Research Seminar Series

Monday, 1 May 2006, 2-2:50pm, Broun 238

Individual Case Studies of Extreme Programming Teams

With the recent emergence of agile software development technologies, many organizations, small and large, have adopted Extreme Programming (XP) or a subset of its practices. This talk begins by providing a brief comparative introduction between the first version of XP, introduced in 2000, and the more recent version, introduced in 2005. I will then discuss the empirical evaluation of the XP development process in terms of industrial case studies performed at IBM, Sabre and Tekelec. These case studies involve measurement of various product and process measures to compare the XP process with prior processes and a qualitative assessment of the obstacles that were encountered by the teams. We have seen variations in the practices used by the teams, but all teams have realized an improvement in the quality of their software products.

Laurie Williams, PhD
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Reception following in Dunstan Study Lounge