

Archivematica - Bug #937

Convert lossy compression in JPEG 2000 images to lossless compression

12/01/2010 12:00 AM - Evelyn McLellan

Status:	Verified	Start date:	
Priority:	Medium	Due date:	
Assignee:	Evelyn McLellan	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	Release 0.7	Pull Request:	
Google Code Legacy ID:	archivematica-282	Requires documentation:	
Sponsored:			

Description

Currently all JPEG 2000 images are left in their native format. However, only losslessly compressed JPEG 2000 is considered a good preservation format. We need to ensure that lossily compressed ones are uncompressed and recompressed using lossless JPEG 2000 compression. This will prevent "generation loss" - repeated compression and decompression resulting in progressive data loss.

[g] Legacy categories: Preservation planning

History

#1 - 12/01/2010 12:00 AM - Evelyn McLellan

Can use ImageMagick to convert to lossless JPEG2000 compression. See http://www.archivematica.org/wiki/index.php?title=JPEG2000_lossy_to_JPEG2000_lossless_using_ImageMagick. I will add format policy to next version of Archivematica.

#2 - 12/07/2010 12:00 AM - Evelyn McLellan

- Target version set to Release 0.7

Changing to 0.7 because latest release was 0.6.2. See updated development roadmap at http://www.archivematica.org/wiki/index.php?title=Development_roadmap

[g] Labels added: Milestone-Release-0.7

#3 - 12/14/2010 12:00 AM - Evelyn McLellan

- Status changed from New to Verified

Fixed in r892.