

# Reactive Programming in 2 Days

Developer to Developer Training Series





## Course Outline

The 2 day Reactive Programming course is aimed at developers who would need to start building powerful concurrent applications with the Akka and Scala.

The aim of the course is to introduce the participants with the basic concepts of the Reactive Programming like domain driven design, how to create a scalable, resilient and responsive application.

The course has a practical focus, mixing presentation with indepth hands on labs and exercises.



## Proposed Structure

Day 1	Day 2
<ul style="list-style-type: none"><li>◆ What is reactive programming.</li></ul>	<ul style="list-style-type: none"><li>◆ Observer pattern and reactive programming</li></ul>
<ul style="list-style-type: none"><li>◆ Role of Functional Programming in reactive programming</li></ul>	<ul style="list-style-type: none"><li>◆ Lazy evaluation and Streams of data</li></ul>
<ul style="list-style-type: none"><li>◆ Domain Driven Design and Related Patterns.</li></ul>	<ul style="list-style-type: none"><li>◆ Dataflow and composition of events</li></ul>
<ul style="list-style-type: none"><li>◆ Event driven, scalability, resilience, responsive</li></ul>	<ul style="list-style-type: none"><li>◆ Designing a reactive application with Akka</li></ul>



## Course Prerequisites

To benefit from this course you should have working experience with Scala. If you do not have experience with Scala and Akka, we would recommend the “Getting Productive with Scala and Akka” course first.

- ◆ For more information on the course or a discussion on your custom need, send a mail to [info@knoldus.com](mailto:info@knoldus.com)