

## Bug Fixes

**ID :** 1230**Fixed in version :** 3.1.2**Short Description:** Pdfdevice crash**Full Description:** From our customer with OSX 10.9 (mavericks), whenever he's printing PDF with PdfDevice (3.0 and 3.1), Omnis crashes.

**Comments :** The problem was related to some special unicode characters that are used in the report in question, specifically U+2028 and U+0823. One of these characters does not exist in any of the installed fonts so the Mac system resorts to the "LastResort" font. The "LastResort" font is a special font that encodes all unicode characters and displays them as a box with the unicode character ID inside it. Although the "LastResort" font is a true-type font, it uses an indexing table that PDFDevice did not support (all standard fonts usually provide alternative indexing tables that are supported by PDFDevice). We have now implemented the latest indexing tables as specified by the true-type specification.

This problem also highlighted some issues in relation to font-substitution in general which also effects the windows platform in some manner.

1) a potential crash if a report contains two characters not supported by the intended font and if they appear in an order that causes PDFDevice to refer to two different substitution fonts.

2) when a font is substituted some subsequent characters that are supported by a more suitable alternative substitution font may always map to the current substitution font instead.

Both of these problems are rare intermittent problem and only occur during language substitution, when unusual characters are used.

**ID :** 1239**Fixed in version :** 3.1.4**Short Description:** Pdfdevice crash**Full Description:** With another DB the latest version of PdfDevice (v3.1.2) you sent crashes.

**Comments :** This is a Mac OS X only issue.

An invalid character code caused a crash in the Mac OS X CFString handling. It appears there is some corruption in the Omnis data in the last character of a string. More suitable safety checks have now been put into place.