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Ghent Output Suite

Patch 4.0.1 — White Overprint

Intent

This patch is designed to highlight certain problems that can arise when rendering White objects that are set to overprint other objects. This patch uses CMYK and spot color GWG Green.
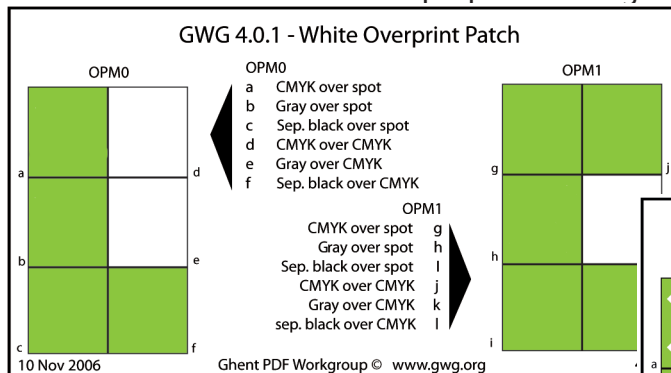
Testing guidelines

The files may be used in two ways:

- A single file may be used to test a specific step in a workflow, such as a RIP.

- The files together may be used to test the whole of a workflow that will aggregate multiple files together, e.g. for partial page advertisements in a magazine.
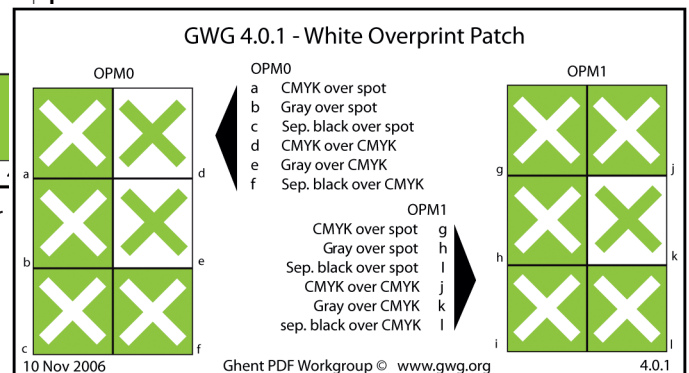
Method of evaluation

Method 1
A clear X indicates the improper handling of a file

GWG 4.0.1 - White Overprint Patch

OPM0

OPM0
a   CMYK over spot
b   Gray over spot
c   Sep. black over spot
d   CMYK over CMYK
e   Gray over CMYK
f   Sep. black over CMYK

OPM1
CMYK over spot   g
Gray over spot   h
Sep. black over spot   I
CMYK over CMYK   j
Gray over CMYK   k
sep. black over CMYK   l

OPM1

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Correct rendering of the patch, all tests passed. No clear X is showing.

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OPM0

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CMYK over spot   g
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OPM1

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Incorrect rendering of the patch, all tests have failed. Each X indicates an incorrectly rendered test.

Description of tests

a) A CMYK vector object is set to overprint a spot color object. If an X shows, it means that overprints have been wrongly applied or some other rendering problem has occurred.

b) A Gray vector object is set to overprint a spot color object. If an X shows, it means that overprints have been wrongly applied or some other rendering problem has occurred.

c) A separation black vector object is set to overprint a spot color object. If an X shows, it means that overprints have been wrongly applied or some other rendering problem has occurred.

d) A CMYK vector object is set to overprint a CMYK object. If an X shows, it means that overprints have been wrongly applied or some other rendering problem has occurred.

e) A Gray vector object is set to overprint a CMYK object. If an X shows, it means that overprints have been wrongly applied or some other rendering problem has occurred.

f) A separation black vector object is set to overprint a CMYK object. If an X shows, it means that overprints have been wrongly applied or some other rendering problem has occurred.

g) A CMYK vector object is set to overprint a spot color object. If an X shows, it means that overprints have been wrongly applied or some other rendering problem has occurred.

h) A Gray vector object is set to overprint a spot color object. If an X shows, it means that overprints have been wrongly applied or some other rendering problem has occurred.

i) A separation black vector object is set to overprint a spot color object. If an X shows, it means that overprints have been wrongly applied or some other rendering problem has occurred.

j) A 0% CMYK vector object is set to overprint a CMYK object. If an X shows, it means that overprints have been wrongly applied or some other rendering problem has occurred.

k) A Gray vector object is set to overprint a CMYK object. If an X shows, it means that overprints have been wrongly applied or some other rendering problem has occurred.

l) A separation black vector object is set to overprint a CMYK object. If an X shows, it means that overprints have been wrongly applied or some other rendering problem has occurred.

Notes

Patch 4.0.1 replaces previously released version 4.0. Objects that are set to A 0% and are set to overprint disappear in most cases, but not all cases. All the white objects on this patch are set to overprint, but the expected behavior differs depending on different color spaces and overprint modes. This patch includes examples of cases where objects would be expected to disappear as well as cases where the proper behavior would be to knock out the object below. It is possible that the amalgamation of this patch with other patches may very well lead to problems. For example, the amalgamation of this patch with patch 11 (default color space) using a layout application could very well point out some problems with the application that would otherwise go unnoticed.

Patch contributors

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10 Nov 2006

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