Impact 2013 Open Labs Catalog

Product Technology Center (San Polo 3401)

The open labs consist of a large selection of lab exercises that you can "drop in" to your Impact 2013 conference schedule whenever you like. Labs are self-paced and cover many IBM technologies at varying depths.

You can come in any time during the hours listed below, select a lab, and start working almost immediately. There are some situations in which we may have to limit the number of people doing a particular lab at the same time.

Monday 10:30am - 6:30 pm
Tuesday 8:30am - 6:30pm
Wednesday 8:30am - 6:00pm
Thursday 8:30am - 6:00pm

OL01 Worklight 5.0.5: A Brief Introduction - HelloWorklight

In this exercise, you will get a brief introduction to the features and uses of Worklight Studio and Worklight Server for building multiplatform hybrid mobile applications. You will create a simple application, and deploy it to Worklight Server and the Android emulator, and test it in both common component and Android specific contexts.

OL02 Worklight 5.0.5: MQTT Telemetry with Worklight 5.0.5

In this lab you will explore how enterprise capabilities can be extended to the Mobile world to build relationships and customer satisfaction. You will build a prototype of a Mobile application to allow a customer to watch the progress of their luggage after airline check-in, through pickup.

OL03 WebSphere Extreme Scale/WebSphere Liberty Profile: Scalability

Explore the features of these products in combination to provide scalability to your web applications. You can grow with WebSphere Extreme Scale, starting from a WebSphere Liberty Profile base.

OL04 Worklight 5.0.5: Proof of Technology LAB1 & LAB2

In this pair of dependent scripted labs, users will build their own mobile application, then import and inspect a fully-styled and fully-implemented version of the app with advanced Worklight features. Users will gain familiarity with Worklight Studio, hybrid application development, JQuery Mobile, previewing and debugging mobile applications, and use of Android SDK tools.

OL05 WebSphere Message Broker 8: SOA Service Creation

WebSphere Message Broker Version 8.0.0.1 introduces new facilities for the creation of services. This exercise explores new facilities in the Toolkit, as well as additional facilities in the MB Explorer for the administration of services and the ability to view these services through the WAS (WebSphere Application Server) admin console.

OL06 WebSphere Message Broker 8: Message Models for CSV Data

This lab will create a message model that will model a CSV file. A message model is used by WebSphere Message Broker to model a message format. The message models used by WebSphere Message Broker are all based on World Wide Web Consortium (W3C) XML Schema 1.0 (XSD).

OL07 WebSphere Message Broker 8: Message Models for COBOL Data

In this lab, you will create a Message Model from a COBOL Copybook. Then you will test parse it against
a valid data file and a malformed data file. In the final part you will to take a look at the trace facility. A message model is used by WebSphere Message Broker to model a message format. The message models used by WebSphere Message Broker are all based on World Wide Web Consortium (W3C) XML Schema 1.0 (XSD).

OL08 WebSphere Message Broker 8: Message Models for Tagged Data

In this lab you will build a message model capable of parsing a tagged / delimited file. Examples of this type of messages are those that conform to the ACORD AL3, EDIFACT, HL7, SWIFT, or X12 standards. This format allows a high degree of flexibility when defining message formats, and is not restricted to modeling specific industry standards; therefore, you can use it to model your own unique message formats as well as the standards.

OL09 WebSphere Message Broker 8: Message Models for Prefixed Data

This lab will illustrate some variations of length prefix specifications now supported by WebSphere Message Broker in the V8.0.0.1 message modeling tools.

OL10 WebSphere Message Broker 8: Message Record and Replay Service

This lab will use a message flow that is derived from the WebSphere Business Monitoring Sample Application. The message flow takes purchase orders, and routes them to a particular destination, based on whether the customer is rated gold, regular or guest. The Input node, and the three Output nodes each have monitoring points defined on them, using the Monitoring tab on the node properties. These monitoring points publish certain items of the message payload data, and this data is used by the Record and Replay Service to view messages that have been processed, and to re-submit (replay) the message for re-processing.

OL11 WebSphere Message Broker 8: Integration with .NET

In this extended 4 part lab exercise you will explore integration between WebSphere Message Broker and Microsoft .NET using different techniques. You will expose a .NET class as a service using Message Broker, invoke a .NET class from Worklight using such a service, call a .NET framework application from an ESQL Compute node, and wire a .NETCompute node into a message flow.

OL15 WebSphere Application Server 8.5: Deploy services using Rational Application Developer 8.5

In this simple exercise, you will use Rational Application Developer for WebSphere to create a simple web service and deploy it to WebSphere Application Server, and then test it using the Web Services Explorer.

OL16 IBM BPM 8.0.1: Model and Run your Business Processes

In this exercise, you will model and run business processes in a visual, code-free environment. You will see how IBM BPM balances business friendly modeling with IT-savvy SOA capabilities. Once you have completed the basic exercise, there are more advanced explorations available using this lab.

OL17 IBM WebSphere Operational Decision Management 8.0: Business Rules

You will interact with an auto insurance quoting web site and explore how the pricing decisions are separated from the web application and automated using business rules that can be maintained by line-of-business subject matter experts, instead of IT.

OL18 IBM WebSphere Operational Decision Management 8.0: Managing Decision Changes

You will play the role of a regional pricing manager who is tasked to introduce some changes to the pricing decision logic to improve New Jersey profitability. You will use the Decision Center Business Console.

OL19 IBM WebSphere Operational Decision Management 8.0: Decision Governance

You will play the part of a regional pricing manager who needs to adjust the pricing rules following an established governance lifecycle. The lifecycle governance assures that forecasting tools are used to assess the business impact and profitability of changes being implemented prior to deployment.

OL20 IBM WebSphere Operational Decision Management 8.0: Business Events

You will interact with the auto insurance quoting solution though multiple channels (web site and call center) and explore how business events can be used to correlate customer actions and respond in a manner to assist in closing sales through targeted promotions.

OL21 WebSphere Liberty Profile 8.5: Servlets and Java Persistence Architecture (JPA)

In this lab, you will write a small web application containing a single HTTP servlet and deploy it on IBM WebSphere Application Server V8.5 Liberty Profile. There are optional steps to go further, and add JPA persistence to the servlet code connecting to IBM DB2.

OL22 WebSphere MQ 7.5: Configuring Point-to-Point Messaging
In this exercise, you will see how you can use WebSphere MQ to exchange information between applications. These applications may have been written by different teams, run on different systems, and were not initially designed to work together. However, WebSphere MQ can connect across nearly all commercial IT platforms to provide assured, asynchronous and reliable delivery of queued messages to avoid data loss, even when problems arise.

OL23 WebSphere MQ 7.5: Security for Administrators
This exercise will introduce you to several WebSphere MQ tools and commands important to managing security features for WebSphere MQ. You will see the MQ Authorization commands. You will learn about some of the security related WebSphere MQ SupportPacs. You will gain hands-on experience configuring channel authentication records and SSL for authentication. You will walk through the base hardening tasks for an MQ Queue Manager.

OL26 Blueworks Live Open Lab
Come discover the business value IBM Blueworks Live can bring. Learn process and decision discovery in this hands on step by step lab.