Agent-Based Programming in Eiffel

Bertrand Meyer
ISE, USA

The introduction into an object-oriented framework such as Eiffel of "agents", a higher-level functional abstraction, brings a whole new set of expressive possibilities. This tutorial will explain how to use agents in the best possible way and detail their application to a wide range of areas including: graphical programming; error handling; writing extensive contract specifications; numerical programming; iterators.

Bertrand Meyer is CTO of Interactive Software Engineering and an adjunct professor at Monash University. He is the author of several books and the main designer of the Eiffel method and language.