

Select XMLSync

Design XML Schemas to suit your business needs and understand Standard XML Schemas

Simplify the design of applications using Standard XML Schemas to quickly deliver mission-critical eBusiness applications.

- *Design and generate XML schema files directly from Select Architect™ UML models*
- *Reverse engineer and incorporate XML designs directly into Select Architect UML models*
- *Provide industry-standard automated documentation to enhance understanding of XML Schemas*
- *Distribute XML schemas using industry-standard proven XML formats*
- *Leverage existing models to provide XML-enabled architecture and software solutions*

CONNECT BUSINESSES

XML has become the standard mechanism to pass data between organizations and architectural layers, with its rich extensibility and self-describing capabilities. B2B XML Schema standards are evolving and organizations are defining their own internal schemas for data transfer.

When building software systems, with Web Services, components or any other architecture that utilizes XML, it is important for you to understand the structure of existing XML Schemas, design your new XML Schemas well and communicate them clearly to your developers.

Select Business Solutions™ we have been working with organizations implementing XML-based architectures since 1999. To ensure that your XML Schema matches the interfaces of the components which use the data, our tools automatically generate XML Schema from your UML models. This helps ensure the quality of your schema and speeds up the task, through automation.

RAPID SOLUTION DEVELOPMENT

The XML modeling integration with Select Architect provides rapid integration and generation of XML Schemas with Component and Service based Architecture. Import XML models into your corporate modeled architecture or export XML models creating XML Schema files from Select Architect objects.

Updates to your XML Schema files can quickly be reflected in your UML models. This allows your investment in modeling to be maintained, through full round-trip engineering using XML and an incremental process. Conversely, changes to the UML model may be easily reflected into your XML Schema files by synchronization and regeneration of the XML schemas.

An additional benefit of this XML Schema Reverse-Engineering stems from the availability of industry XML Schemas and your existing XML Schemas. These can be reversed into your UML models, to help you understand the schemas as well as give you a starting point for XML-enabled application design and development.

XML Schemas can also be published into corporate repositories using direct integration with Select Asset Manager™ and these will then be available for distribution throughout the Enterprise



Select XMLSync™ will:

- Speed the development life cycle, generating XML Schema files
- Harvest existing internal or external XSD schemas incorporating these into UML modeling architecture and designs
- Update your UML model when the XSD Schema files are changed
- Generate XSD in a structured and controlled environment
- Ensure streamlined performance, whatever the model size, from one to hundreds of users
- Encapsulate functionality using UML packages and generate multiple files off of a single UML Model
- Using XMLSync, you can now model the XML Schemas used in you Web Services, and then publish these complex types along with your Web Service definitions into Select Asset Manager™

SEAMLESS SYNCHRONIZATION

Once your applications are deployed, the underlying business requirements often change. Select XMLSync includes round-trip engineering technology that resolves model and file divergence, allowing changes to be applied in both directions. Select XMLSync also allows direct mapping of objects modeled in Select Architect into XML elements as well as seamless round-trip XML generation.

FAST AND FLEXIBLE SOLUTIONS

With Select XMLSync and Select Architect you can:

- Drive XML synchronization with UML packages or classes
- Generate XML and models based on iterative changes
- Map local and corporate business classes, attributes and associations to XML elements, attributes and element containment including model descriptions, associative attributes and data typing

Select XMLSync gives you everything you need to generate and synchronize XML schemas with your Select Architect Model. As part of Select Solution Factory™, Select XMLSync plays a significant role in ensuring the quality and productivity of your XML Development.

To find out more about how Select XMLSync can help you design your business critical software solutions visit www.selectbs.com or refer to the companion data sheets.

About Company

Select Business Solutions' Application Development Solutions business unit builds and supplies market leading Process, Visual Modeling and Application and Development Tools. Our offerings provide comprehensive and innovative solutions for our customers to gain technological competitive advantage in areas such as CMMI, MDA, SOA, Microsoft.NET and Eclipse.

Select prides itself on its exceptional customer retention and satisfaction, working closely with customers and analysts to deliver award winning products and processes. Our mission is to enable our customers to deliver the right IT solutions for their businesses on time and to budget, without overcomplicating or enforcing technology lock-in.

Our tools are successfully implemented in thousands of organizations throughout all the major industries including finance, retail, telecommunications, distribution and government. Select is an Avantcé Company, (www.avantce.com) headquartered in Trumbull, Connecticut. Select operates sales offices throughout North America and Europe, in addition to a network of international distributors.



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