

MicroStrategy Web SDK: Customizing User Interactions

Overview:

This two-day course is geared towards individuals tasked with customizing their MicroStrategy Web/Web Universal application, using the MicroStrategy Software Development Kit (SDK). In this course, students will learn about the architecture of MicroStrategy Web/Web Universal, the page execution flow, and customization best practices. Students will be introduced to add-ons and how to create and implement custom add-ons. Students will also learn how to control the availability of MicroStrategy Web functionality based on custom conditions. Finally, students will learn about events, event handlers, event definition files, event processing, event maps, and how to create and implement custom events. The class combines lecture with hands-on exercises and a project.

Cost:

- US\$1,300 per person, or 2 LUs

Number of Days:

- 2 days

Who Should Attend:

- Web Interface Designers
- Web Application Developers
- Consultants
- ASP, SI and OEM partners with an application development focus

Prerequisites:

- MicroStrategy Desktop: Reporting Essentials
- MicroStrategy Web SDK: Customization Essentials
- Advanced programming skills in Java, JSP, and XML

Topics:

Day One

- Fundamentals of Web Customization
 - MicroStrategy Web Architecture
 - Overview of Web Customization
 - Best Practices for Customization
- Customizing Add-ons
 - Predefined Add-ons
 - Add-ons Usage
 - Add-ons Interface
 - Implementing Add-ons
 - Analyzing WebComponent Instance
 - Setting Properties on Add-ons
 - Common Customization Mistakes
 - Upgrading Add-ons
- Customizing Web Features
 - Predefined Web Features
 - Web Features Usage
 - Implementing Custom Web Features

Day Two

- Customizing Events
 - Event, Event Handlers and Web Beans
 - Event Definition Files
 - Event Processing
 - Event Maps
 - WebEventHandler
 - WebEvent
 - Why Customize Events?
 - Customization Steps
 - Common Customization Mistakes
 - Custom Add-ons versus Custom Events
- Project