

Agile and Lean Software Development: Thinking and Practices

Martin von Weissenberg

Nokia, Maemo Devices
P.O.Box 407, FI-00045 Nokia Group
Email: martin.von-weissenberg@nokia.com

Abstract

In software development environment of today the status quo is no longer an acceptable way of doing business. Software organizations constructed around traditional, plan-driven project management methods find that they are no longer able to take advantage of business opportunities or react to risks, putting them at a distinct disadvantage compared to their nimbler competitors. To solve this problem an increasing number of organizations are now turning to Agile and Lean, two related methodologies that allow product development organizations to work effectively and efficiently in uncertain and changing environments. In this lecture we will look at the background, the proposed solutions, and what it means for an organization to truly become Agile and/or Lean.

Index Terms: Agile, Lean, software development, adaptive, change.