



## PRODUCT COMPONENT TEMPLATE

### DEFINITION

<i>Name</i>	WebSphere
<i>Description</i>	<p>“Websphere” is an application and transaction infrastructure which delivers high-volume transaction processing for customers mission-critical applications, through <u>two</u> application environments.</p> <ol style="list-style-type: none"> <li>1. <a href="#">WebSphere Application Server</a> is the Java 2 Enterprise Edition and Web services-based application server, is available on a broad number of platforms and provides a robust, proven environment for Java applications. The WebSphere list of product include: <b>Application Server, Application Server – Express, Application Server Technology for Developers, Business Integration Modeler, Business Integration Server Foundation, Development Studio Client for iSeries, Development Studio for iSeries, Host Access Transformation Services, Studio, Studio Application Developer (WSAD), Studio Application Developer Integration Edition, Studio Application Monitor (WSAM), Studio Asset Analyzer, Studio Device Developer, Studio Enterprise Developer (WSED), Studio Homepage Builder, Studio Site Developer and Studio Workload Simulator (WSWS).</b></li> <li>2. <a href="#">CICS Transaction Server</a> provides the base for the majority of mainframe applications today and supports the development of applications in popular languages such as COBOL, PL/I, C/C++ and Java. The list of products include: <b>CICS Transaction Server, CICS Connectors, CICS Interdependency Analyzer, CICS Business Event Publisher for MQSeries, CICS VSAM Transparency, CICS Interdependency Analyzer, CICS Interdependency Analyzer, CICS Performance Analyzer, CICS VSAM Copy, CICS VSAM Recovery, CICS Performance Monitor, Rational Software, IMS Transaction Server, Rational Rose XDE Modeler, Enterprise COBOL and PL/I for z/OS, COBOL EJB Support and XML enhancements, Application Monitor for z/OS, Debug Tool for z/OS, Fault Analyzer for z/OS, File Manager for z/OS, Session Manager, IMS and DB2 Tools and Workload Simulator for z/OS</b></li> </ol> <p>Both environments offer a comprehensive set of software tools supporting the full application development lifecycle for traditional mainframe, web-based, Java and composite applications with sophisticated connector technology allowing for rapid implementation of applications.</p>
<i>Rationale</i>	Websphere provides an ‘Enterprise’ solution to developing small and large volume transaction web applications, easy migration/transition from private CICS app/networks, re-use of proven legacy application code.

<i>Benefits</i>	<ul style="list-style-type: none"> <li>• Multi-platform support</li> <li>• Comprehensive set of software tools</li> <li>• Dual environment support</li> <li>• Full application development lifecycle support</li> <li>• Handles small, medium and large volume transaction application development</li> <li>• Provides for re-use of code</li> <li>• Support the latest web technology (e.g. web services)</li> <li>• Integrate with other technology (e.g. XML)</li> <li>• Leverage customer-related data from other systems</li> <li>• Improve staff productivity</li> <li>• Reliable proven technology</li> <li>• Suited for all application development and is recommended for applications with an excess of 100,000 transactions per day.</li> </ul>
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#### ASSOCIATED ARCHITECTURE LEVELS

<i>Specify the Domain Name</i>	Application
<i>Specify the Discipline Name</i>	Development Tools
<i>Specify the name of the associated Technology Area</i>	Web Based, Mainframe

#### KEYWORDS

<i>List Keywords</i>	Web, WSAD, WSAM, WSED, WS <sup>2</sup> , CICS, 3270 Bridge, CWS, Web-Aware
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#### VENDOR INFORMATION

<i>Vendor Name</i>	IBM	<i>Website</i>	<a href="http://www.ibm.com/us/">http://www.ibm.com/us/</a>
<i>Contact Information</i>			

#### POTENTIAL COMPLIANCE SOURCES

<i>Name</i>		<i>Website</i>	
<i>Contact Information</i>			
<i>Name</i>		<i>Website</i>	
<i>Contact Information</i>			

#### COMPONENT REVIEW

<i>List Desirable aspects</i>			
<i>List Undesirable aspects</i>			
<i>Operating System</i>		<i>Platform</i>	

#### ASSOCIATED COMPLIANCE COMPONENTS

##### Product

<i>List the Product-specific Compliance Component Names</i>	
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##### Configuration Links

<i>List the Configuration-specific Compliance Component Names</i>	
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**COMPONENT CLASSIFICATION**

<i>Provide the Classification</i>	<input type="checkbox"/> <i>Emerging</i> <input checked="" type="checkbox"/> <i>Current</i> <input type="checkbox"/> <i>Twilight</i> <input type="checkbox"/> <i>Sunset</i>
<i>Sunset Date</i>	

**COMPONENT SUB-CLASSIFICATION**

<b>Sub-Classification</b>	<b>Date</b>	<b>Additional Sub-Classification Information</b>
<input type="checkbox"/> <i>Technology Watch</i>		
<input type="checkbox"/> <i>Variance</i>		
<input type="checkbox"/> <i>Conditional Use</i>		

**RATIONALE FOR COMPONENT CLASSIFICATION**

<i>Document the Rationale for Component Classification</i>	
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**MIGRATION STRATEGY**

<i>Document the Migration Strategy</i>	
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**IMPACT POSITION STATEMENT**

<i>Document the Position Statement on Impact</i>	
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**AGENCIES**

<i>List the Agencies Currently Utilizing this Product</i>	
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**CURRENT STATUS**

<i>Provide the Current Status</i>	<input type="checkbox"/> <i>In Development</i> <input type="checkbox"/> <i>Under Review</i> <input checked="" type="checkbox"/> <i>Approved</i> <input type="checkbox"/> <i>Rejected</i>
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**AUDIT TRAIL**

<i>Creation Date</i>	02-01-05	<i>Date Approved / Rejected</i>	02-08-05
<i>Reason for Rejection</i>			
<i>Last Date Reviewed</i>		<i>Last Date Updated</i>	
<i>Reason for Update</i>			