# ICEfaces®
**Next Gen JSF AJAX Development**

## Introduction to ICEfaces 2 and JSF 2 – Online Course Curriculum

### DAY 1 (3 hrs):

Day 1 begins with an introduction to JavaServer Faces 2 (JSF2). Working with the Eclipse IDE, you will create and deploy a JSF 2 web application. Day 1 will include lectures and exercises covering a broad range of JSF 2 features. The exercises build upon each other, so that by the end of the course, you will have a real and fully functional ICEfaces / JSF application. Topics include:

- Intro to JSF 2
- Creating your Project in Eclipse
- Managed-Beans and Expression Language
- Bean Scopes - Exercise
- Bean Bindings
- Input / Output Components Overview
- Selection Components
- Converters & Custom Converter

### DAY 2 (3 hrs):

Day 2 of the course continues to expand your knowledge of JSF 2. Topics include:

- Validators, & Custom Validator
- Phases of the JSF 2 Lifecycle
- Phase Listener
- Internationalization
- Command Components
- Common Utility Methods
- JSF Action Events: Value Change Listeners, Action Listeners
- JSF Data Table Component - Exercise

### DAY 3 (3 hrs):

Day 3 will introduce ICEfaces 2 and walk you through the configuration of the framework. Students will also be introduced to Facelets, Composite Components, ICEfaces Components, and advanced Ajax features such as single-submit and Ajax Push (ICEpush) features. Topics include:

- Facelets, Templating, Composite Components
- Introduction to ICEfaces
- ICEfaces configuration and application development
- ICEfaces Single-submit
- Ajax Push (ICEpush)
- ICEfaces Components & Advanced Components development

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