Abstract

Quality is a fundamental component in the development of software. Consequently, various practitioners and researchers have attempted integrating Total Quality Managements (TQM) concepts in software engineering. Total Quality Data Management (TQDM) refers to a management tactic to long-term achievement through the fulfilment of the needs of clients. According to procedures of (TQDM), data should be managed the same way as products, though guidelines, principles, and methods of TQM for tangible products face various limitations in Total Data Quality Management practices due to the data’s nature. This paper discusses significant success factors for quality management and the importance of total quality management in software engineering.

References


**Index Terms**

Computer Science  
Software Engineering
Keywords

Total quality management (TQM), total data quality management (TDQM), continuous improvement.