

Patch 2.0 - Spot and CMYK Overprint

Intent

This patch is designed to highlight certain problems that can arise when rendering Spot color objects that are set to overprint CMYK objects. This patch uses the Spot color GWG Green.

Testing guidelines

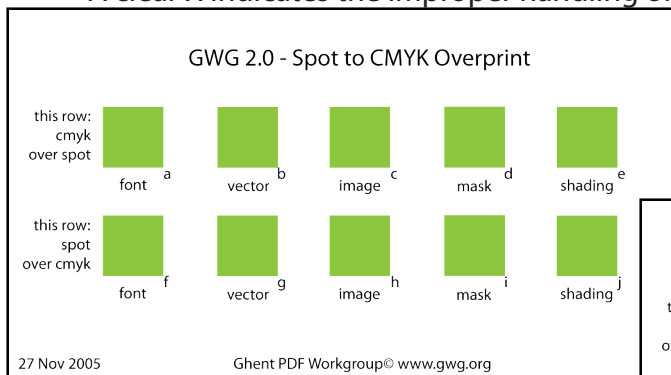
Test patches may be used in two ways:

- A single patch may be used to test a specific step in a workflow, such as a RIP.
- Patches may be grouped with other patches to test the whole of a workflow that will aggregate multiple files together, e.g. for partial page advertisements in a magazine.

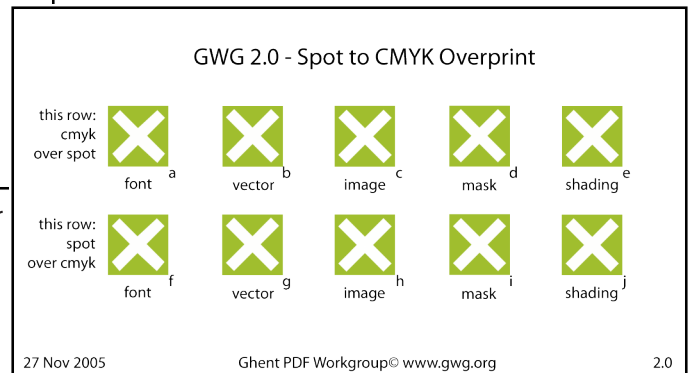
Method of evaluation

Method 1

A clear X indicates the improper handling of a file



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



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

Description of tests

- a) A font object colored in CMYK is overprinting 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 vector object colored in CMYK is overprinting a Spot color object. If an X shows, it means that overprints have been wrongly applied or some other rendering problem has occurred.
- c) An image object colored in CMYK is overprinting a Spot color object. If an X shows, it means that overprints have been wrongly applied or some other rendering problem has occurred.
- d) An image mask object colored in CMYK is overprinting a Spot color object. If an X shows it means that overprints have been wrongly applied or some other rendering problem has occurred.
- e) A smooth shading object colored in CMYK is overprinting a Spot color object. If an X shows, it means that overprints have been wrongly applied or some other rendering problem has occurred.
- f) A font object colored in the Spot color GWG Green is overprinting a CMYK object. If an X shows, it means that overprints have been wrongly applied or some other rendering problem has occurred.
- g) A vector object colored in the Spot color GWG Green is overprinting a CMYK object. If an X shows, it means that overprints have been wrongly applied or some other rendering problem has occurred.
- f) An Image object colored in the Spot color GWG Green is overprinting a CMYK object. If an X shows, it means that overprints have been wrongly applied or some other rendering problem has occurred.
- f) An Image mask object colored in the Spot color GWG Green is overprinting a CMYK object. If an X shows, it means that overprints have been wrongly applied or some other rendering problem has occurred.
- f) A smooth shading object colored in the Spot color GWG Green is overprinting a CMYK object. If an X shows it means that overprints have been wrongly applied or some other rendering problem has occurred.

Notes

A faint 'X' in slightly darker green may show in all of the tests; this is acceptable behavior in this patch. Only a clearly visible X indicates an incorrectly rendered patch. Please see example on the first page of this README file.

This patch appears to be a simple patch, and should be rendered without fail on its own. It is, however, possible that the amalgamation of this patch with other patches may very well lead to problems. There are several cases in which objects set to overprint using Spot colors can prove to create some advanced problems. For example, If you simulate Spot colors for proofing or commonly convert Spot colors to CMYK this patch can be used to highlight potential errors in your working practices. Use this patch along with patch 10 —Spot to CMYK conversions for testing Spot color simulation.

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