The Confirmable Reproducible Research (CoRe2) Environment

Linking Tools to Promote Computational Reproducibility

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UNC | ODUM INSTITUTE FOR RESEARCH IN SOCIAL SCIENCE

University of North Carolina
Odum Institute for Research in Social Science

Founded in 1924, the Odum Institute provides core research infrastructure for the social sciences to support the research, teaching, and service mission of UNC. We define social science broadly to include the health sciences, and we serve faculty and students from every corner of UNC's campus.

Home of the Lou Harris Data Center and the UNC Dataverse

UNC Dataverse

CoRe2

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TOP Level III Data Policies

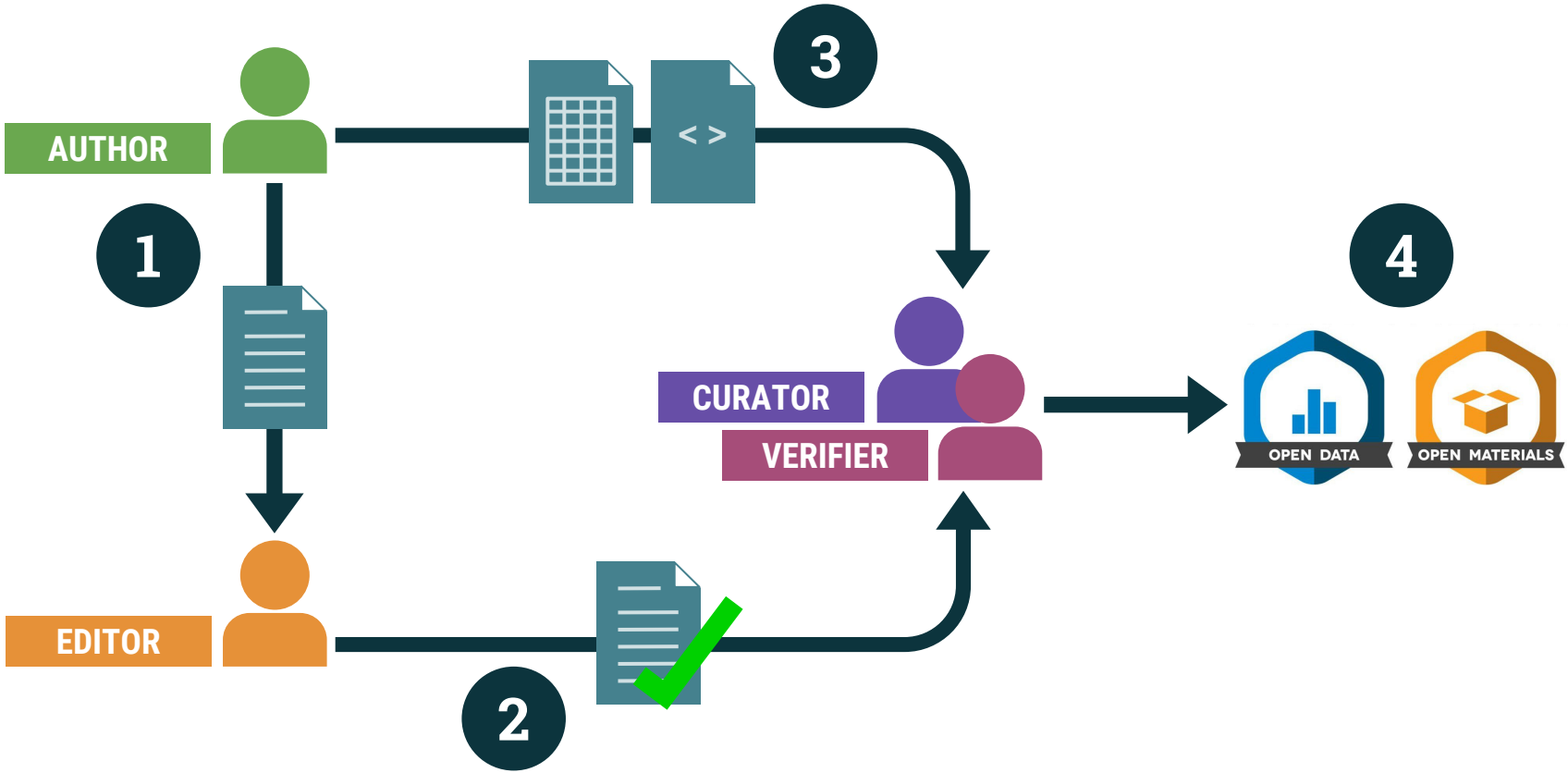
AJPS

When the final draft of the manuscript is submitted, the replication materials will be verified to confirm that they do, in fact, reproduce the analytic results reported in the article.

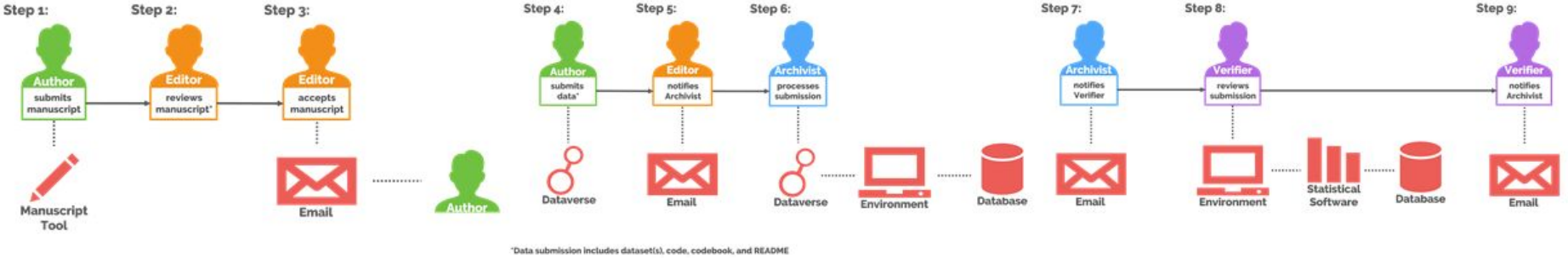
STATE POLITICS & POLICY QUARTERLY

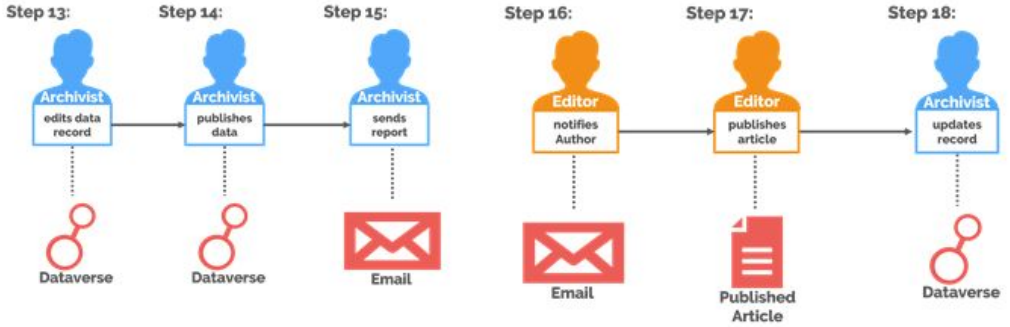
Publication in *SPPQ* is contingent upon provision of complete replication materials and successful verification of their content.

Manuscript Publication & Data Curation + Verification



Manuscript Publication & Data Curation + Verification



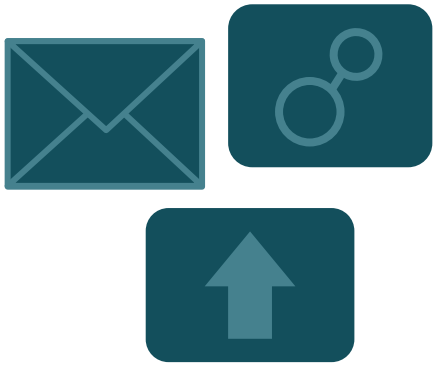


Manuscript Publication & Data Curation + Verification

Given current constraints and the need for iterative review, data curation and successful verification of a replication package for a single manuscript requires **six hours** of labor on average.

COMPUTATION

COORDINATION



ADMINISTRATION

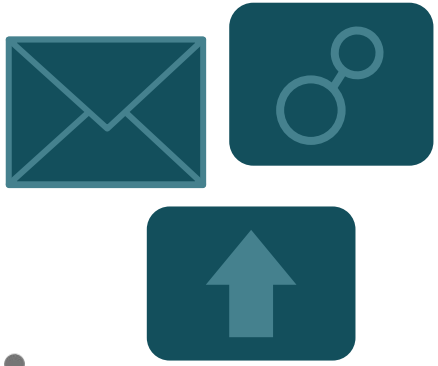
Confirmable Reproducible Research (CoRe2) Environment

Promote and support computational reproducibility by integrating and streamlining manuscript publication and data curation + verification workflows

Alfred P. Sloan
FOUNDATION

COMPUTATION

COORDINATION



ADMINISTRATION

ReproZip

WHOLE TALE

jupyter

OSF

encapsulator

GitLab

zenodo

CODE OCEAN

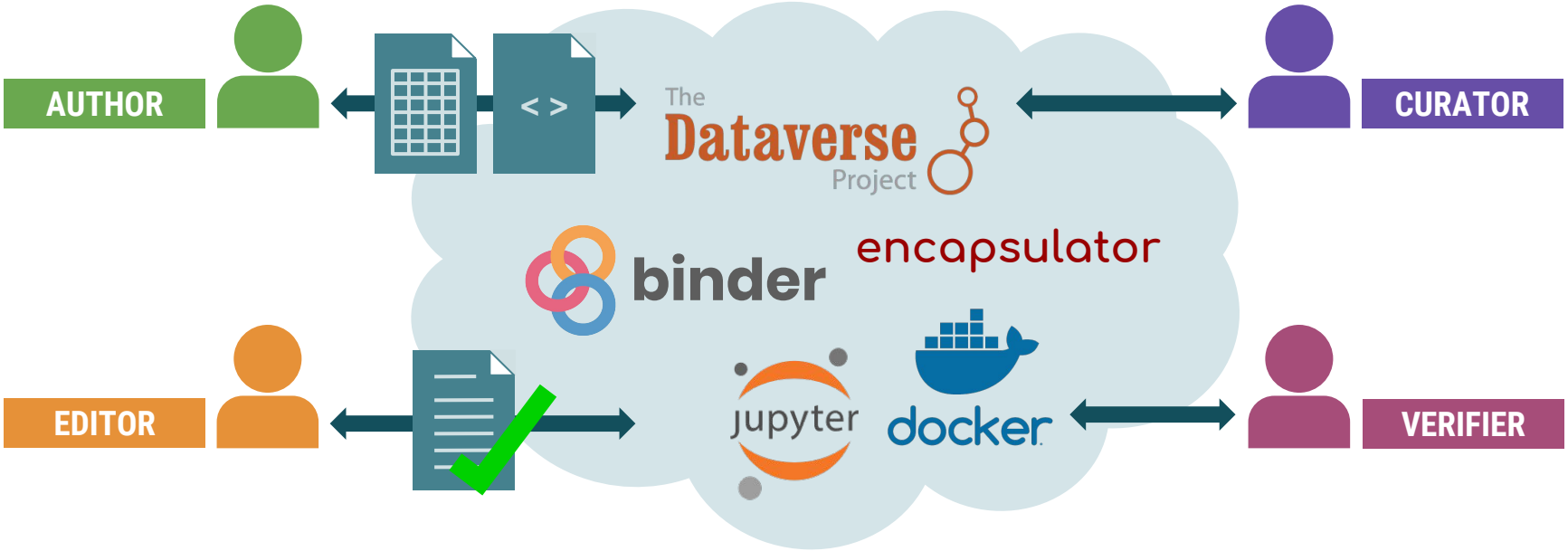
docker

github

binder

The Dataverse Project

Confirmable Reproducible Research (CoRe2) Environment



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Support for this research was provided by the Alfred P. Sloan Foundation (2018-11121). The views expressed here do not necessarily reflect the views of the Foundation.