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RSQkit@deRSE25

A Contentathon for the Research Software Quality Kit

Funded by the European Union

RSQkit@deRSE25 -- 25 | 02 | 2025 by
Giacomo Peru and the EVERSE team

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de RSE | CONFERENCE KARLSRUHE 2025

Workshop Structure

10:00 - Introduction and Set-up (30 min)

10:30 - Hands-on Work (60 min)

11:30 - Feedback (25 min)

11:55 - Wrap-up (5 min)

EVERSE

European Virtual Network for Research Software Excellence

Horizon Europe project (Feb 2024 - Feb 2027)

Building a framework for research software quality

Community-driven, for the communities

Five EOSC Science Clusters collaboration

Three-Tier Model for Research Software

Analysis Code

Computational research processes & methodology

Data analysis, simulation, visualization

Prototype Tools

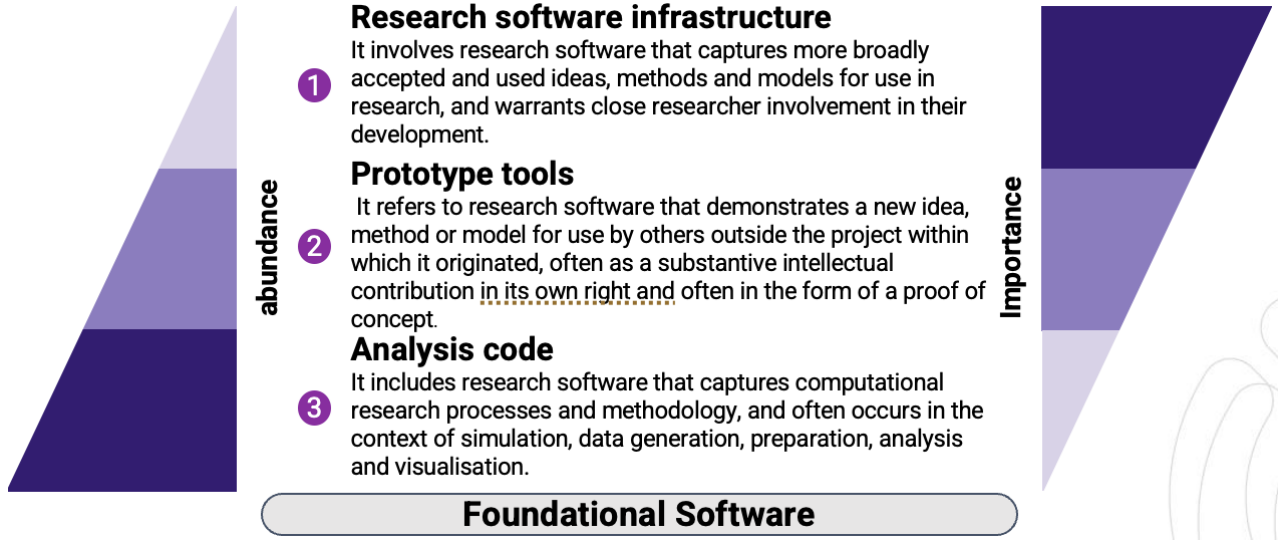
New methods/models for external use

Proof of concept implementations

Research Software Infrastructure

Broadly accepted methods and models

Core research infrastructure components



EVERSE Core Components

- EVERSE Network
- Research Software Quality Kit (RSQkit)
- Training and recognition framework
- Best practices and quality indicators
- Tools and services for assessment

The Research Software Quality Kit

RSQkit

Community-curated knowledge hub

Practical guidance for software development

Best practices across software tiers

Built on successful RDMkit model

Gateway to tools, training, and resources

RSQkit's zen

An evolving zen

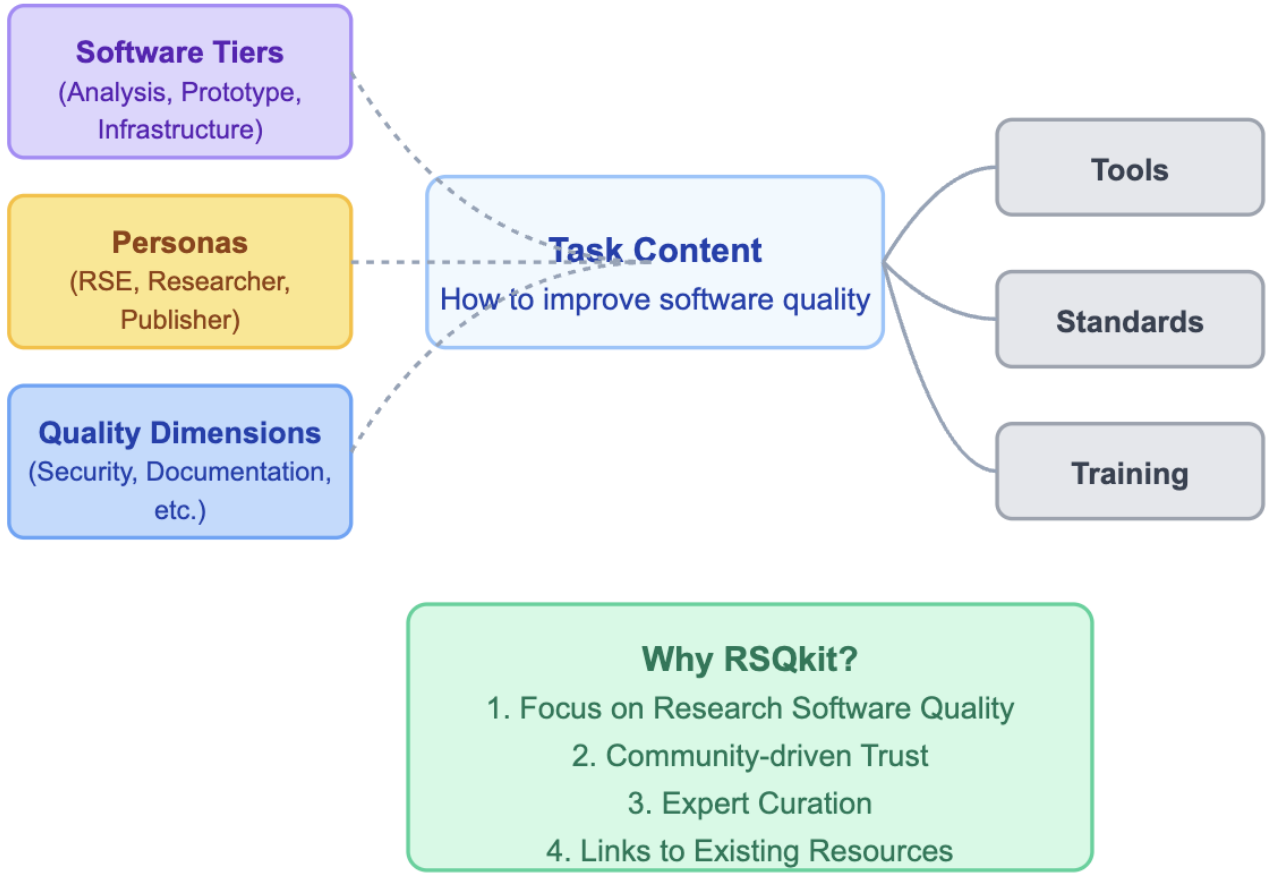
Focuses on research software quality

Links to external resources rather than duplication

Integrates with existing tools and training

Provides conceptual overviews

Makes information discoverable based on user needs

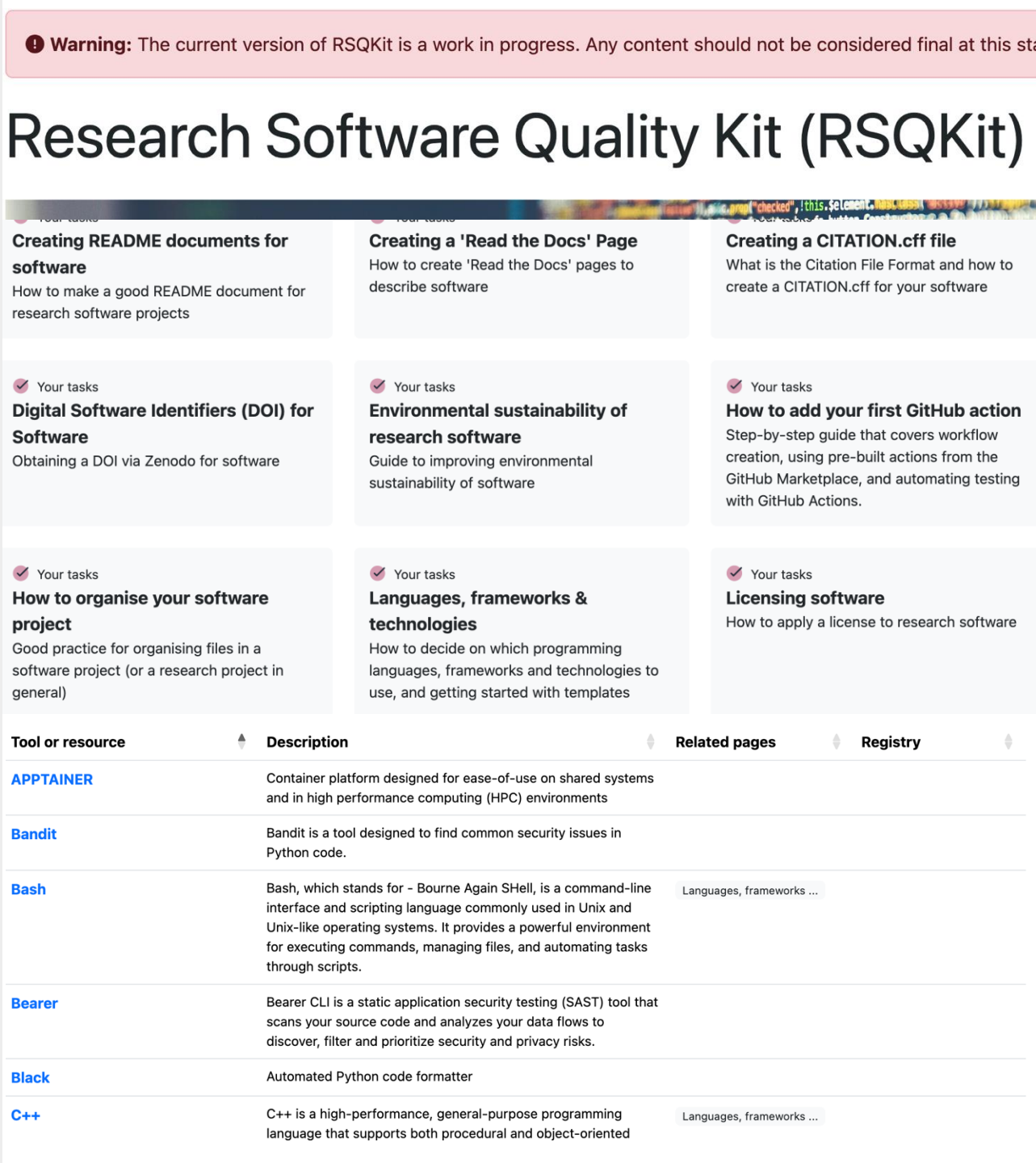


Types of Content

Task Pages

Tools & Resources

Science Stories



Contributing to RSQkit

Minor corrections, formatting

➔ Direct editing through website

Content Review

➔ Open issues

➔ Suggest modifications

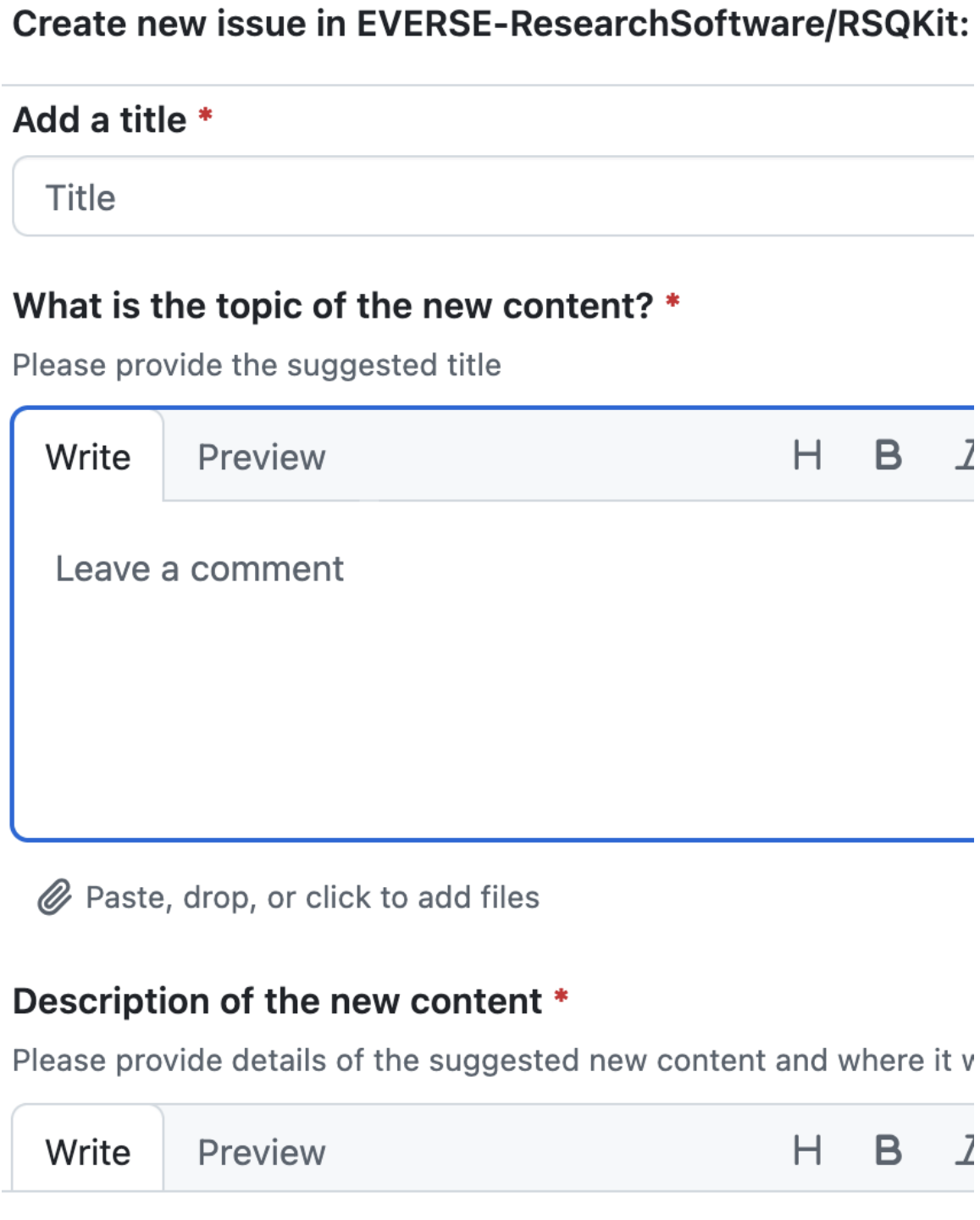
➔ Add reference

New Content Creation

➔ Choose from topic list

➔ Use template

➔ Submit pull request



Credit and Attribution

Contributors added to CONTRIBUTORS file (*under development*)

Contributions listed in task page citations

Contributors

 Aleksandra Nenadic

 Daniel Garijo

 Esteban González

main

RSQKit / CITATION.cff

 **dgarijo** Update CITATION.cff

Code | Blame | 13 lines (13 loc) · 375 Bytes

```
1   cff-version: 1.2.0
2   title: Research Software Quality Kit (RSQKit)
3   message: >-
4     If you use this software, please cite it using the
5     metadata from this file.
6   type: software
7   authors:
8     - given-names: RSQKit Community
9       family-names:
10  repository-code: >-
11    https://github.com/EVERSE-ResearchSoftware/RSQKit/tree/main
12  url: 'https://everse.software/RSQKit/'
13  license: Apache-2.0
```

Today’s Ambition

Collaborate and create

RSQkit is a resource from the community, for the community

Make at least one contribution to RSQkit

Check the guidelines

Talk with us

Getting support today

In the room

Elena Breitmoser

Guido Juckeland

Faruk Diblen

Neil Chue Hong (until 11:30)

Giacomo Peru

Online

Carlos Martinez
(Netherland eScience Centre)

Aleksandra Nenadic
(University of Manchester)

Shoaib Sufi
(University of Manchester)

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thank you!

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