

# Research Software Engineering Practices @ KIT

*Monday 29 January 2024 16:45 (1 hour)*

Scientific software is becoming increasingly important for the success of research and to generate new knowledge. However, the importance of codes for science has not yet been fully recognized in all research groups, labs and scientific consulting units. Some of the practical challenges are that people are lacking formal education in software engineering approaches or that the conventional approaches from industrial contexts cannot be directly mapped to academia. Therefore, we would like to give a little insight on Research Software Engineering (RSE) approach we are using at the local unit Energy@KIT. We attempt to show case each of the techniques we are using at hand of a real-world software package (co-)developed by us.

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