

What Is Software Development Productivity, Anyway? (Keynote)

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ABSTRACT

Businesses and consumers all want more software faster. The seemingly ever-increasing demand for more software suggests the need to not only increase production capabilities but also to produce more with the resources available for production. In other words, software development productivity needs to increase. But what is software development productivity anyway? In this talk, I will explore various ways in which productivity, both in general and for software development, has been characterized and will explore ways in which mining software repository information can help accelerate both software development productivity and innovation.

ABOUT THE SPEAKER

Gail C. Murphy is a Professor of Computer Science at the University of British Columbia. She is also a co-founder/CSO (Chief Science Officer) at Tasktop Technologies Inc. (<http://www.tasktop.com/>). Her research interests are in improving the productivity of software developers and knowledge workers by giving them tools to identify, manage and coordinate the information that really matters for their work.

