Agile Processes: An Evaluation

Granville G. Miller

Whether you belong to a start-up or an established software institution, rapidly delivering software solutions can have a significant impact on your competitive advantage. The result has been a trend toward agile processes such as eXtreme Programming, Crystal, dx, and Feature Driven Development. These processes combine some of the best practices in software development in a minimalist manner to achieve speed. This tutorial examines the best practices embodied in these processes as well as some others such as SCRUM. The goal of this tutorial is to present an objective view of the agile processes to allow you to determine the practices and the approach best suited for your project.

Some of the material presented in this tutorial has been captured in a series of articles for the IBM developerWorks website (to appear). Some material will be presented at XP2001 and some material is new.

Granville Miller is Mentor at TogetherSoft. He is the co-author of the Advanced Use Case Modeling series (see www.advancedusecases.com) and has organized workshops and presented tutorials at conferences such as OOPSLA. He will be presenting at XP2001 and is part of the program committee for XPUniverse. His current interests include agile processes, frameworks, use cases, and Java technologies.