Use and Significance of Agile Software Development

Volume 94 - Number 15

Year of Publication: 2014

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Abstract

The field of agile software development is growing remarkably because of the rapidness they brought into the life cycle of a software development. Agile methods have gained the interest of software professionals and researchers globally. To overcome rapidly and fast changing software organizational business requirements, agile software development methods were brought into practice. Though a number of research studies were ended in the sector of agile development methods at different educational and academic point, but when it talks about its usage, very few detailed reporting was founded. It shows that the research is in its initial stages. The paper is making an analysis of the different objectives of current agile methods and practices, how they are different from conventional process methods, considering the difficulties appeared during the implementation of agile methodology in the project, understanding the benefits and various causes of unsuccessful agile projects and concerns and issues of their applicability. The findings indicate that organizations are enduring to scale agile development methods away from single team and single projects. Most of the respondents are using Scrum or different Scrum variants and ninety percent of respondents mentioned that agile has improved their ability to handle changing priorities and manage changing requirements of users.
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References


Index Terms

Computer Science
Software Engineering
Keywords
Agile software development  scrum  crystal