

Designing Service-Oriented Applications in the Presence of Non-Functional Properties: a mapping study

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Abstract

Keywords: MDA, Non-Functional Requirements, Service-based software process.

1. Introduction

2. Background

- 2.1. *Adding NFP to service compositions*
- 2.2. *Problem space and solution space*
- 2.3. *Models, methodologies and environments*
- 2.4. *Related work*

3. Mapping process

- 3.1. *Research questions*
- 3.2. *Search and screening of papers*
- 3.3. *Classification scheme and data extraction*

4. Outcomes

- 4.1. *RQ1: Which journals and conferences publish papers on NFR for web service based applications ?*
- 4.2. *RQ2: What are the most investigated aspects of NFR for web applications over the last years*
- 4.3. *RQ3 : Which development environments have been proposed for addressing NFR for web service based application ?*
- 4.4. *Discussion*

5. Concluding remarks

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