

# Reactive Microservice Architectures

## Course Overview

Start Date	13th September 2017	Duration	1 day
Location	Dublin	Course Code	SS17-50

## Programme Overview

The game, of software development, is changing.

Only a few years ago a “big” system was thought to have tens of processors, respond in seconds and process Gigabytes of data. Modern systems have 1000’s of processors, are often massively distributed, respond in milliseconds and process Petabytes of data. Modern hardware is phenomenal in its capability, but our software architectures have not kept up.

The Reactive Manifesto has nearly 17,000 signatories. At it’s heart the Reactive Manifesto is based on the assumption that “21st Century problems are not best solved with 20th Century Software Architectures”. This one day workshop, led by Dave Farley, will provide participants with a strong understanding of how Reactive MicroService Systems are built and how they work.

## Course Objectives

This one day course will cover:

- How do you create a world class system?
- How do you make it resilient, responsive and elastic, able to scale down as well as up?

## Who should attend

This course is aimed at experienced architects, development managers, and developers to gives an understanding of microservices architecture and how to build fast, resilient, responsive, elastic, fault-tolerant systems that are able to scale up and down.

Basic knowledge of Java, JSON, REST, SOA, HTTP etc. is a pre-requisite for this programme.

## Course Content

This masterclass will introduce you to the idea of Reactive Systems:

- How do you design and build such systems?
- What are their properties?
- What are the design patterns and anti-patterns that play a part in building individually scalable services.

## CONTACT US

To request further information on this course or other programmes

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