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Measuring Integrated Progress on Agile Software Development Projects

Access to paper on Agile EVM by Tamara Sulaiman and Hubert Smits added to PM World Library



Resource provided by [Faith Onwunalu](#)

27 July 2017– Rome, Italy – Access to a new resource has been added to the PM World Library (PMWL) related to the management of ICT projects. The new resource is titled **“Measuring Integrated Progress on Agile Software Development”**. This paper by Tamara Sulaiman and Hubert Smits was posted on Methods and Tools, a software development publication website.

Earned Value Management (EVM) is a well known project management technique which measures the integration of technical performance, cost and schedule against planned performance within a given project. The result is a simple set of metrics providing early warnings of performance issues, allowing for timely and appropriate adjustments. In addition, EVM improves the definition of project scope, and provides valuable metrics for communicating progress to stakeholders. The information generated helps to keep the project team focused on making progress.

Agile software development methods have been shown to be effective: software is developed faster, with higher quality, and better meeting changing business priorities and changing market conditions. The prevailing wisdom was that EVM techniques were too difficult to implement effectively on an Agile project, and that EVM could not easily cope with changing requirements. The EVM techniques have been adopted for Agile projects, and the correctness of the results has been proven [1]. AgileEVM is a light-weight, and easy to use adaptation of the traditional EVM techniques which provides the benefits of traditional EVM in Agile projects. This article discusses AgileEVM for software projects.

To access this new resource, go to the PM Applications and Hot Topics section of the PMWL at <https://pmworldlibrary.net/applications-and-topics/>, click on “Agile Project Management”, scroll down to article. Must be registered and logged-in as Free Trial, Professional or Scholar Member to access.

For PMWL Post

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PMWL Intern Research Result

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