An Overview and Comparison of Designs of Architectures for Seamless System Reconfiguration

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***Abstract*—Driven by the fourth industrial revolution emerges a need for concepts, methods and technologies which will take on the new challenge of the digitalization. In future systems the digitalization is an important principle with the goal of processing and collecting large amounts of data as well as having smart, pluggable, cooperating and collaborating components. A special design process has to be addressed to allow building evolvable and complex systems for various requirements and use cases. This paper focuses on architectures like PERFoRM and the PRIME Framework for Multi Agent Systems (MAS) by comparing them as both are trying to support the new upcoming system designs.**

1. Introduction

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2. State of the Art Methodologies

3. Conclusion

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