

# **A Proposed Metric for Estimating the Effectiveness of Reusing Learning Objects**

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## **Abstract**

This paper aims to estimate the effectiveness of reusing learning object (LO) by evaluating the most affected aspects in reusing LO by specialized reviewers. In this study we propose a metric aims to give very accurate results about the effectiveness of reusing LO, it can be done by letting a group of reviewers cooperate in reviewing every LO. Every reviewer reviews only his/ her specialized area. The reviewers of this metric are categorized into three groups; academic, technical and students while the evaluated elements are categorized into eight categories; gender, re-tasking and repurposing, accessibility, appropriateness, content quality, metadata, motivation and usability. A comparison to the results of the proposed metric vice the most famous learning objects' metrics is done through this study to indicate the reliability and accurateness of the proposed metric compared with the other metrics.

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