Computer Science Colloquium

Date: Sept. 22, 2014. 3:30 – 4:20 PM

Place: JEB 328

Speaker: Michael Hewitt, AHA Products Group

Who is Invited? Everyone!

Title: Writing Clean Code

Abstract

Robert Martin (aka “Uncle Bob”) introduces a simple but revolutionary way to write clean code in "Episode 3: Functions" of his Clean Coders video series (https://cleancoders.com). Over the last six months, software developers at the AHA Products Group in Moscow, Idaho have adopted his ideas, and as a result their codebases are dramatically cleaner, more maintainable, and easier to review by peers. Even the cleanest code written prior to these new techniques looks like spaghetti by comparison. In 20 years of professional programming, this is the single most significant leap forward in writing clean code that the speaker has experienced.

Bio

Michael Hewitt started programming professionally at Microsoft in 1992 where he worked on the first release of Windows NT, the first release of Windows 95, the first four releases of Microsoft Outlook, and the Intentional Programming effort within Microsoft Research under the direction of Charles Simonyi. In 2001, he left the company to do consulting, study the piano, and volunteer in local schools. Starting in 2004, he devoted 5 years to researching graph-based programming paradigms. For
the last 5 years, he has built embedded solutions and Linux device drivers to facilitate hardware compression, forward error correction, and encryption for the AHA Products Group in Moscow, Idaho. He also enjoys playing hacky sack with friends and once rode on the back of an elephant up a river in Thailand.