

# Struts: Introducing the MVC pattern in Java web development

## Introduction

Developing and maintaining large web application requires a clean separation between the presentation layer and the business layer. This is typically achieved using the Model-View-Controller pattern. A 'controller' layer handles the interactions between the frontend and backend. The Struts framework offers an implementation of the MVC pattern for web applications.

## Description

The goal of Struts is to cleanly separate the *model* (application logic that interacts with a database) from the *view* (HTML pages presented to the client) by using a *controller* (instance that links the view with model). Struts provides this controller via a centralized servlet. As a web application programmer you are responsible for writing the view (typically a JSP) and the model code. Both are binded together using a central configuration file.

## Objectives

After attending this seminar, students will be able to:

- Understand the Struts framework.
- See how it implements the MVC pattern
- Develop a simple web application using Struts.

## Audience

Everyone interested in having an introduction to the Struts framework: developers, architects, project managers, recruiters.

## Content

The course contains the following topics:

- MVC pattern and Struts
- Exploring the framework
- Configuring a Struts web application
- Hands-on development
- Q&A

## Course material

The course material provided includes all presentation materials, notes and additional handouts.

## Speakers

**Frederik De Backer and Xavier Denayer** are senior software engineers at ithomi. They are specialized in application design and development with Java/J2EE technologies.

### Related Seminars and Workshops

»» Creating Interactive Web Applications with AJAX (3h)