

## Patch 9.0 — Font Support

### Intent

This patch is designed to highlight certain problems that can arise with the handling of different types of fonts.

### 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 2

A visual comparison to a reference within the patch.

GWG 9.0 - Font Support	
<b>Type1 PostScript:</b>	<code>äöüÄÖÛäääfißl©®@DCEÆOæfjz%œp½ð</code> (NewCenturySchlbk Italic)
Expected result:	<code>äöüÄÖÛäääfißl©®@DCEÆOæfjz%œp½ð</code> (NewCenturySchlbk Italic)
<b>TrueType:</b>	<code>äöüÄÖÛäääfißl©®@DCEÆOæfjz%œp½ð</code> (BookAntiqua-BoldItalic)
Expected result:	<code>äöüÄÖÛäääfißl©®@DCEÆOæfjz%œp½ð</code> (BookAntiqua-BoldItalic)
<b>CID (Type1):</b>	<code>äöüÄÖÛäääfißl©®@DCEÆOæfjz%œp½ð</code> (WarnockPro-BoldIt)
Expected result:	<code>äöüÄÖÛäääfißl©®@DCEÆOæfjz%œp½ð</code> (WarnockPro-BoldIt)
<b>CID (TrueType):</b>	<code>äöüÄÖÛäääfißl©®@DCEÆOæfjz%œp½ð</code> (PalatinoLinotype BoldIta)
Expected result:	<code>äöüÄÖÛäääfißl©®@DCEÆOæfjz%œp½ð</code> (PalatinoLinotype BoldIta)
<b>Multiple Master:</b>	<code>dit is een multiple master ex ponto mm dit is een multiple master ex ponto mm</code> (ExPonto)
Expected result:	<code>dit is een multiple master ex ponto mm dit is een multiple master ex ponto mm</code> (ExPonto)
<b>Type 3 Vector:</b>	<code>äöüÄÖÛäääfißl©®@DCEÆOæfjz%œp½ð\$EçABCD...XYZ (T1 / Garamond B</code>
Expected result:	<code>äöüÄÖÛäääfißl©®@DCEÆOæfjz%œp½ð\$EçABCD...XYZ (T1 / Garamond B</code>
<b>Type 3 Bitmap:</b>	<code>null fällt ein negativer Zahlungsstrom an. In den Jahren eins bis fünf (</code>
Expected result:	<code>null fällt ein negativer Zahlungsstrom an. In den Jahren eins bis fünf (</code>
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Correct rendering of the patch: all tests passed. All fonts have rendered as per the examples within the file.

GWG 9.0 - Font Support	
<b>Type1 PostScript:</b>	<code>äöüÄÖÛäääfißl©®@DCEÆOæfjz%œp½ð</code> (NewCenturySchlbk Italic)
Expected result:	<code>äöüÄÖÛäääfißl©®@DCEÆOæfjz%œp½ð</code> (NewCenturySchlbk Italic)
<b>TrueType:</b>	<code>ä ö ü Ä Ö Û ä ä ä f i ß l © ® @ D C E Æ O æ f j z % œ p ½ ð</code> (BookAntiqua-BoldItalic)
Expected result:	<code>äöüÄÖÛäääfißl©®@DCEÆOæfjz%œp½ð</code> (BookAntiqua-BoldItalic)
<b>CID (Type1):</b>	<code>äöüÄÖÛäääfißl©®@DCEÆOæfjz%œp½ð</code> (WarnockPro-BoldIt)
Expected result:	<code>äöüÄÖÛäääfißl©®@DCEÆOæfjz%œp½ð</code> (WarnockPro-BoldIt)
<b>CID (TrueType):</b>	<code>ä ö ü Ä Ö Û ä ä ä f i ß l © ® @ D C E Æ O æ f j z % œ p ½ ð</code> (PalatinoLinotype BoldIta)
Expected result:	<code>äöüÄÖÛäääfißl©®@DCEÆOæfjz%œp½ð</code> (PalatinoLinotype BoldIta)
<b>Multiple Master:</b>	<code>dit is een multiple master ex ponto mm dit is een multiple master ex ponto mm</code> (ExPontoMM)
Expected result:	<code>dit is een multiple master ex ponto mm dit is een multiple master ex ponto mm</code> (ExPontoMM)
<b>Type 3 Vector:</b>	<code>ä ö ü Ä Ö Û ä ä ä f i ß l © ® @ D C E Æ O æ f j z % œ p ½ ð \$ E ç A B C D . . . X Y Z ( T 1 / G a r a m o n d B o l d )</code>
Expected result:	<code>äöüÄÖÛäääfißl©®@DCEÆOæfjz%œp½ð\$EçABCD...XYZ (T1 / Garamond Bold)</code>
<b>Type 3 Bitmap:</b>	<code>null fällt ein negativer Zahlungsstrom an. In den Jahren eins bis fünf (T10)</code>
Expected result:	<code>null fällt ein negativer Zahlungsstrom an. In den Jahren eins bis fünf (T10)</code>
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Incorrect rendering of the patch: the tests for TrueType, CID (TrueType) and Type 3 vector have all been mishandled in the rendering as they do not match the expected result shown.

## GWG 9.0 - Font Support

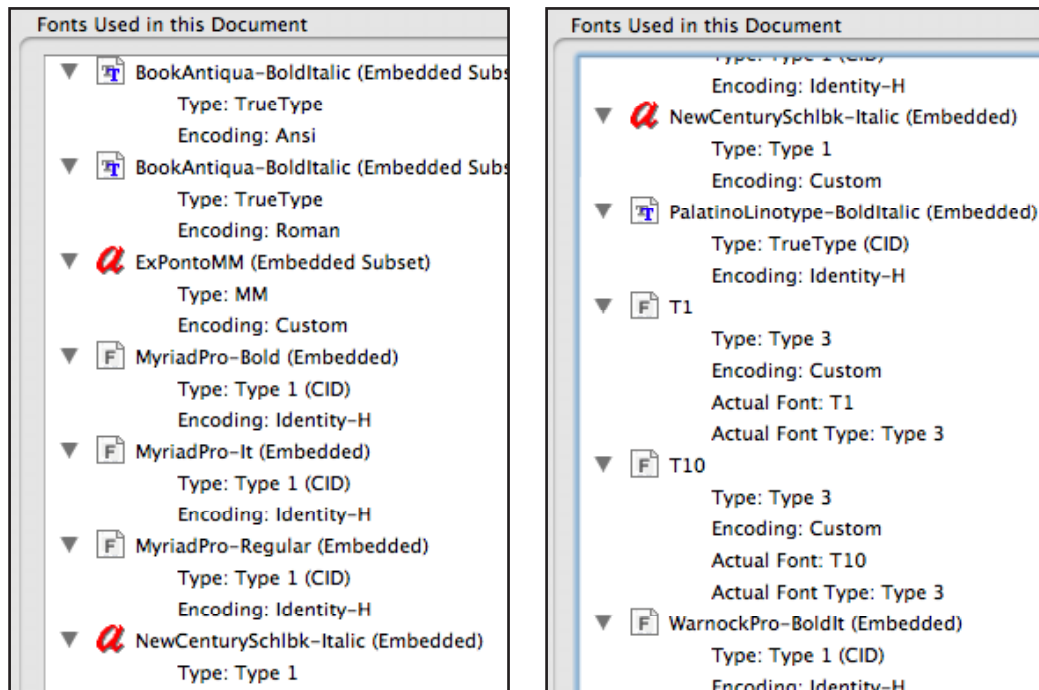
<b>Type1 PostScript:</b>	<i>äöüÄÖÜáâàâfifl©®@ÐĖĖØæfÿ‡%øþ½ð</i>	(NewCenturySchlbk Italic)
Expected result:	<i>äöüÄÖÜáâàâfifl©®@ÐĖĖØæfÿ‡%øþ½ð</i>	(NewCenturySchlbk Italic)
<b>TrueType:</b>	<i>äöüÄÖÜáâàâfifl©®@ÐĖĖØæfÿ‡%øþ½ð</i>	(BookAntiqua-BoldItalic)
Expected result:	<i>äöüÄÖÜáâàâfifl©®@ÐĖĖØæfÿ‡%øþ½ð</i>	(BookAntiqua-BoldItalic)
<b>CID (Type1):</b>	<i>äöüÄÖÜáâàâfifl©®@ÐĖĖØæfÿ‡%øþ½ð</i>	(WarnockPro-BoldIt)
Expected result:	<i>äöüÄÖÜáâàâfifl©®@ÐĖĖØæfÿ‡%øþ½ð</i>	(WarnockPro-BoldIt)
<b>CID (TrueType):</b>	<i>äöüÄÖÜáâàâfifl©®@ÐĖĖØæfÿ‡%øþ½ð</i>	(PalatinoLinotype BoldItalic)
Expected result:	<i>äöüÄÖÜáâàâfifl©®@ÐĖĖØæfÿ‡%øþ½ð</i>	(PalatinoLinotype BoldItalic)
<b>Multiple Master:</b>	<i>dit is een multiple master ex ponto mm dit is een multiple master ex ponto mm</i>	(ExPontoMM)
Expected result:	<i>dit is een multiple master ex ponto mm dit is een multiple master ex ponto mm</i>	(ExPontoMM)
<b>Type 3 Vector:</b>	<i>äöüÄÖÜáâàâfifl©®@ÐĖĖØæfÿ‡%øþ½ð\$£¢ABCD...XYZ</i>	(T1 / Garamond Bold)
Expected result:	<i>äöüÄÖÜáâàâfifl©®@ÐĖĖØæfÿ‡%øþ½ð\$£¢ABCD...XYZ</i>	(T1 / Garamond Bold)
<b>Type 3 Bitmap:</b>	<i>null fällt ein negativer Zahlungsstrom an. In den Jahren eins bis fünf</i>	(T10)
Expected result:	<i>null fällt ein negativer Zahlungsstrom an. In den Jahren eins bis fünf</i>	(T10)
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The first line contains the text using the font.

The second line contains a bitmap representation of the expected result.

If the first line does not look similar than the second line something went wrong with the embedded fonts.

These fonts are embedded in the patch:



## 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 patches may very well lead to problems.

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## Patch creation date

03 Nov 2005

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