

عنوان مقاله:

On Attributes of Objects in Object-Oriented Software Analysis

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خلاصه مقاله:

One of the modern paradigms to develop software is object-oriented analysis and design. In this paradigm, there are several objects in the software, and each object plays some specific roles. There is a sequence of activities to develop an analysis model. In the first step, this study works to develop an initial use case model. Then, in the second step, a number of concepts are identified, and a glossary of participating objects is built. Identifying attributes of objects (and classes) is one of the most important steps in the object-oriented paradigm. This paper proposes a method to identify the attributes of objects and verify them. The method is also concerned with classifying and eliminating the incorrect attributes of objects. Then, the method is evaluated through a large application, a Control Command Police System. After that, several guidelines concerning attributes of objects based on the practical experience obtained from the .evaluation are provided

کلمات کلیدی:

Object-Oriented, Analysis Model, Object, Attributes, Use Case

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