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The EVERSE Research Software Quality Toolkit

Wednesday 7 May 2025 09:20 (20 minutes)

The Research Software Quality Toolkit (RSQKit - https://everse.software/RSQKit/), developed by the EVERSE project, lists curated best practices in improving the quality of your research software. It is intended for use by researchers, research software engineers, as well as those running research infrastructures involving software or involved in research software-related policy and funding.

These practices are informed by software excellence and quality in the context of research; with a focus on FAIR software, Open Research, community development and software engineering practices at different tiers of research software (analysis scripts, prototype tools and research software infrastructure). RSQKit links to tools and resources which support best practices. It includes software quality dimensions and links to indicators and tasks to guide the usage of the best practice, as well as links to training resources and existing guides and materials.

This contribution will introduce RSQKit and its aims and architecture. It is presented in a way to attract and consider feedback from researchers who code from the particle physics community and from WLCG infrastructure experts.

Requested talk length

15

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