

Global Format Registry

System Use Case: **Add Format Descriptor**

Use Case ID	OCLC-1
Description	Add descriptor for a new digital object format.
Actors	Registry Administrator
Assumptions	A Registry Management Committee that oversees all changes to the registered formats exists. The Administrator has special privileges in the Registry Service.
Preconditions	The Committee has previously approved the correctness of the new format descriptor and all Members have been properly notified. The user administrator has been authenticated. The ID of the new format descriptor does not already exist. A semantic duplicate of the new format descriptor does not already exist. The URIs to software descriptions are valid.
Triggers	Approval of the information proposed by the descriptor.
Primary Scenario	Administrator creates XML document containing all the relevant information. A DOI must have been previously assigned.
	Administrator submits the XML document to a Service.
	Service verifies the correctness of the XML document.
	Execute OCLC-5 based on given properties.
	For each match returned, execute OCLC-3. (These two steps check for duplicate semantic definitions and duplicate DOI).
	Add the new descriptor to the Registry.
Primary Result	True, if the update completed successfully, false otherwise.
Post-Conditions	The new format descriptor exists in the Registry. The new format can be found by participating members.
Architecture requirements (Non-functional)	Access to this use case is secured and permitted only to authorized administrators.
Notes	
Issues	