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**Abstract**

Nowadays, a large number of extraction tools are available. However, using them, it is often difficult to gather and incorporate new metrics. On the other hand, the metric specifications often lack precision and therefore lead to multiple implementation patterns. In this paper, we propose a new approach of metric gathering. This approach, which is at the same time generic and practical, is based on a metric description mechanism. It uses a language that makes it possible to manipulate data from the source code representation model. In a first phase, we have defined a generic model for object oriented code representation. A second phase defines a description language that offers the syntactic constructions necessary for data manipulation of the generic mode.