

Onsite Training

Extended Development with ICEfaces 2 and JSF 2



DAY 1:

Day 1 begins with an introduction to JavaServer Faces (JSF2). Working with your choice of IDE (MyEclipse, Eclipse) you will create and deploy a JSF2 web application. Each lecture is followed by an exercise, covering a broad range of JSF2 features. The exercises build upon each other, so that by the end of the course, you will have a fully functional enterprise application. Topics include:

- Simple JSF Form with JSF Components
- Managed-Beans, Expression Language (EL)
- Validators, & Converters
- Phases of the JSF Lifecycle
- Internationalization

DAY 2:

Day 2 of the course continues to expand your knowledge of JSF2 (Facelets) and provides an introduction to ICEfaces. The exercises will have you convert your application to ICEfaces and take advantage of Ajax features such as Automatic AJAX and AJAX Push. Topics include:

- Facelets Templates and Composite Components
- JSF AJAX
- Introduction to ICEfaces
- ICEfaces Single-Submit, Window Scope
- AJAX Push with ICEpush

DAY 3:

Fortify your application with ICEfaces components and focus on application design. The result is a loosely-coupled, service-oriented architecture in an application using AJAX push to update a data table. Topics include:

- ICEfaces Components
- ICEfaces Component Styling
- Advanced ICEfaces Data Table with Pagination, Column Sorting, Row Selection

DAY 4:

Day 4 of the course continues with building your application. You will learn how to inject Spring services into your managed beans and use ICEfaces to build a Rich Internet Application (RIA) that features Create, Read, Update, and Delete (CRUD) functionality. Students remove Spring to get familiar with JPA as a persistence provider and add lazy loading to the data table provider. Topics include:

- Spring IOC integration
- JPA integration
- Improve Scalability with Lazy-Loading DataModel

DAY 5:

Day 5 of the course rounds-out your knowledge of ICEfaces and covers testing. Topics include:

- ICEfaces Composite Components
- ICEfaces Testing
- ICEfaces Optimizations

ICESoft Technologies, Inc.

For more information on ICEfaces Training, visit: <http://www.icefaces.org/main/training/>

USA & Canada: 1 877 263 3822 (Toll Free)
Europe: +41 31 329 09 00
Other: +1 403 663 3322