

Global Format Registry

System Use Case: **Identify Digital Object Type**

Use Case ID	OCLC-11
Description	Determine the format of a given digital object.
Actors	Repository
Assumptions	The Repository has the necessary software installed locally or proper copyrights to transfer the object to an external site have been secured from the content owner.
Preconditions	The Repository has obtained a digital object. The Repository has little or no knowledge of the object's characteristics. At most, the MIME type and file extension is known. The format of the object is registered in the registry.
Triggers	Any Repository function directed at the digital object.
Primary Scenario	Either execute OCLC-5 or OCLC-4 (if no external distinguishing characteristics can be obtained).
	For each returned ID, execute OCLC-3.
	Extract the URI of the parser and locate the local parser executable.
	Execute the parser.
	The parser will extract the structure of the object and identifying attributes.
	Terminate when the parser can successfully identify the digital object.
Execute OCLC-13 to validate the extracted information.	
Primary Result	Determine the format of the object.
Post-Conditions	The Repository has all the information it needs to properly categorize the digital object.
Architecture requirements (Non-functional)	
Notes	
Issues	See Issues noted in Use Case OCLC-5 Search For Format Descriptors.