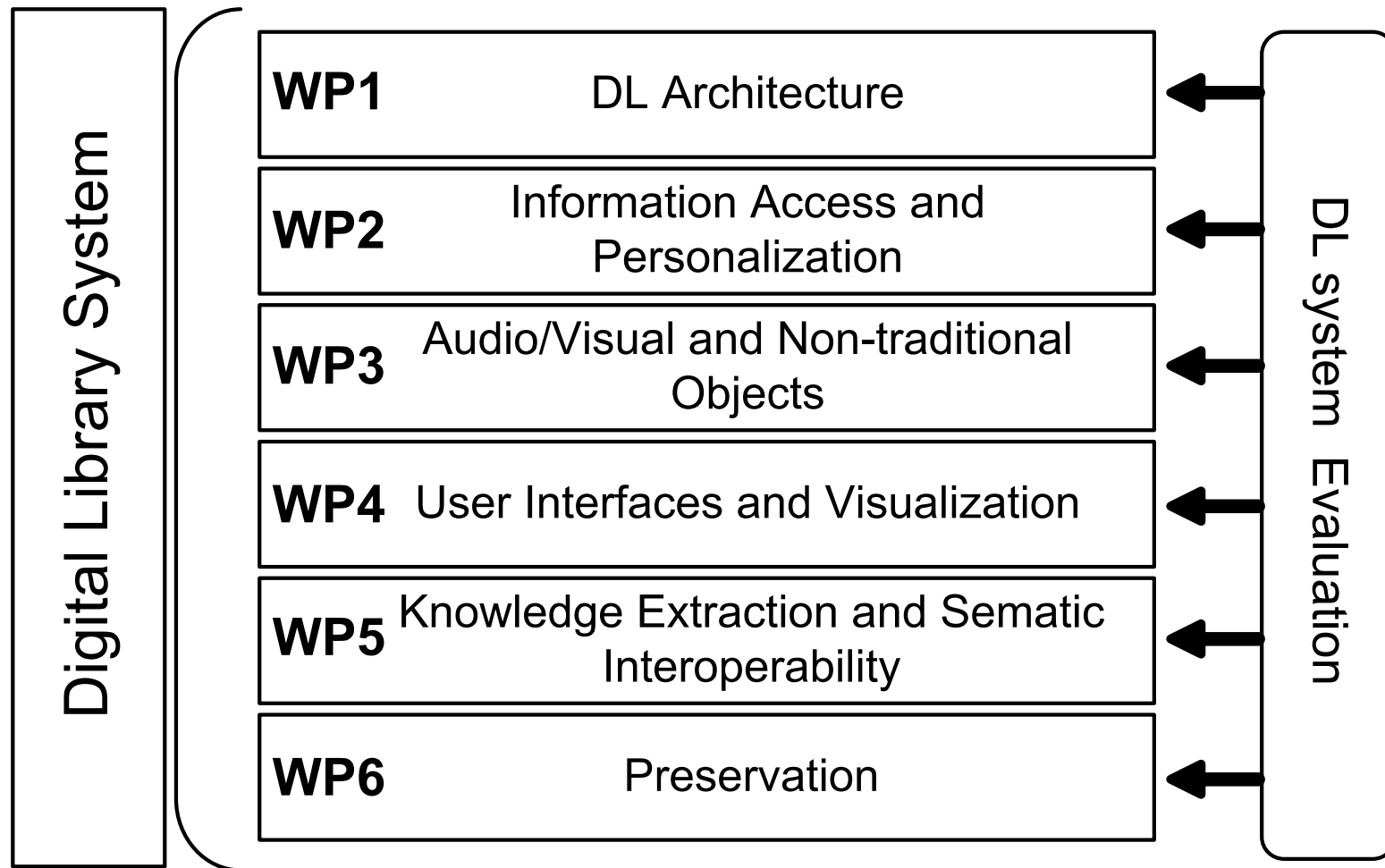


Evaluation of a Digital Library System

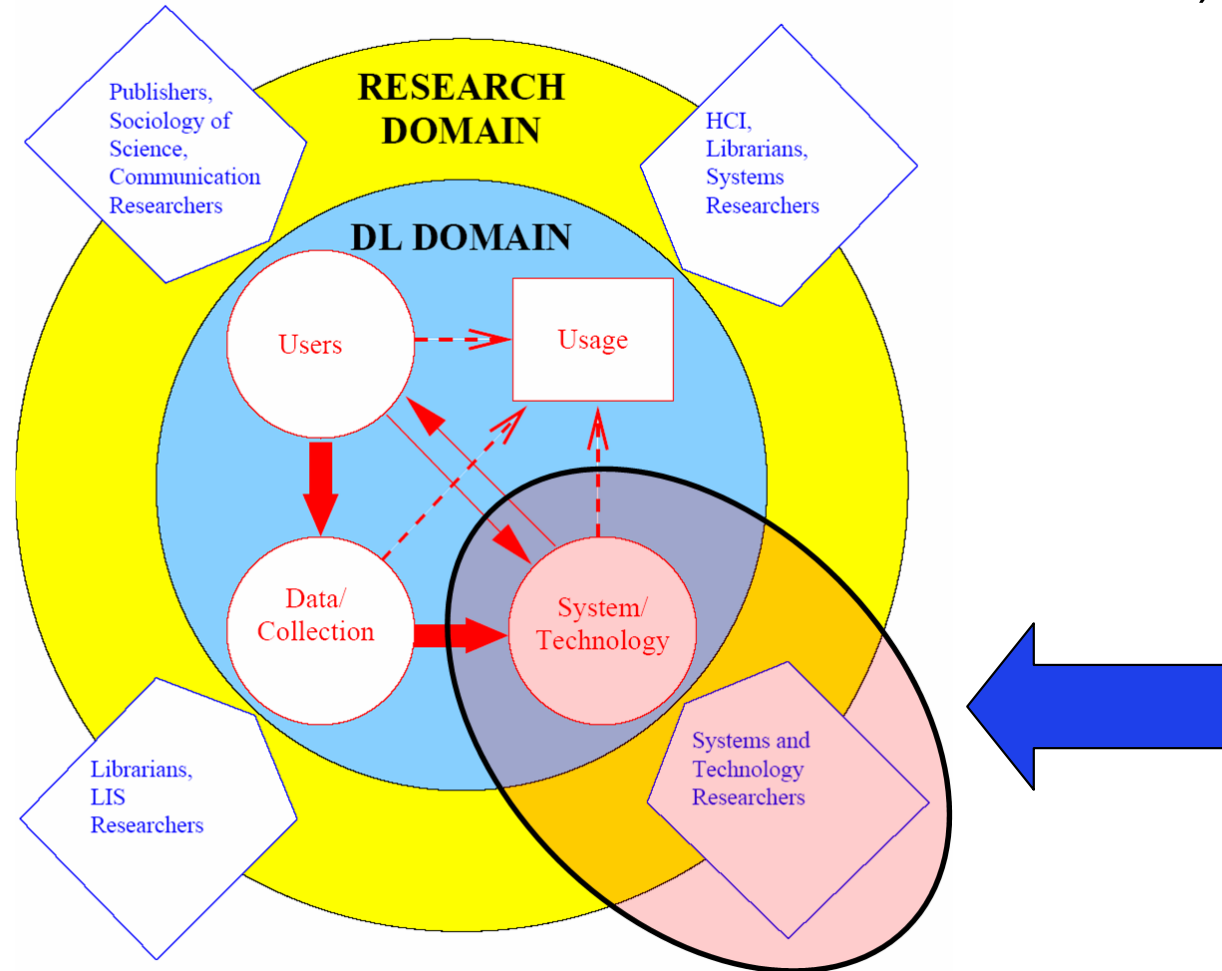
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Main aspects of a DL System



Classification Scheme of a DL

(N. Fuhr, P. Hansen, A. Micsik, I. Solvberg - ECDL2001)



System/Technology View of a DL

Contribution to the evaluation of:

- information access and
- extraction evaluation tools

Interesting perspective:

- Evaluation of the exploitation of annotations

The CLEF Evaluation Infrastructure

Moving towards a more mature and aware way of evaluation of performances:

- Every year data collections change constantly. Problems in comparing performance of two systems (or even the same system) in different years.
 - Proposal: to overcome the lack of stability of collections by fixing some reference collections that do not vary in time;
- Closely related problem:
 - Proposal: to face the lack of an historical/temporal vision of the evaluation.

5S Model useful in analyzing and formalizing that kind of evaluation infrastructure?

An evaluation infrastructure needs to address the community of researchers that carry out evaluation campaigns.

This community can be modeled using the concept of

- **society**.

The evaluation methodologies and the evaluation tasks can be formalized by using proper

- **scenarios** that describe the interactions among the researchers and the evaluated systems.

The metrics and the data collected during the experiments can be described and represented by means of appropriate

- **streams, structures, and spaces**.