Test - Setup Profile: Image Collection

This profile is derived from the profile of a real collection: http://bindings.lib.ua.edu/

This collection consists of approximately 5400 book cover objects, which are stored in Fedora using an atomistic model: the parent object contains descriptive and administrative metadata about the book, and the child objects contain images (one image per child) and technical metadata about the image.

For the sake of simplicity, I've flattened the collection into compound objects: every object contains both the descriptive and administrative metadata, and the image content streams and technical metadata. I've left out the METS structmap, RELS-EXT, RELS-INT, and DC datastreams, to give a picture of the content.

Parameter	Suggested values	Notes
Number of objects	6000	
Average number of datastreams per object	see note	1 - 4 binary TIFF datastream: average is 2.19 1 - 4 XML MIX technical metadata streams, one for each image: average is 2.19 1 MODS datastream 1 PREMIS datastream Total average: 4.19 datastreams per object
Standard deviation of datastreams per object	see note	TIFF datastreams: .674 XML MIX datastreams: .674
Average size of datastream	see note	TIFF: 16461985 bytes (16 MB) MODS: 2794 bytes MIX: 2804 bytes PREMIS: 817 bytes
Standard deviation of datastream size	see note	TIFF: 14259792 bytes (14 MB) MODS: 474 bytes MIX: 15 bytes PREMIS: 200 bytes
Average number of properties per node	1	fcr:accessroles property for authorization
Standard deviation of properties per node	0	
Is datastream data random?	Yes	Each datastream is unique; there are no constant value datastreams.