

MULE XPACK FOR INTEL® XML SOFTWARE SUITE

OVERVIEW

The service oriented architecture (SOA) approach to development allows IT organizations to create applications by bringing together modular and reusable components of application functionality, or services. XML file formats are the common thread across SOA providing for structured but extensible communication between systems. The verbosity, extensibility and flexibility of XML messages can create performance challenges for software developers to overcome.

As the leading open source Enterprise Service Bus (ESB), Mule has more than 2,000 production deployments worldwide, with a wide range of XML formats and use cases.

Taking a new approach to accelerating XML traffic, MuleSource® has teamed with Intel Corporation to bring the Intel XML Software Suite to the Mule ESB, leveraging the broad feature set and special processor instructions in Intel processors to enhance and offload XML processing.

Intel® XML Software Suite is a comprehensive high-performance software library providing APIs for C++ and Java on Linux and Windows operating systems, delivering maximum performance for XML processing on industry standard servers and application environments. Designed to take advantage of Intel Core™ microarchitecture, Intel XML Software Suite provides thread-safe and efficient memory utilization, scalable stream-to-stream processing, and large XML file processing capabilities.

XPACK HIGHLIGHTS

The Mule Xpack™ for Intel XML Software Suite is a set of instructions and Mule extensions to improve XML processing performance. The Xpack provides Mule integration support for the Intel XML Software Suite, which can be used to support three categories of XML operations:

- ▶ XML Parsing - reads XML documents and makes them available for manipulation and processing to applications and programming languages.
- ▶ XSLT Transformations - facilitates efficient XML transformations in a variety of formats and can be applied to a full range of XML documents such as a tree (the DOM tree model) or a series of events (the SAX model).
- ▶ XPath Evaluations - evaluates an XML Path (XPath) expression over an XML document DOM tree or a derived instance of Source (StreamSource, DOMSource, SAXSource or XMLDocSource) and returns a node, node set, string, number or Boolean value.

DOWNLOAD

For documentation, and to download the Mule Xpack: <http://www.muleforge.org>

For a trial download of the Intel XML Software Suite: <http://www.intel.com/software/xml/>

ABOUT MULESOURCE

MuleSource is the leading provider of open source service oriented architecture (SOA) infrastructure software. Founded by the creators of the Mule project, the world's most reliable and widely used open source enterprise service bus (ESB) and integration platform, MuleSource delivers enterprise-class software, support and services to the thousands of organizations that have downloaded the open source project worldwide.

For more information: www.mulesource.com, or email info@mulesource.com.

ABOUT INTEL CORPORATION

Intel (NASDAQ: INTC), the world leader in silicon innovation, develops technologies, products and initiatives to continually advance how people work and live. **For more information: www.intel.com**

Xpack Benefits for Mule users

- ▶ Offload XML processing from Mule for increased performance
- ▶ Leverage best-in-class XML processing technology without custom coding
- ▶ Packaged documentation for tuning and configuration best practices enables faster time-to-market
- ▶ Take advantage of parallel CPU architectures by automatically splitting transformations into parallelized tasks

Xpack Benefits for Intel® customers

- ▶ Leverage Mule's lightweight architecture and adaptive integration characteristics to build on existing infrastructure with no rip-and-replace
- ▶ Off-the-shelf XML processing, optimized for Intel platforms
- ▶ Incorporate rich XML-oriented data streams and services into a larger SOA strategy