DEVELOPING TRACEABILITY SOFTWARE ARTIFACT USING SEARCH ENGINE

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Abstract

Before building a software, we have to design how this software will be. Design can be done by creating a software model. There are several important artifacts (documents) in software modeling. For example, use case diagram, class diagram, test case, and source code. These artifacts are connected each other. In this final project, a software that can automatically build traceability between these artifacts is made. Traceability is built based on existing word similarity in each artifact using a search engine.

Keyword: Traceability software artifact, search engine