

Global Format Registry Use Case: Update Local Registry from Central Registry

Use Case ID	JSTOR-1
Description	Update a local copy of the format registry by requesting a batch download of new or changed records from the Central Registry
Actors	Central Registry – a global format registry Local Registry --- a copy of the registry held by an archive or repository
Assumptions	The Central Registry consists of machine-readable records and exposes an interface for querying the collection. There will be locally held copies of the Registry.
Preconditions	Records in the Central Registry have strict revision control
Triggers	Local Registry periodically queries Central Registry for updates
Primary Scenario	Step 1: Local Registry sends request for batch update to Central Registry including some indication of what has been previously received Step 2: Central Registry sends all added records, changed records, and list of deleted records back to Local Registry, or an indication that there are no changes.
Primary Result	Local Registry is synchronized with Central Registry
Post-Conditions	
Non-functional requirements	Some indication of what has changed in each record would be helpful, particularly if a Local Registry chooses not to apply all the updates automatically but to review each one for applicability or suitability.
Notes	The change tracking function could be implemented by change numbers or timestamps; timestamps would be easy but change numbers might work better for a syndication model.
Issues	Who will exercise editorial control over the Central Registry?