



J2EE7 - Version: 1  
22 September 2021

# J2EE Design patterns



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 **1 days Course**

## Description:

This course provides students with strong java programming and knowledge and experience of J2EE development with the knowledge of how to design and develop J2EE application using best practice.

The course covers design and architecture patterns across the different tiers.

## Intended audience:

J2EE developers, architects and leaders

## Prerequisites:

Experience java programmers with J2EE knowledge.

Recommended -Java Design patterns course (not necessary)

## Objectives:

Understand and be able to implement J2EE design patterns

Be able to choose the best pattern for a solution

Be able to implement Integration tier patterns

Be able to implement Business tier patterns

Presentation tier patterns

## Topics:

### Introduction

- J2EE Introduction.
- Design patterns introductions

## Integration tier patterns

- Data access object.
- Service activator

## Business tier patterns

- Business object
- Composite entity.
- Application service
- Session facade
- Transfer object
- Value list handler
- Business delegate
- Service locator

## Presentation tier patterns

- Front controller +Application controller.
- Composite view
- View Helper
- Service to worker