

# FLOW: Co-constructing Low Barrier Repository Infrastructure in Support of Heterogeneous Knowledge Collection(s)

Joint Conference on Digital Libraries  
JCDL03: 27-31 May 2003

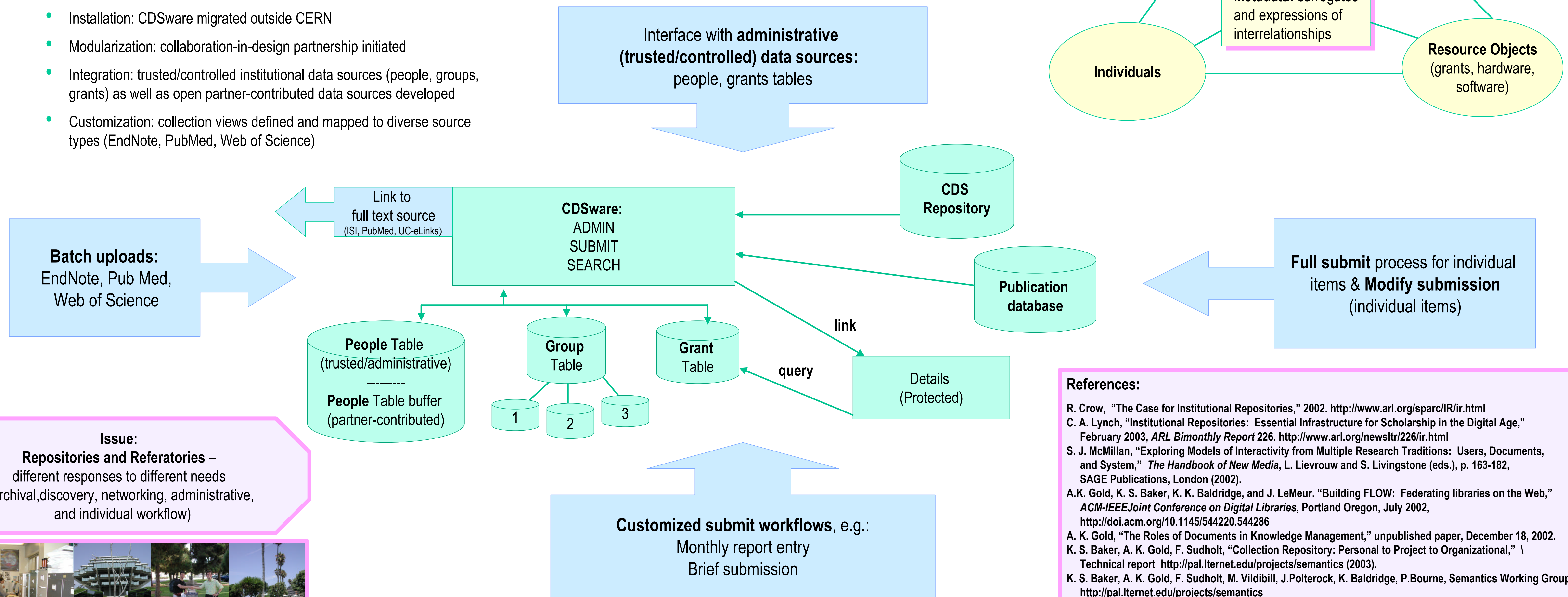
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1. **WHY:** Success of research repositories depends in part on the fit with institutional needs, practices, and data infrastructure, including reporting requirements and support for heterogeneous knowledge inputs and outputs that match workflows and author self-identifications.

2. **HOW:** The SDSC prototype of CDSware expands upon the software delivered by CERN (cdsware.cern.ch) by supporting 1) explicit optional linkages with institutional personnel and grant databases, 2) batch upload from user-defined citation sources (EndNote, PubMed, Web of Science), and 3) user-requested features such as brief submit process and monthly project report submissions.

### 3. HISTORY of Development:

- Installation: CDSware migrated outside CERN
- Modularization: collaboration-in-design partnership initiated
- Integration: trusted/controlled institutional data sources (people, groups, grants) as well as open partner-contributed data sources developed
- Customization: collection views defined and mapped to diverse source types (EndNote, PubMed, Web of Science)



### References:

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Support: NSF/DBI-01-11544; LTER-02-17282; UCSD/Libraries, SIO, SDSC; CERN

