

Overview

o2r aims to improve the exchange of research results that are published over the Internet, by facilitating access to them and by simplifying their reuse. o2r is aimed towards both the publication process and the reuse of publications, but combines these goals to set a clear innovation in the area of reproducible research, a goal that has extraordinary meaning for scientific publication.

The concepts and open source tools developed by o2r significantly reduce barriers for researchers, publishers, and reviewers to publish research in a more sustainable, transparent, and useful way.

Objectives

- define the formal structure to which an executable research compendium (ERC) has to comply
- develop tools for using ERCs (assisted creation, automated validation, examination)
- demonstrate interactive exploration and manipulation of ERCs
- use executable research compendia for actual scientific publications
- evaluate concepts and prototypes in pilot studies

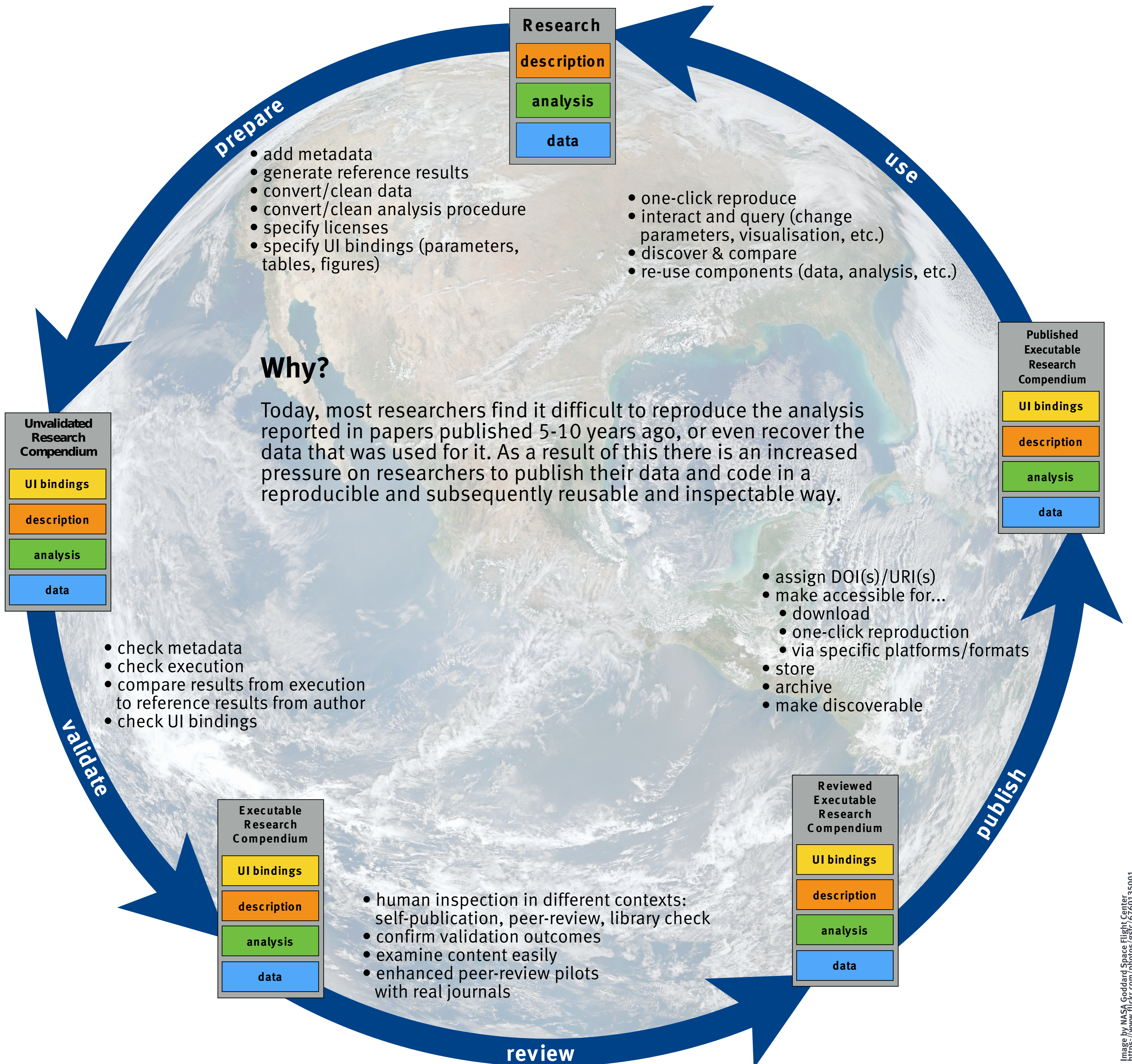


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