

An Analytical Description of C ++ Focused Object-Oriented Programming Paradigms

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Abstract. *This paper presents an analytical description of the basic programming paradigms based on the C++ language.*

The structure of the abstract is based on the descriptive processing of data abstraction in general and object-oriented language paradigms particularly. Regarding the latter, various cases are considered, such as objects, classes, encapsulation process, inheritance and the concept of polymorphisms.

The analysis consists of a structured explication of above concepts emphasizing the terms of qualitative description.

The limitation of this paper consists in avoiding the analysis on levels of coding of the above terms, an issue which leads to further discussions.

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Keywords. analysis, structure, language

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