Abstract

The recent development of the technologies in the day-today life has made the people committed with more and more software's. The software engineering is centered on a key attribute the Software Reliability, which is defined as the probability of failure free executions. In this competing world of technologies, applications with newer and better solutions only survive. Developing this modern software with right approach still remains as one of the main software crisis. Thus it makes it crucial to follow the right approaches with a good knowledge of the software engineering problems, their approaches and expected results. In this paper the software engineering and their various Approaches are discussed.
What Are the Software Engineering Problems? Are We With The Right Approach

categorization of software engineering problems and their possible results are made for
addressing the issue raised due to the wideness of software engineering. A view on various
validation methods exist in software engineering are discussed for making the software more
reliable. The paper explores promising research areas in software engineering for exclusive
upcoming researchers.

References

  for Automatic Testing from Extended Finite State Machine (EFSM) Models", Information
- A. Tang and A. Aleti, J Burge, and H V Vliet, "What makes software design
effective?", Design Studies Vol. 31 Nov. 2010.
- Fujitsu and I. Jacobson, "Essence – Kernel and Language for Software
- M. Selvam and A. M. Natarajan, "Language model adaptation in Tamil language
  using cross-lingual latent semantic analysis with document aligned corpora", Current
- K. Rustan M. Leino and Kuat Yessenov, "Automated Stepwise Re?nement of
- Y. K. Malaiya, Senior Member, IEEE, Michael Naixin Li, James M. Bieman, Senior
  Member, IEEE, and Rick Karcich, "Software Reliability Growth With Test
- I. V. Rooij and T. Wareham, "Parameterized in Cognitive Modeling: Foundations,
- S. H. Aljahdali and Khalid A. Buragga, "Employing four ANNs Paradigms for
  Software Reliability Prediction: an Analytical Study", ICGST-AIML Journal, ISSN:
  165-170.
- Y. K. Malaiya, N. Li, J. M. Bieman, and R. Karcich, "Software Reliability Growth
  420-426
- B. K. Olorisade, "Informal Aggregation Technique for Software Engineering
  Experiments", IJCSI International Journal of Computer Science Issues, Vol. 9, Issue 5,
  No 1, Sept. 2012.
- C. Liu, L. Fei, X. Yan, J. Han, and S. Midkiff, "Statistical Debugging: A
  Simultaneous Identification of Multiple Bugs", Proceedings of the 23rd International
What Are the Software Engineering Problems? Are We With The Right Approach


Index Terms
Computer Science
Current Trends In Advanced Computing

Keywords
Software Engineering Result Interpretation Validation Reliability