

WebSphere HATS v7.0 with iSeries

The training course is to cover the WebSphere Host Access Transformation Services (**HATS**) v7.0 overview and **HATS v7.0** development with iseries server, targeted especially to *System i*, *iseries i5/OS*. In this course you will be able to learn how you can web enable your **5250** screens to make your business application more flexible, productive and easy to use.

Below is the three day course outline of our trainings:

Day 1:

HATS Overview

- Introduction to **HATS**
- WebSphere Based Architecture
- Key Concepts and Objects

Lab Exercises

Lab 01 – Creating your First Project

- Default Rendering
- Edit Default Rendering

Lab 02 – Working with Templates

- Change Default Template
- Modify Default Template
- Import Web Page to use as Default Template
- Edit the Imported Template

Lab 03 – Global Rules

- Screen Captures
- Specifying Global Rules

Lab 04 – Working with Cascading Style Sheets

- Edit Style Sheet (CSS) using CSS Designer

Day 2:

Lab Exercises (*Continued...*)

Lab 05 – Screen Customization using HATS Components and Widgets

Lab 06 – Working with Macros

- Sign On Macro
- Associating Connect Macro
- Sign Off Macro

Lab 07 – Working with Tabbed Folders

- Tabular Data in Table Widget
- Tabular Data in Graph Widget
- Tabular Data in Chart Widget

Lab 08 – Using Global Variables

- Storing and Retrieving Global Variables
- Using Multiple Connections

Lab 09 – Subfile Support

- Using HATS Subfile Component and Widget

Day 3:

Lab Exercises (*Continued...*)

Lab 10 – Using Integration Objects

- Integration Objects
- Creating Model 1 JSP pages
- Chained Integration Objects

Lab 11 – Web Services

- Creating and Consuming Web Services

Lab 12 – HATS Administration

- Creating HATS Administration Project

Lab 13 – Import and Export HATS Project

Lab 14 – Deploy HATS Application

- Deployment on Websphere Application Server
- Deployment on WebSphere Portal Server

Lab 15 – Create Business Logic

- Add JDBC Connection code to connect with *iseries* Database

Lab 16 – Using Javascript in HATS Application

Lab 17 – Rich Client Platform (RCP) Application