



# The Combinator Design Pattern

## **Prerequisites**

This seminar was developed for software developers with extensive experience in Java programming. The participants should be already familiar with the following topics: Inner Classes, Lambda Expressions, Functional Interfaces, and Java 8 Streams. If the participants are not familiar with these topics (or some of them) it would be possible to extend this seminar with additional training accordingly.

## **Duration**

This seminar includes 4 academic hours.

## **Premium Training**

This seminar can be delivered either in Hebrew or in English. It can be delivered either online, or in a Hybrid way that allows the participants to choose whether to attend the meeting room where the training takes place or to join online.

## **The Lecturer**

This seminar is delivered by Haim Michael, an experienced well-known software development trainer with more than 25 years of experience in software development training, more than 25 years of experience in Java programming.

## **The Topics**

This seminar introduces the combinator design pattern, and overviews some of its possible implementations when using the Java programming language. Taking this seminar, you will acquire in-depth understanding of the combinator design pattern and you will know how to implement it in Java.

The Combinator Design Pattern's Intent

Inner Classes

Lambda Expressions

Functional Interfaces

The Single Responsibility Principle

Primitives and Combinators

Overviewing Possible Implementations

Conclusions