

Global Format Registry Use Case: Extract metadata from object

Use Case ID	PRO-3
Description	PRO receives technical information required to automatically extract metadata from an object in a specified format.
Actors	PRO – The PRO Digital Preservation Department PRONOM – The PRO file format information system Registry – The file format registry
Assumptions	PRO does not have sufficient existing information about the format to allow automatic metadata extraction, i.e. format is not recorded on PRONOM. Registry contains sufficient technical information to support automatic metadata extraction from the format.
Preconditions	Format is registered with registry.
Triggers	Any PRO process which requires metadata extraction, e.g. accession.
Primary Scenario	Step 1: PRO submits request to registry for information on specified object format. Step 2: Registry supplies technical information required for automatic metadata extraction by PRO from specified format. Step 3: PRO imports information into PRONOM and/or develops appropriate tools as required. Step 4: PRONOM automatically extracts metadata.
Primary Result	PRO receives sufficient technical information to undertake automatic metadata extraction from objects in the format.
Post-Conditions	
Non-functional requirements	PRO will undertake automatic metadata extraction internally, using systems such as PRONOM, and will determine the appropriate information and methods to use for this purpose. PRO will also be responsible for developing or acquiring the necessary tools for undertaking this process. However, the registry should be able to supply technical information to support this, e.g. access to formal technical specifications, and should also, where possible be able to supply information on appropriate existing tools.
Notes	
Issues	If the format is not registered, could a repository submit a request to the registry for inclusion of the format, triggering some kind of call for information?