

Global Format Registry Use Case: Central Registry Broadcasts Updates to Local Registries

Use Case ID	JSTOR-2
Description	Central Registry broadcasts updates to Local Registries who subscribe to the update service.
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 subscribing to notifications of changes. There will be local copies of the Registry.
Preconditions	Records in the Central Registry have strict revision control
Triggers	Changes are made in the Central Registry
Primary Scenario	Step 1: Central Registry broadcasts updates to all subscribing Local Registries
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 or broadcast model.
Issues	Who will exercise editorial control over the Central Registry?