IBM

CDS05 Web services Implementation and Exploitation

The expertise behind our Web services service offering can help you introduce and exploit CICS Web services in your environment with the minimum effort and delay.

CICS TS initially provided support for Web services with the SOAP for CICS Feature available with CICS TS Version 2. Since that time, significant enhancements to this basic support have been added.

Elements of the service offering are:

Education Workshop
If you are new to Web services in CICS, or are in need of a refresher then we offer a one to three day workshop (dependent upon your needs) either onsite at your business (or nearby IBM office) or at IBM Hursley in the UK. The workshop consists of classroom tuition and hands-on lab exercises using CICS Web services tooling on IBM supplied laptops to create CICS Web services across a network connection on a CICS system located at IBM Hursley.

Discovery, Analysis and Recommendations
In this phase we examine your existing environment to establish usage patterns of CICS transactions, and make recommendations as to which of your business components should be Web service enabled.

The design discussions we hold take into account the Qualities of Service that you need to maintain to meet your business Service Level Agreements. So these typically cover security and governance, availability and performance.

We also advise on how best to integrate CICS Web services with other products within your environments (such as WebSphere Application Server, WebSphere MQ, WebSphere Enterprise Service Bus, WebSphere Message Broker and WebSphere Service Registry and Repository). We can also advise on the use of Service Component Architecture (SCA) which is a new feature delivered with CICS TS 4.1 that enables you to wire together different Web services and other business components.

We will advise you of best practise for identifying transactions for Web services enablement using CICS Interdependency Analyzer and also for monitoring CICS Web services performance end-to-end using IBM Tivoli ITCAM for SOA.

We will provide advice and guidance on how to incorporate existing CICS applications into a SOA using the Web services accelerator IBM WebSphere DataPower SOA appliance.

Delivery
We can work with you on the actual implementation of CICS Web services within your environment. This will involve an IBM expert on-hand to help with the implementation to avoid any stumbling blocks.

Examples of where we can help with other CICS Web services related offerings are:

- Assistance with Proof of Concept / Proof of Technology evaluations of Web services in CICS

- Assistance using CICSPlex/SM or IBM OMEGAMON XE for CICS to monitor and manage Web service workloads

- Education on using Rational Developer for z (RD/z) to simplify the application development experience for Web services in CICS

- Assistance with configuring IBM Tivoli Federated Identity Manager for use with WS-Trust in CICS TS 3.2

- Assistance with exploiting the service flow feature in RD/z to aggregate BMS and COMMAREA based

programs into CICS Web services.

Participation in project
You designate a representative as the focal point for this project. Your representative:

- Helps resolve project issues and escalates issues within your organization (as necessary)

- Helps resolve any deviations from project plans

- Obtains and provides information, data and approvals within three working days of our request, unless an extended response time is agreed upon

- Provide IBM CICS services specialists and developers access to your CICS environment.

Benefits

- Re-use existing CICS assets as Web services in a Service Oriented Architecture

- Reduce application development costs

- Improve application development time-to-value

- Your staff can work with our services specialists to gain knowledge and experience with CICS and Web services

- You get the benefit of IBM's leading edge knowledge

- You can concentrate on your core business activities while the study is carried out by our services specialists.

Prerequisites
For IBM to perform this service you must have your CICS technical staff available to work with our IBM CICS services specialists and developers.

The prerequisites listed may not contain all of the requirements for this service. For a complete list of prerequisites, consult your sales representative.

For more information…
Visit our Internet Web Site at
http://www.ibm.com/software/htp/cics/service/

IBM ®