Some Observations on Object Oriented Software Testing Effort

Sanjeev PATWA, FASC, MITS (Deemed University) Lakshmangarh, Sikar, Rajasthan, India, zip 332311 and ANIL KUMAR MALVIYA

Department of Computer Science and Engineering, KNIT, Sultanpur, U.P., India Zip-228118

Abstract

Estimation and measurement is an important field of software engineering. There are several factors available in real word that can be measured directly, but few or no software engineering attributes or tasks are so simple that can measure directly. Due to development of OO paradigm it is also become cumbersome to measure different attributes of software development directly. All attributes and activities are depending on several other attributes or factors. To measure these activities we have to take consideration of different types of metrics. In context of OO software, measuring the testing effort is the activity which is least bother by researchers. In this work we have proposed model for measuring OO software testing effort by taking different affecting factors into consideration.

Keyword: OO Software Testing, measurement, metrics, effort.

sanjeevpatwa@yahoo.com, anilkmaliya@yahoo.com.

Received: August 27th 2011

Accepted: October 19th 2011