

Tool Facilitating Construction of Ontologies on the KIM Platform



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During research based on experimental work vast amounts of data and associated metadata are usually produced. This is also the case of experimental work using the techniques of electroencephalography and event related potentials. The collected data and associated metadata have to be stored, analyzed, and eventually shared among research groups. Besides storing data and metadata from experiments, it is often beneficial to collect additional information from other sources related to the kind of experiment performed. These information sources are mostly scientific and technical publications, manuals describing the used infrastructure, and topical discussions appearing on the web. This article deals with selection and use of a semantic repository for such information sources. Development of a simple prototype ontology is shortly presented and a tool that facilitates construction of ontologies on the KIM platform is described. Sets of test documents are used to verify the functionality of the tool.

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