



SciCodes: Promoting Standards for Research Software Registries and Repositories



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SciCodes Consortium

(<https://scicodes.net/>)

Consortium of scientific software registries and repositories

37 members across disciplines including biological, medical, mathematical and physical sciences and engineering registries

Member locations



Goals

Enable searching across multiple software registries

Improve software curation & discoverability

Strengthen our resources through implementation of identified best practices

Increase interoperability of research software metadata using the CodeMeta standard

Best practices for research software registries & repositories*

- Provide a public scope statement
- Provide guidance for users
- Provide guidance to software contributors
- Establish an authorship policy
- Share your metadata schema
- Stipulate conditions of use
- State a privacy policy
- Provide a retention policy
- Disclose your end-of-life policy

Please join us!



[Become a member!](#)

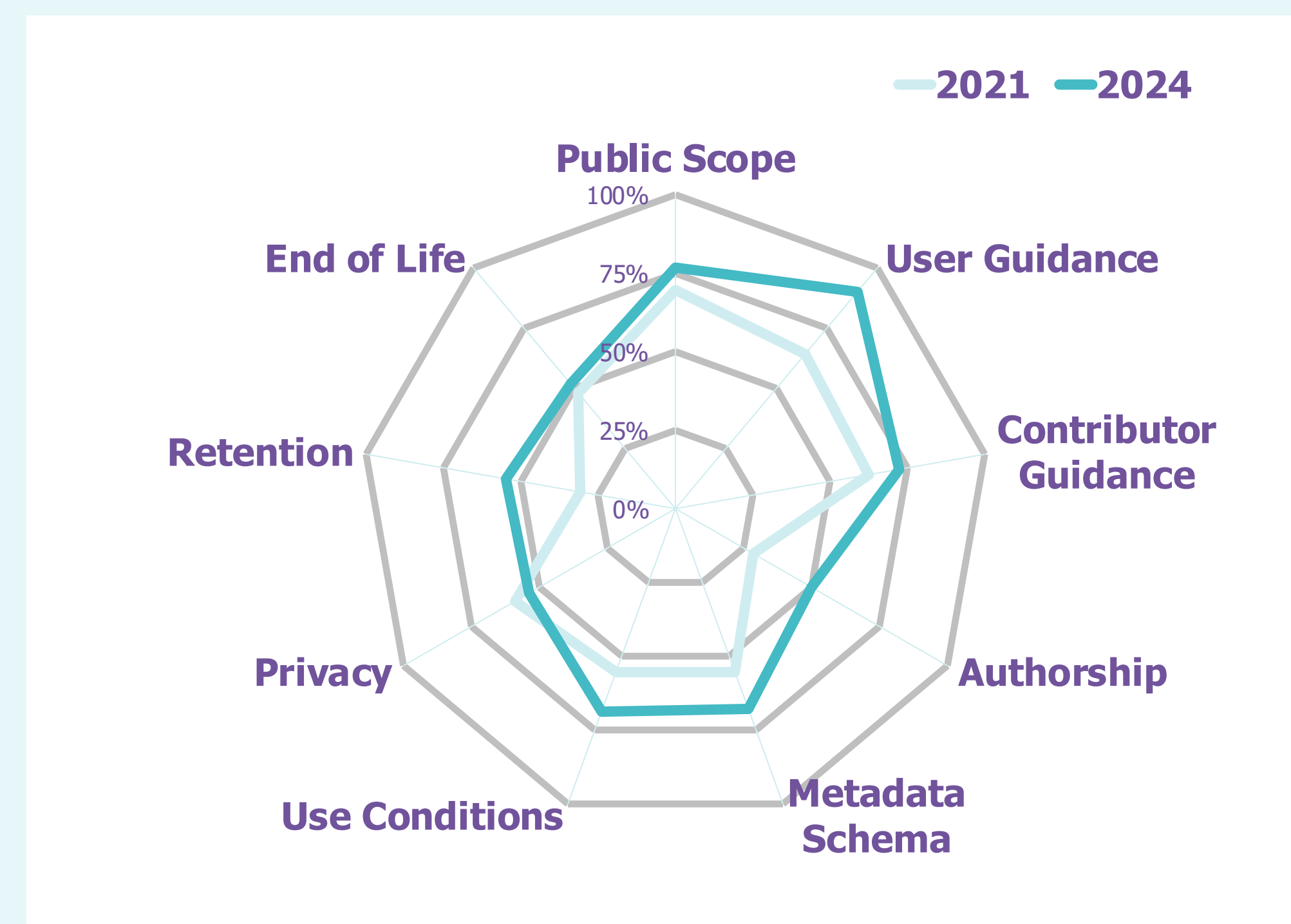
[Participate in our spring symposium!](#)

We seek diverse voices to reflect and focus on a long term vision and aspirations for research software.

Implementing best practices

In 2021 and again in 2024, 14 SciCodes members assessed their resources' compliance with the best practices on an average scale from 0 (practice not implemented) to 4 (practice implemented and meets all recommended guidance).

Overall, we see improvements in adoption.



Reference

*Garijo, D. et al., 2022. Nine best practices for research software registries and repositories. PeerJ Computer Science 8:e1023 <https://doi.org/10.7717/peerj-cs.1023>