support for DataDirect XQuery™ and Saxon XQuery processors
- Validate XQuery results against any XML Schema you specify

XSLT MAPPER, EDITOR, DEBUGGER, DESIGNER, AND PROFILER

Stylus Studio is the world's most advanced development environment for XSLT 1.0/2.0.

- The XSLT Mapper lets you map one XML document to another with a series of drag-and-drop operations. As you draw the graphical maps, Stylus Studio generates the XSLT code. A text pane shows you the code as you map!
- The XSLT Editor provides a robust template editing view with intelligent editing support for XSLT 1.0/2.0 and XPath 1.0/2.0
- Integrated XSLT 1.0/2.0 debugger allows you to control every aspect of an XSLT stylesheet transformation
- An XSLT WYSIWYG designer for visually creating XML-to-HTML stylesheets
- Support for Xalan-J, Saxon, MSXML, System.XML and the Stylus Studio XSLT processors
- An XSLT Profiler for identifying and eliminating stylesheet performance bottlenecks
- Validate XSLT results against any XML Schema you specify

DB-TO-XML DATA SOURCE EDITOR

Now you can use Stylus Studio to query and update relational data using the emerging SQL/XML standard. The DB-to-XML Data Source Editor lets you:

- Define a data source for any one of several default relational databases, such as Oracle, DB2, SQL Server, and Informix
- Optional DataDirect Sequelink, bundled with Stylus Studio, lets you work with any ODBC-compliant database as a data source
- Flexible editing facility displays the schema of the database server you connect to – its databases, tables, and columns – using an intuitive tree format
- Simple drag-and-drop operations allow you to quickly compose complex and error-free SELECT, UPDATE, and INSERT SQL/XML statements

CONVERT TO XML

Stylus Studio 6 features a powerful new utility to simplify legacy data integration.

- > Convert any data source – EDI, HL7, UN/EDIFACT, ANSI/X12, flat files, binary data, and thousands of other legacy data formats – into XML
- > Full integration with Stylus Studio's XML adapter framework, enabling you to seamlessly configure non-relational files as data sources for use with Stylus Studio's visual XML mapping tools for XSLT and XQuery

JAVA CODE GENERATION

Stylus Studio 6 XML Enterprise Edition allows you to generate Java code based on any XQuery or XSLT document. You can generate Java code for invoking XQuery or XSLT processing from one or more Stylus Studio scenarios at the same time, and you can specify options such as the package and class names and whether or not you want to make generated classes public.

XML SCHEMA DESIGNER WITH DOCUMENTATION GENERATOR

The new XML Schema Designer is a graphical editor for generating, viewing, and editing XML Schema. Advanced developers can also edit source files directly in text mode. Sense:X auto-completion helps to ensure well-formed and valid XML Schema. Features include:

- > Browsing, editing, and validating schema in either text, tree, or diagram mode
- > Graphical diagrams that represent element structure, simple and complex types
- > Display XML Schema documentation using the xsdDOC stylesheet for Javadoc-like HTML presentation, or the default XS3P stylesheet

XML EDITOR WITH FULL XPATH INTEGRATION

Stylus Studio provides XML editing facilities for creating and editing XML documents. Features include:

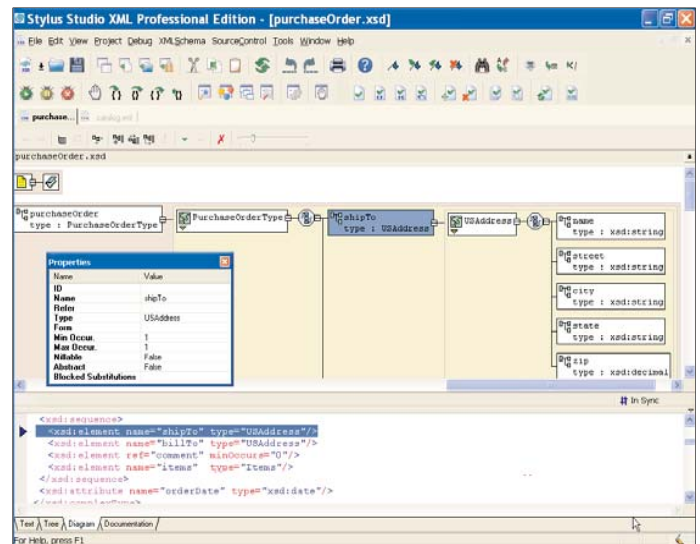
- > Text, tree, and grid editing views
- > Support for large documents (multi-megabytes in size)
- > Integrated XPath Sense:X auto-completion with back-mapping of query results to source document
- > Syntax coloring and Sense:X auto-completion of elements, tags, and attributes
- > Schema validation and creation of new schemas with the click of a button
- > Support for XPath 1.0 and 2.0

WEB SERVICE DEVELOPMENT TOOLS

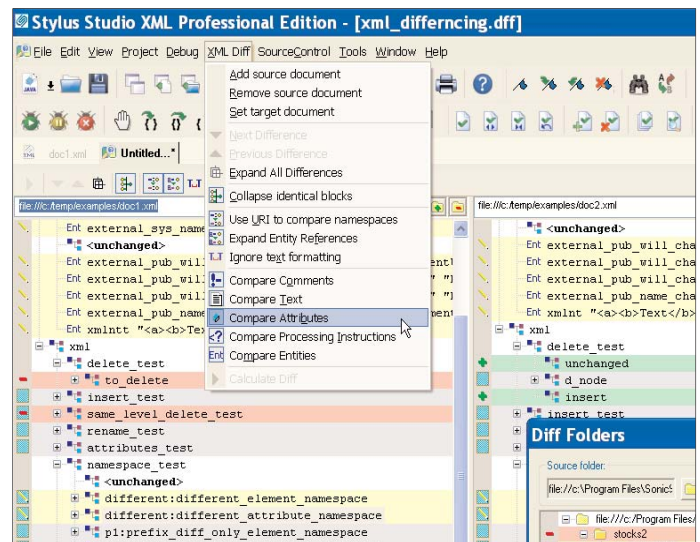
Use Stylus Studio to compose a SOAP request and test a Web service without writing any code. With this feature, you can reuse the Web service call as an XML document anywhere inside Stylus Studio, getting live content each time the document is opened! Supports MS SOAP Toolkit, MS .NET, and Apache Axis!

"Overall, Stylus Studio 6 is a mature product that works quite well, and was capable of handling all the XML-related tasks that I threw at it."

**Mike Gunderloy, MCSE, MCSD .NET, MCDBA,
Contributing Editor ADT Magazine**



The all-new XML Schema Designer lets you visually develop advanced XML data models



Visually compare XML files and folders with Stylus Studio.

XML DIFFERENCING

Stylus Studio includes an integrated XML Differencing tool for visually computing and analyzing any changes made to files or folders in a highly configurable, XML-aware fashion.

- > One-click differencing of XML files and folders using a customizable color-coded XML text or tree view
- > Support for one-to-one and many-to-one XML file differencing
- > View differences using split-screen and merged changes tree views, or in the new split-screen text view
- > Step through XML differences node by node
- > Expand/collapse identical XML blocks to simplify the display
- > Optionally resolve or ignore XML entity references and XML namespaces
- > XML differencing settings allow you to optionally compare or ignore XML comments, XML element content, whitespace, XML attributes, XML processing instructions, formatting characters, and more

STYLUS STUDIO DOCUMENT CONVERTERS AND WIZARDS

Stylus Studio includes a set of document wizards that help you build:

- > XSLT from HTML sources
- > XML documents from ADO data sources (including RDBMS), comma-separated-value text files (CSV), HTML, DTD, and XML Schema
- > XML Schema from XML documents or EDIFACT
- > And more!

SUPPORT FOR INDUSTRY STANDARD PROCESSING COMPONENTS

Stylus Studio is the only XML IDE to provide truly integrated support for all of the leading XML processing, validation, and transformation engines, including Microsoft MSXML, System.XML, Apache Xalan, Apache Xerces, Saxon, XSV, DataDirect XQuery, and others, enabling you to exactly replicate and test production settings in your development environment.

FILE EXPLORER AND PROJECT SUPPORT

A new File Explorer provides an easy way to manage files and convert documents using drag-and-drop. Stylus Studio automatically backs up files and supports full integration with source control systems such as CVS, ClearCase, and Visual Source Safe.

INDUSTRY SCHEMA CATALOGS

A number of general purpose schemas come bundled with the Stylus Studio installation. You can also access a large repository of over 4000 industry schemas through a catalog wizard inside Stylus Studio.

ABOUT STYLUS STUDIO

Stylus Studio is the industry's most innovative XML IDE, providing advanced support for XML and its related technologies: XSL, XSLT, XQuery, XML Schema, DTD, SOAP, WSDL, SQL/XML, XML mapping, Legacy data integration and Web services. Used by leading software developers world-wide, Stylus Studio simplifies XML programming and enhances developer productivity through innovation. For more information, visit <http://www.stylusstudio.com>.

"Stylus Studio 6 is an exceptional XML IDE and the main reason is because it allows you to work with XML in your own way, rather than forcing you into a style you're not comfortable with."

***Dr. Michael Kay
Author, XSLT 2.0 Programmer's
Reference (Wrox Press)
and editor of the W3C
XSLT 2.0 specification***

AVAILABILITY

Stylus Studio 6 XML Enterprise Edition is available for free evaluation download and electronic purchase starting at \$995 (US) for a single-user license from the Stylus Studio Online Shop at: www.stylusstudio.com. All sales inquiries for bulk licensing, academic pricing, annual upgrade protection, or purchase orders should be directed via email to stylusstudio@stylusstudio.com, or call our sales team at 781-280-4488.

SYSTEM REQUIREMENTS

Stylus Studio requires a Pentium class PC with at least 128MB of memory running Windows 2000 or Windows XP.

CORPORATE HEADQUARTERS

Stylus Studio,
14 Oak Park Drive
Bedford, MA 01730 USA
Tel: 781-280-4488
Fax: 781-280-4295
<http://www.stylusstudio.com>



www.stylusstudio.com

DataDirect and Stylus Studio are registered trademarks of Progress Software Corporation or one of its subsidiaries or affiliates in the U.S. and other countries. Any other trademarks or service marks contained herein are the property of their respective owners.

© 2005 Progress Software Corporation. All rights reserved.