Abstract

The main objective of software companies is to develop quality software at a high speed with fewer errors and to deliver the software to the customer at the right time. To achieve the above said objectives, many companies have adopted agile software development methodologies, by which the software can be rapidly developed with less cost and time. And also reusable components play a major role in developing reliable software faster. This paper emphasizes the importance of using patterns to achieve reusability in agile software development and also describes about the PDOT - Pattern Document Online Tool. PDOT is developed in Java platform with MySQL as the database.

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**Index Terms**

Computer Science
Software Engineering

**Keywords**

Agile Software Development  Reusability  Patterns  Online Tool  PDOT