The Evaluation Model for the Quality of Software Based on Open Source Code

Authors : Li Donghong, Peng Fuyang, Yang Guanghua, Su Xiaoyan

Abstract : Using open source code is a popular method of software development. How to evaluate the quality of software becomes more important. This paper introduces an evaluation model. The model evaluates the quality from four dimensions: technology, production, management, and development. Each dimension includes many indicators. The weight of indicator can be modified according to the purpose of evaluation. The paper also introduces a method of using the model. The evaluating result can provide good advice for evaluating or purchasing the software.