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Non-functional requirements in model-driven development of service-oriented architectures

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Highlights

- Any software development process needs to consider non-functional requirements (NFR) in order to deliver a system that complies with its stakeholders' expectations.
- A systematic literature review on the state of the art in the management of NFR in Model-Driven Development (MDD) processes which produce Service-Oriented Architectures (SOA) has been conducted.
- It has been found that most of approaches focus exclusively on security and reliability and that NFR are expressed mainly as annotations of functional models represented in UML.
- Existing research seems to be still scarce and without any evidence of transferability to industry.

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