

FOR IMMEDIATE RELEASE

Release 2 of Altova's Version 2014 Product Line Sets the Performance Bar Even Higher

Numerous new features and enhanced functionality improve performance, address customer requests, and provide extended standards support for XSLT, XQuery, and XBRL

BEVERLY, Mass., March 19, 2014 – Altova® (<http://www.altova.com>), creator of XMLSpy®, the industry leading [XML editor](#), today announced the release of Version 2014 Release 2 of its MissionKit® desktop developer tools and server software products. This release provides a plethora of new functionality to increase performance and efficiency, including the revolutionary new XSL Speed Optimizer in XMLSpy, powerful new data mapping options in MapForce, speed-boosting functionality in Altova server products, updated standards support for XSLT, XQuery, and XBRL in multiple products, and much more.

“We are continually striving to bring our customers top of the line products to help them be as efficient at their jobs as possible. With this release we have done that by doubling – sometimes tripling - the speed of the already lightning fast XML and XBRL validation in RaptorXML Server, as well as providing new caching options in FlowForce Server and bulk insert support in MapForce Server. In XMLSpy we have added the groundbreaking XSL Speed Optimizer, which is a new, incredibly efficient way to automatically optimize XSLT stylesheets, saving a considerable amount of time and frustration for developers,” said Alexander Falk, CEO for Altova.

A few of the new features available in Altova MissionKit 2014r2 include:

- **XSL Speed Optimizer:** This new technology is a revolutionary approach to speeding up XSLT transformations, providing tremendous increases in throughput with no analysis required by the developer. The XSL Speed Optimizer analyzes an XSLT transformation and derives an optimization strategy that can be saved within the stylesheet as processing instructions. Subsequent transformations with the optimized stylesheet using either XMLSpy or RaptorXML will be executed faster using those optimization hints. The XSL Speed Optimizer allows developers to focus on the transformation logic of their stylesheets – rather than spending valuable time identifying and correcting bottlenecks – and leave speed optimization to XMLSpy.
- **Additional Support for XSLT and XQuery 3.0:** First introduced in Version 2014, support for XSLT 3.0 has been updated to include even more functionality, and support for XQuery 3.0 is now finalized in XMLSpy and StyleVision, as well as RaptorXML Server, allowing developers to harness the power of these new standards versions during editing, debugging, reporting, and processing.

- **New Altova extension functions:** XMLSpy, StyleVision, and RaptorXML Server all include support for a large number of new Altova extension functions for XSLT and XQuery development and processing. The new extension functions augment the standard XPath functions to meet common requirements quickly and efficiently. Examples include adding years, months, days, hours, minutes, or seconds directly to a date/time without a need to understand complex duration syntax, calculating age, repeating a string, converting between hex and integer formats, and so on.
- **Support for XBRL Table Linkbase:** XBRL Table Linkbase provides a mechanism for specifying how XBRL data should be displayed that goes beyond the standard capabilities of the presentation linkbase to define the presentation of multi-dimensional XBRL data in a format that is more familiar to non-technical stakeholders such as accountants, financial professionals, and other business users. XMLSpy 2014r2 now provides graphical tools for creation, editing, and validation of XBRL Table Linkbases, as well as generating tables based on table linkbase definitions, providing developers all the tools they need to start utilizing this important new specification.
- **New data mapping options:** MapForce 2014r2 includes a number of new features for customizing any-to-any data mapping projects, including support for CDATA generation in XML files, new functions for processing and generating sequences, time-out settings for Web services calls, and more.
- **StyleVision is now powered by RaptorXML:** The RaptorXML engine is now built into StyleVision, enabling lightning-fast XSLT transformations as well as support for XSLT 3.0 and XPath 3.0. StyleVision joins several other MissionKit products powered by RaptorXML, including XMLSpy, MapForce, and SchemaAgent.
- **And many more**

A few of the new features available in Altova Server products includes:

- **Significant speed increase for XML and XBRL validation:** RaptorXML Server 2014 already delivered on the promise of lightning fast XML validation, and v2014r2 is even quicker – up to two times faster* on multi-core machines when taking advantage of the parallel validation option. Validation speeds on multicore machines are much faster for XBRL, as well – up to three times faster* on RaptorXML+XBRL Server 2014r2.
- **XBRL Table Linkbase support:** Complementing support for XBRL Table Linkbase in XMLSpy, RaptorXML+XBRL Server now supports XBRL Table Linkbases when validating and transforming XBRL instance documents.
- **Job caching enhancements:** FlowForce Server job caching has been enhanced with several new features. Job caching allows administrators to schedule execution of time consuming jobs, store the results, and deliver output instantaneously to a Web browser window, upon an HTTP request by an end user. Now in Version 2014 Release 2, job caching is supported for jobs that use parameters and combinations of multiple parameters. Administrators simply define the parameter combinations that will be available in the job configuration dialog.
- **Bulk insert for databases:** Bulk Insert is now supported on MapForce Server, allowing a large volume of data to be inserted into a database table in a single SQL statement, as



opposed to the typical method of using individual Insert statements for each row. Since processing overhead by the database engine is greatly reduced, performance is much faster. Testing has shown Bulk Insert can be more than 10 times faster* than individual Insert statements, greatly enhancing MapForce Server performance when writing to a database.

- **Support for Mac OS X 10.9:** All Altova server products now support this latest OS version in addition existing support for versions 10.7 and newer. Altova server products are also available for Windows and Linux platforms.

These and many more features are available in Release 2 of Version 2014 of MissionKit [desktop developer tools](#) and [server software](#). For a complete list of new features, supported standards, and trial downloads please visit the links above.

*Performance results based on Altova internal tests conducted on a typical selection of files comparing Version 2014r2 to the prior version of the server software. Your results may vary.

About Altova

Altova® is a software company specializing in tools to assist developers with data management, software and application development, and data integration. The creator of XMLSpy® and other award-winning XML, SQL and UML tools, Altova is a key player in the software tools industry and the leader in XML solution development tools. Altova focuses on its customers' needs by offering a product line that fulfills a broad spectrum of requirements for software development teams. With over 4.6 million users worldwide, including 91% of Fortune 500 organizations, Altova is proud to serve clients from one-person shops to the world's largest organizations. Altova is committed to delivering standards-based, platform-independent solutions that are powerful, affordable and easy-to-use. Founded in 1992, Altova is headquartered in Beverly, Massachusetts and Vienna, Austria. Visit Altova on the Web at: <http://www.altova.com>.

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