Abstract

This paper describes the evolution of software development methods. The focus is the disagreement about how programmers must make software. The issue is: How is software development considered as a engineering process or as a human centered process. Unified Model Language (UML) is considered as a standard notation for software development. At present, UML is considered as basis for a Monumental Methodology (which include a lot of rules and practices) - RUP. We mentioned the reactions to these Monumental methodologies: The Agile Methodologies. Which is characteristic of an immature state of software development as a discipline. There is not only disagreements in terminology, approach, and details of different methods, there is not even a commonly accepted classification scheme. The following structure is based on the evolution of the underlying concepts and the key distinctions that reflects the paradigmatic shifts the philosophy of methods.

Keywords

Software development methodologies, methodology, UML, agiles methodologies.