

THE SOA DEVELOPMENT TOOL FOR CA PLEX

Websyidian TransacXML Developer is the SOA development tool for CA Plex.

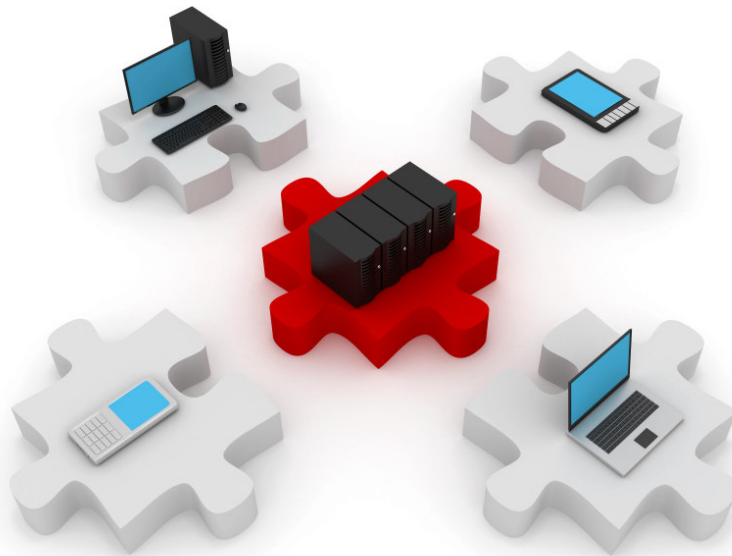
SOA STEP ONE: EXCHANGING XML DOCUMENTS

SOA is the hot approach to application development today. Getting to grips with XML will take you the first step down the SOA road.

Websyidian TransacXML Developer is a complete XML application development environment for CA Plex. It enables you to build any kind of transactional XML application tightly integrated with corporate back-end systems and processes. Websyidian TransacXML developer can be used without any prior knowledge of XML.

RECEIVE AND PROCESS XML DOCUMENTS

When you use the XML processing features of Websyidian TransacXML Developer, it is easy to process XML documents received from business partners. Data can easily be extracted from the received XML document and can be used for creating and updating records in your back-end systems. Data can be imported directly in to a schema with a click of a mouse.



GENERATE AND SEND XML DOCUMENTS

Websyidian TransacXML Developer makes it possible for you to generate XML documents based on data from your back-end systems as well as a DTD (Document Type Definition) describing the structure of the XML document. The generated XML documents (and DTD) can subsequently be sent to business partners.

SOA STEP TWO: DEVELOPMENT OF WEB SERVICES

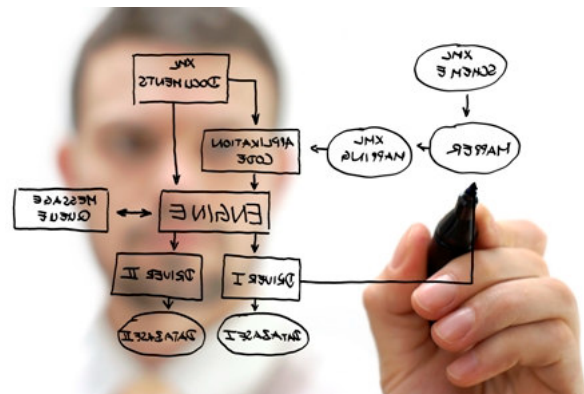
Websyidian TransacXML Developer enables development of web services using SOAP as the transport protocol. Further Websyidian TransacXML Developer provides full support for generation of web services based on the import of the WSDL definitions and for generation of a WSDL definition of a web service developed with Websyidian TransacXML Developer.

RELATIONAL DEVELOPMENT APPROACH

Websyidian TransacXML Developer provides you with a very strong environment to utilize existing CA Plex development skills when integrating the XML applications with existing back-end application because it uses the relational approach to read and write the XML documents. Furthermore, Websyidian TransacXML Developer provides you with an easy-to-understand standard interface to XML documents. This makes it possible to write XML processing applications without prior knowledge about XML.

FULL COMPLIANCE WITH XML STANDARDS

Websyidian TransacXML Developer uses the W3C DOM Level 1 standard interface to process XML Documents, and Websyidian TransacXML Developer's XML processing interface is therefore based upon a well-founded and thoroughly tested concept ensuring full compliance with XML standards.



HANDLE NEW TYPES OF XML DOCUMENTS

Because Websyidian TransacXML Developer provides a standard interface to XML processing, it is easy, fast, and safe to extend any XML application to handle new types of XML documents. When presented with new or changed DTD's (Document Type Definitions), applications are easily updated.

CONCENTRATE ON CORE BUSINESS ACTIVITIES AND KNOWLEDGE

With Websyidian TransacXML Developer you are provided with a ready-to-use foundation for XML processing, therefore you can concentrate on core business activities and still have access to all the benefits of using XML documents.

MORE INFORMATION

www.websyidian.com

FEATURES

Feature	Description	Benefit
Process XML documents	Utilizing the easy-to-use standard XML interface, XML documents can be received and processed without any XML specific development effort. Data from XML Documents can subsequently be used to update back-end databases.	XML documents from customers and business partners can be received and processed.
Generate XML documents	Websyidian TransacXML Developer can automatically generate XML documents based on extractions from back-end databases.	Offers customers and business partners corporate data in a universally recognized format.
Single skill-set	The development process is based on the CA Plex development environment, and no additional XML skills are required.	Short time-to-market. No time-consuming knowledge acquisition of XML required.
Relational database abstraction	An abstraction on the XML document, providing you with a tables-and-records view on the XML document. In this way, XML documents are accessed as relational tables instead of being traversed as complex XML trees.	Focus on high-level data processing.
Generate DTD's	Automatic generation of DTD (Document Type Definition) that defines the structure and syntax of the generated XML documents. The DTD is used by recipients of the generated XML documents to validate and process the XML document.	Automates the process of generating a DTD and thus reduces the risk of inconsistencies between the DTD and the generated XML document.
Compliant with XML standards	Use of the W3C DOM Level 1 standard interface to process XML documents.	XML processing based upon a well-founded and thoroughly tested concept ensures a high degree of transparency.

XPATH standard supported	The interface to the XPATH standard included in Websydian TransacXML Developer offers a powerful yet easy access selected data in XML documents.	Easy and flexible access to XML data.
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High-level support for SOAP	Web services can be implemented "out of the box", while still allowing for advanced and detailed control of the implementation.	Fast development while maintaining flexibility. A web service can be implemented extremely fast. Business logic is easily implemented and fully integrated.
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WSDL import/Export	Import of WSDL definitions, generation a Web Service and export of the WSDL definition from a Web Service developed using Websydian TransacXML Developer	Fast and easy Web Service generation based on WSDL. Fast and easy exchange of WSDL definition to subscribers.
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