



University of Stuttgart
Germany



Student Report (Bachelor Software Engineering):

Comparison of application monitoring and alerting tools

Background and Motivation

Nowadays big server architectures with spreaded Servers are very common. To monitor this big architectures, control tools for very distributed systems are needed. Some of these tools are very Modular and can be user only be used for collecting the data of the server or for a Web Representation of the data. On the over hand some System offer a consistency in technology by being isolated.[1]

Goals

The Student Report lists and discusses the different open Source Monitoring and alerting tools. Goal is to print out the different architectures and technologies of the Systems to make it easier for the reader to decide which application is the best for his system. Some of the presented Systems are InfluxDB, Prometheus and ELK.

Possible Collaborations

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References

- [1] C. Heger, A. V. Hoorn, M. Mann, and D. Okanovi. Application Performance Management : State of the Art and Challenges for the Future. pages 1–4, 2017.

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