

# Getting Productive with Akka in 2 Days

Developer to Developer Training Series





## Course Outline

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

Though it covers a brief introduction to Scala, however, it is not a replacement for the “Getting Productive with Scala” course.

Upon completion of this course you learn how to apply the tools and services provided by Akka to build high performance, faulttolerant systems that scale.

The course has a practical focus, mixing presentation with indepth handson labs and exercises. At the end of the course, participants would be able to design scalable, faulttolerant concurrent applications with actors. Design asynchronous, event driven systems. Tune Akka application and start using and deploying Akka to production systems.



## Proposed Structure

Day 1	Day 2
◆ Concurrency, scalability and fault tolerance	◆ Messaging with Akka
◆ Understanding Actors	◆ Understanding Dispatchers
◆ Test Driven Development with Actors	◆ Understanding Routers
◆ Actor lifecycle	◆ Tuning an Akka system
◆ Fault Tolerance with Actors	◆ Monitoring and reporting
	◆ Building secure applications with Akka



## Course Prerequisites

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