

Patch 5.1 and 5.2 — Font Substitution

Intent

These patches are designed to highlight the substitution of characters within a document that has more than one incident of a font imported within it. This patch uses CMYK only.

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 amalgamate multiple files together, e.g. for partial page advertisements in a magazine.

Method of evaluation

Method 2

A visual comparison to a reference within the patch.

GWG 5.1 - Font subset and substitution		
	Placed EPS-file n°1 (VVLNKX+Myriad-Roman)	Placed EPS-file n°2 (VVLNKX+Myriad-Roman)
subsetting font	12345	45678
expected result	12345	45678
- If all characters are correct and appear in the right order, the subset fonts have been processed correctly. - If some characters do not appear or display in the wrong order, incorrect handling of subset fonts has occurred.		
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Correct rendering of the patch, all tests passed. All fonts have rendered as per the examples within the file.

GWG 5.1 - Font subset and substitution		
	Placed EPS-file n°1 (VVLNKX+Myriad-Roman)	Placed EPS-file n°2 (VVLNKX+Myriad-Roman)
subsetting font	12345	12678
expected result	12345	45678
- If all characters are correct and appear in the right order, the subset fonts have been processed correctly. - If some characters do not appear or display in the wrong order, incorrect handling of subset fonts has occurred.		
15 Dec 2006 Ghent PDF Workgroup © www.gwg.org 5.1		

Incorrect rendering of the patch, the glyphs 4 and 5 have been substituted with the glyphs of 1 and 2 on the right hand side.

Description of tests

Patches 5.1 and 5.2 have been created to clearly show when a PDF handling application has difficulty processing multiple instances of a font within the same PDF document. Both fonts have glyphs which are present in both font subsets but occupy different locations in the font tables. This scenario can be the result of applications which amalgamate multiple documents with different font subsets and exports one resulting PDF document.

If the PDF files are not handled correctly the likely outcome could be either; glyphs being substituted with the wrong glyphs; or blank spaces appearing where there are conflicts.

For detailed information on the contents of these patches please refer to the documents called **051_Font_report.pdf** and **052_Font_report.pdf**. Both these detailed reports have been created using PDFlib FontReporter

Notes

This is a basic patch and all graphic arts equipment should be able to handle this patch without any issues. It is possible that the amalgamation of this patch with other files may very well lead to problems. For example, the amalgamation of this patch with subject matter which contains other instances of a font named Myriad Roman could cause problems that would otherwise go unnoticed.

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