Keynote: The swings and roundabouts of a decade of fun and games with Research Objects

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Abstract

Over the past decade we have been working on the concept of Research Objects [1]. We worked at the 20,000 feet level as a new form of FAIR+R scholarly communication and at the 5 feet level as a packaging approach for assembling all the elements of a research investigation, like the workflows, data and tools associated with a publication. Even in our earliest papers [2] we recognised that there was more to success than just using Linked Data. We swung from fancy RDF models and SHACL that specialists could use to simple RO-Crates and JSON-LD that mortal programmers could use. Success depends on a use case need, a community and tools which we found particularly in the world of computational workflows right from the outset. All along there have been politics and that has recently got even hotter. All fun and games!

References

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