The Notify Project

Martin Klein, Paul Walk

The project

Developing a **standard and interoperable approach**

to **link research outputs** housed in the distributed network of preprint servers, archives, and repositories

with **reviews and endorsements** from different services and scholarly platforms.

Principal Investigators
Kathleen Shearer, COAR
Martin Klein, Los Alamos National Labs
Paul Walk, COAR / Antleaf
Eloy Rodrigues, UMinho

Technical Advisor
Herbert Van de Sompel, DANS
Patrick Hochstenbach, UGent

First Phase Implementers: Episcience, HAL
Peer Community In, RCAAP (Using DSpace)

Second Phase Implementers: Sciety / eLife, CSIC – Spanish National Research Council, PREreview, Humanities Commons, Open Scholar

Other Interested Partners: Harvard Library, Redalyc, LA Referencia, National Institute of Informatics, Janeway, CLACSO

COAR Confederation of
Open Access Repositories

The model

- Utilizes widely-adopted, **standard web protocols**
  - Linked Data Notifications, ActivityStreams2.0

- Is platform and service **agnostic**
  - HTTP as the common denominator

- Builds on a **distributed** network of:
  - content providers (repositories, preprint servers, etc.)
  - peer review service providers (PreReview, Publons, etc.)

Our goal

- Enhance the **role of repositories** in the scholarly communication landscape
- Operate **at scale**, support **interoperability** with modest investment
- **Lower** the barriers to adoption and participation
- Increase **sustainability** by decreasing interdependence between distributed services
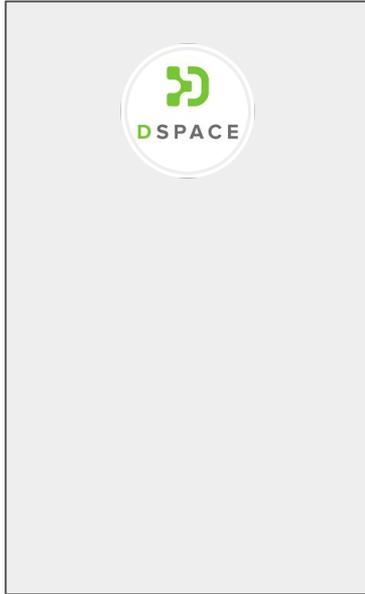- Support **many other** contexts and use cases

Use cases

1. Peer review of repository-based resources

2. Endorsement of repository-based resources (e.g., overlay journals, endorsement services)

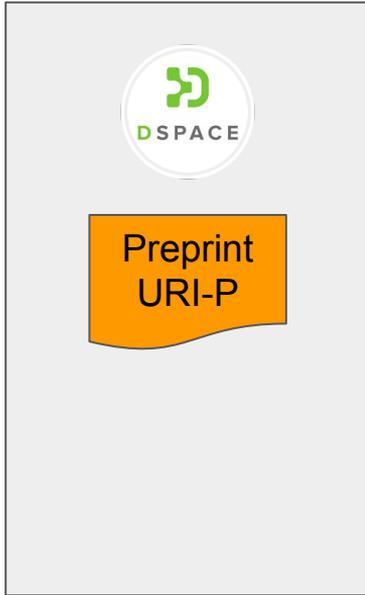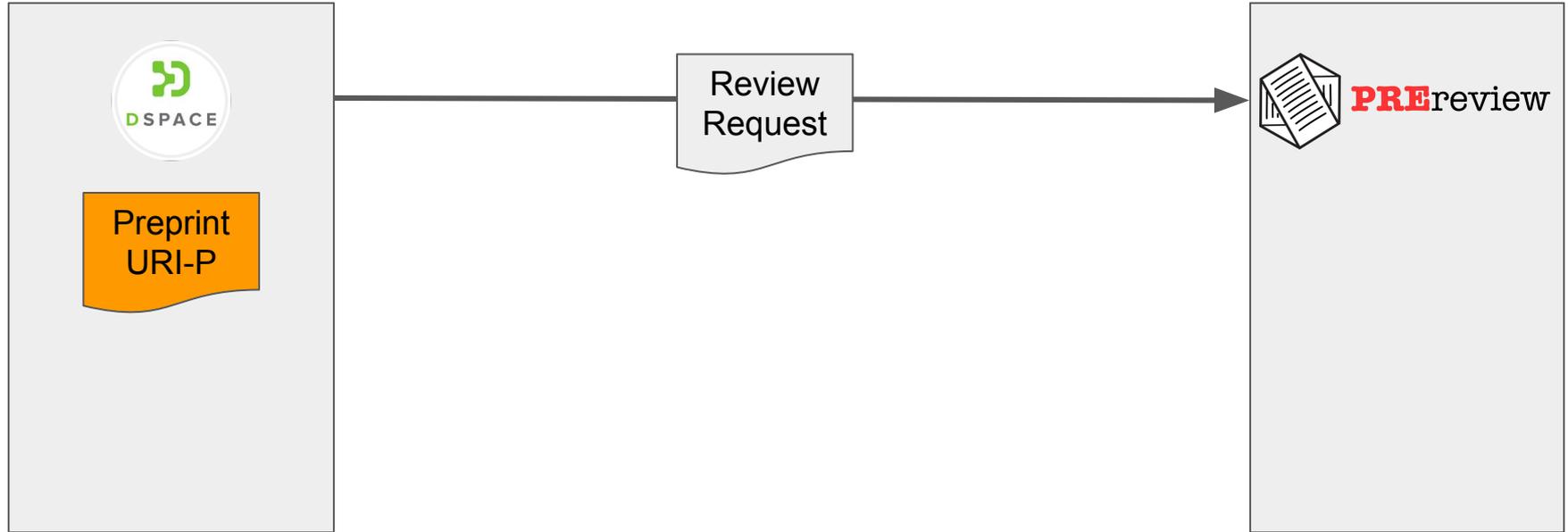3. Integration of reviews/endorsements with downstream services

Context

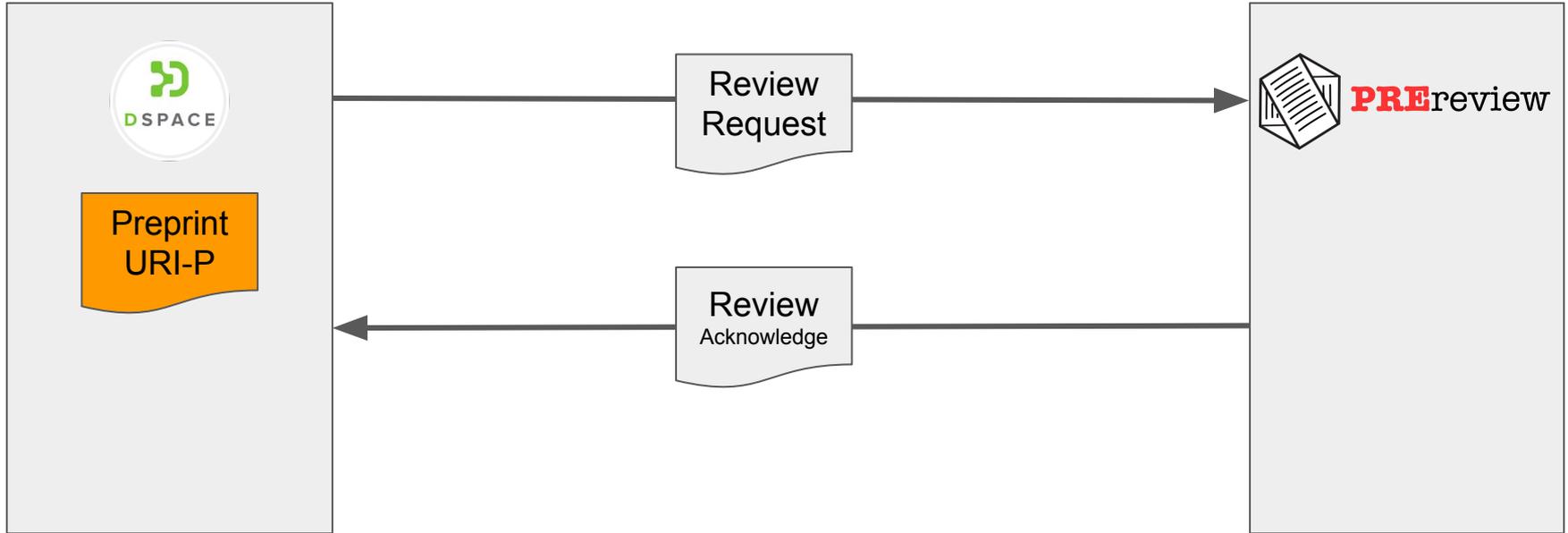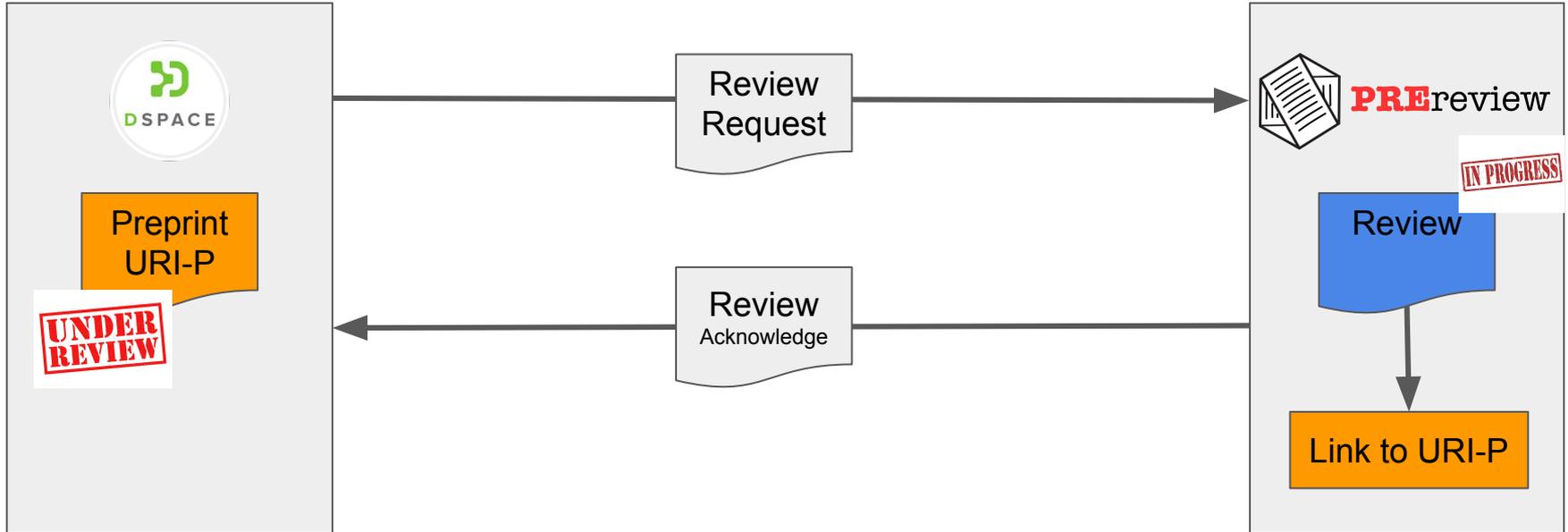# Example scenario and message flow

Preprint ingested

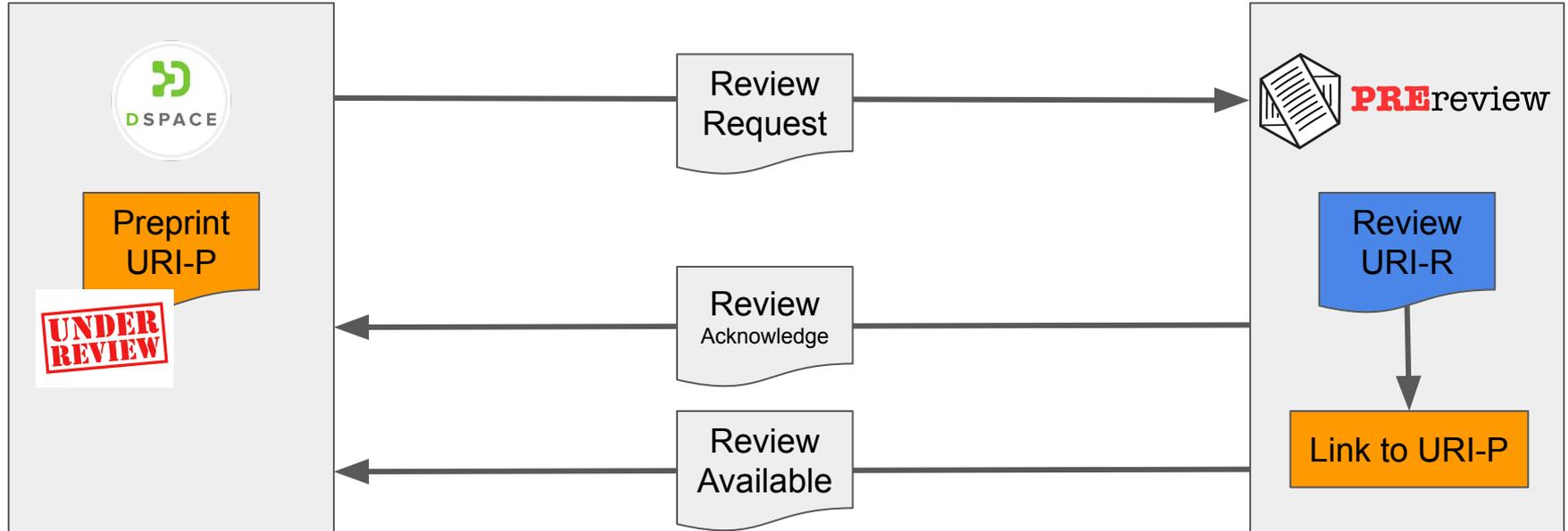Preprint
URI-P

Review request
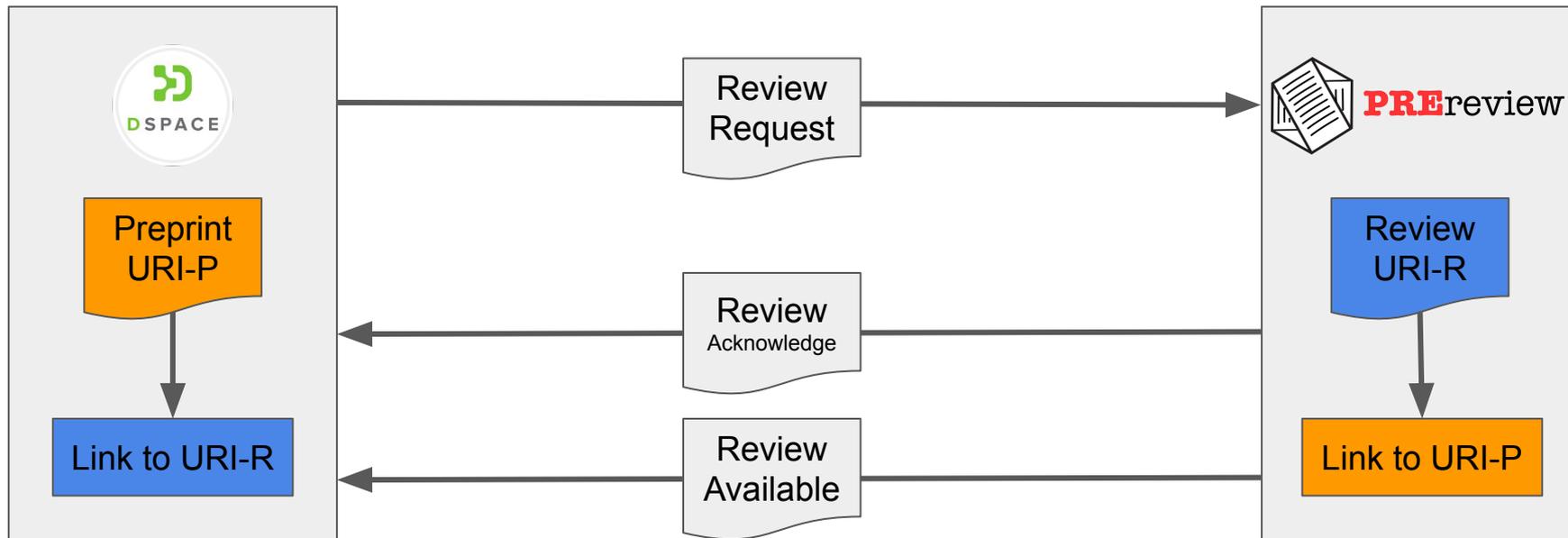
Review accepted, ack sent

Under review

Review available, sent

Preprint <--> Review linking

Our questions to you

- How do you imagine this rolling out?

- What are some of the challenges you foresee?

- What else do you imagine we can do with this technology?

- How can we equip you to convince decision makers to adopt these technologies?