

Abstract

Subject oriented programming is a method to compose some software for supporting evolution of a software. It will be easier for programmer in evolving or extending software requirement if the design has implemented SOP because programmer only compose the requirement (subject) that will be evolved with the subject that reflecting the changes. in this final task only will be showed the process in SOP to evolve a software by composing first software with the second software that reflects the changes on first software. Each of the softwares consist of a subject. *Composition* of the two software is done by using *override composition* technique.

There are four tests that is done that is software functionality test, SOP principles implementation, *override composition* implementation and SOP method goals reaching test. From results of those tests can conclude that SOP can facilitate software development and evolution by composing the software will be evolved with another software that reflects the changes

Keywords: subject oriented programming, override technique, evolution, composition, decomposition.