

OntoFlow : Easy Ontology Development Workflows for Non-technical Domain Experts

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ABSTRACT

For many years, the development of widely applicable and high quality ontologies has been an ongoing research topic. Among the many challenges, the most prominent ones faced by researchers are the lack of

CCS CONCEPTS

• **Computer systems organization** → **Embedded systems**; *Redundancy*; Robotics; • **Networks** → Network reliability.

KEYWORDS

ontologies, workflows, IDE, quality assurance

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1 INTRODUCTION

2 RELATED WORK

Continuous integration principles of software engineering [2]

CI should be applicable to dataset-specific operations. First attempts have been undertaken. [1, 3–8]

The same holds true for ontology development. Typically, CI mechanisms are instance data collections the result of operations such as crawling, linking, or data transformation. . These processes are usually executed automatically and, aside from the effort of creating specifications and linking steps, are little interrupted by user interactions and manual intervention. If people work with appropriate software tools in this context, they are usually Data Scientists or Software Engineers.

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