

Agile AUSTRALIA 17

- WORKSHOPS -

THOUGHTWORKS' NEAL FORD LEADS AN INTENSIVE WORKSHOP THIS JUNE: **EVOLUTIONARY ARCHITECTURE**

An evolutionary architecture supports incremental, guided change as a first principle across multiple dimensions.

For many years, software architecture was described as the “parts that are hard to change later”. Then microservices showed that if architects build evolvability into the architecture, change becomes easier. This workshop, based on Neal Ford’s upcoming book, investigates the family of software architectures that support evolutionary change, along with how to build evolvable systems. Understanding how to evolve architecture requires understanding how different parts of architecture interact. Learn how to achieve appropriate coupling between components and services. Incremental change is critical for the mechanics of evolution – discover how to build engineering and DevOps practices to support continuous change. Uncontrolled evolution leads to undesirable side effects; understand how fitness functions build protective, testable scaffolding around critical parts to guide the architecture as it evolves.

The software development ecosystem exists in a state of dynamic equilibrium, where any new tool, framework, or technique leads to disruption and the establishment of a new equilibrium. Predictability is impossible when the foundation architects plan against changes constantly in unexpected ways. Instead, prefer evolvability over predictability. This hands-on workshop provides a high-level overview of a different way to think about software architecture.

ABOUT NEAL FORD – SOFTWARE ARCHITECT, THOUGHTWORKS



Neal Ford is a Director, Software Architect, and Meme Wrangler at ThoughtWorks. He is also the designer and developer of applications, articles, video presentations, and author and/or editor of an increasingly large number of books spanning a variety of subjects and technologies, including his most recent Presentation Patterns and Functional Thinking. Neal’s professional focus includes designing and building large-scale enterprise applications. Neal is also an internationally known speaker, speaking at over 700 developer conferences worldwide, delivering more than 3000 presentations.

SYDNEY

Wed 21 June 2017
Hilton Hotel
488 George St,
Sydney

MELBOURNE

Mon 26 June 2017
Cliftons Melbourne
L1, 440 Collins St,
Melbourne

REGISTER

Earlybird: \$600 *prior to*
10 April 2017
Standard: \$800

conference@
agileaustralia.com.au

THIS WORKSHOP COVERS:

- + Architecture dimensions
- + Engineering incremental change
- + Architectural characteristics
- + Identifying components
- + Identifying architectural patterns
- + Identifying fitness functions
- + Retrofitting existing architectures
- + Building evolvable architectures

Please complete this form and return to SlatteryIT: conference@agileaustralia.com.au or Level 4, 103 Lonsdale Street, Melbourne VIC 3000.

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