mPDF Version 4.0 New features

- Ability to embed font subsets (much smaller files)
- Support for Fixed position block elements
- Support for Indic languages including consonant conjuncts
- Much improved support for Arabic languages
- New utility to help create your own fonts
- Increased support for barcodes

Indic Fonts/Languages

From BBC World Service Hindi News (http://www.bbc.co.uk/hindi/)

कुछ और तथ्य पॉप

जैक्सन मामले से जुड़े नए तथ्य सामने आए.

From BBC World Service Tamil News (http://www.bbc.co.uk/tamil/)

செய்தியரங்கம்

இலங்கையில் சிறுபான்மைக் கட்சிகளுக்கிடையில் பொது இணக்கப்பாட்டை எட்டும் முயற்சியில் ...

From Yahoo Indian- Malayalam (http://in.malayalam.yahoo.com/)

പഴശ്ശിരാജ മെഗാഹിറ്റ്; ്സ്വ.ലേ് മുന്നേറുന്നു

പഴശ്ശിരാജ മലയാള സിനിമയുടെ ചരിത്രത്തിലെ ഏറ്റവും വലിയ വിജയമാകുകയാൺ. 30 ദിവസങ്ങൾ പിന്നിട്ടപ്പോൾ ചിത്രത്തിന്റെ കളക്ഷൻ 12 കോടി...

From Yahoo Indian- Punjabi (http://in.punjabi.yahoo.com/)

ਚਾਂਸ ਪੇ ਡਾਂਸ ਸ਼ਾਹਿਦ ਦੀ ਕਹਾਣੀ

ਕੋਨ ਘੋਸ਼ ਦੀ ਫ਼ਿਲਮ ਚਾਂਸ ਪੇ ਡਾਂਸ ਫ਼ਿਲਮ ਵਿੱਚ ਸ਼ਾਹਿਦ ਕਪੂਰ ਮੁੱਖ ਭੂਮਿਕਾ ਵਿੱਚ ਹਨ| ਫ਼ਿਲਮ ਦੇ ਬਾਰੇ ਵਿੱਚ ਕਿਹਾ ਜਾ ਸਕਦਾ ਹੈ ਕਿ ਇਹ ਆਪ ਸ਼ਾਹਿਦ ਦੀ ਕਹਾਣੀ ਹੈ| ਫ਼ਿਲਮ ਦਾ ਨਾਇਕ ਮੱਧਮ ਪਰਿਵਾਰ ਦਾ ਦੱਸਿਆ ਗਿਆ ਹੈ ਅਤੇ ਕਈ...

From Yahoo Indian- Gujarati (http://in.gujarati.yahoo.com/)

શિલ્પા અને રાજ આજે સાત ફેરા લેશે

બોલીવુડ સુંદરી શિલ્પા શેટ્ટી પોતાના મંગેતર ભારતીય મૂળના બ્રિટિશ ઉદ્યોગપતિ રાજ કુંદ્રા સાથે આજે લગ્ન બંધનમાં બંધાય જશે. વિવાહ સમારંભ રાજના મિત્ર કિરણ બાવાના ખંડાલામાં આવેલ ફાર્મ...

Arabic Fonts/Languages

From BBC World Service Arabic News (http://www.bbc.co.uk/arabic/)

الف دولار 350 بيع قفاز مايكل جاكسون بـ

خلال اول خطوة من 1983 بيع القفاز الجلدي المرصع الذي ارتداه مايكل جاكسون للمرة الاولى عام الف دولار السبت في نيويورك خلال مزاد 350 رقصته الشهيرة "السير على القمر (مون ووك)" بسعر لمقتنيات المغني الامريكي الراحل.

In alternative fonts (available with mPDF):

الف دولار 350 بيع قفاز مايكل جاكسون بـ الف دولار 350 بيع قفاز مايكل جاكسون بـ الف دولار 350 بيع قفاز مايكل جاكسون بـ الف دولار 350 بيع قفاز مايكل جاكسون بـ الف دولار 350 بيع قفاز مايكل جاكسون بـ	الف دولار 350 بيع قفاز مايكل جاكسون بـ الف دولار 350 بيع قفاز مايكل جاكسون بـ الف دولار 350 بيع قفاز مايكل جاكسون بـ الف دولار 350 بيع قفاز مايكل جاكسون بـ الف دولار 350 بيع قفاز مايكل جاكسون بـ

From BBC World Service Persian News (http://www.bbc.co.uk/persian/)

'طبق نظرسنجی دولت انتخابات به دور دوم کشیده می شد'

علیرضا زاکانی نماینده تهران در مجلس گفته که یک روز پیش از برگزاری انتخابات ریاست جمهوری در ایران، نظرسنجی وزارت کشور و وزارت اطلاعات ایران نشان می داد که انتخابات به دور دوم کشیده می شود.

From BBC World Service Urdu News (http://www.bbc.co.uk/urdu/)

لاکھ ڈالر کا 35 جیکسن کا دستانہ

امریکی پاپ سنگر مائیکل جیکسن کا دستانہ جس پر نقلی ہیرے جڑے ہوئے تھے اور جو پیش کیئے جانے پر ملا تھا پینتیس لاکھ ڈالر میں نیلام ہو گیا 'مون واک' انھیں پہلی مرتبہ ہے۔

From BBC World Service Pashto News (http://www.bbc.co.uk/pashto/)

ستاسي پيغامونه اود خوښۍ سندرې

د موسیقۍ داخپرونې په افغانستان کې دابف اېم په څپود سهار په لسو بجو اوریدلی شی

Fixed-position block elements

mPDF 4.0 supports fixed-position block elements (at least partially). This page has some examples of fixed-position elements.

#2. Praesent pharetra nulla in turpis. Sed ipsum nulla, sodales nec, vulputate in, scelerisque vitae, magna.

Praesent pharetra nulla in turpis. Sed ipsum nulla, sodales nec, vulputate in, scelerisque vitae, magna. Sed egestas justo nec ipsum. Nulla facilisi. Praesent sit amet pede quis metus aliquet vulputate. Donec luctus. Cras euismod tellus vel leo.

Sed egestas justo nec ipsum. Nulla facilisi. Praesent sit amet pede quis metus aliquet vulputate. Donec luctus. Cras euismod tellus vel leo.

#4. overflow: auto
Praesent pharetra nulla in turpis. Sed ipsum nulla, sodales nec, vulputate in, scelerisque vitae, magna. Sed egestas justo nec ipsum. Nulla facilisi.

#6. overflow: hidden
Praesent pharetra nulla in

#7. width: auto
Shrink-to-fit

#5. overflow: visible
Praesent pharetra nulla in turpis. Sed ipsum nulla, sodales nec, vulputate in, scelerisque vitae, magna. Sed egestas justo nec ipsum. Nulla facilisi.

#1. Nulla felis erat, imperdiet eu, ullamcorper non, nonummy quis, elit. Suspendisse potenti. Ut a eros at ligula eros vehicula pretium. Maecenas feugiat pede vel risus. Nulla et lectus. Fusce eleifend neque sit amet erat. Integer consectetuer nulla non orci. Morbi feugiat pulvinar dolor. Cras odio.

Nulla felis erat, imperdiet eu, ullamcorper non, nonummy quis, elit. Suspendisse potenti. Ut a eros at ligula eros vehicula pretium. Maecenas feugiat pede vel risus. Nulla et lectus. Fusce eleifend neque sit amet erat. Integer consectetuer nulla non orci. Morbi feugiat pulvinar dolor. Cras odio.

Donec mattis, nisi id euismod auctor, neque metus pellentesque risus, at eleifend lacus sapien et risus. Phasellus metus. Phasellus feugiat, lectus ac aliquam molestie, leo lacus tincidunt eros turpis, vel aliquam quam eros odio et sapien.

Donec mattis, nisi id euismod auctor, neque metus pellentesque risus, at eleifend lacus sapien et risus. Phasellus metus. Phasellus feugiat, lectus ac aliquam molestie, leo lacus tincidunt eros turpis, vel aliquam quam eros odio et sapien.

Mauris ante pede, eros auctor ac, suscipit quis, malesuada sed, nulla. Integer sit amet odio sit amet lectus luctus euismod. Donec et nulla. Sed quis orci.

#3. Praesent pharetra nulla in turpis. Sed ipsum nulla, sodales nec, vulputate in, scelerisque vitae, magna. Praesent pharetra nulla in turpis. Sed ipsum nulla, sodales nec, vulputate in, scelerisque vitae, magna. Sed egestas justo nec ipsum. Nulla facilisi. Praesent sit amet pede quis metus aliquet vulputate. Donec luctus. Cras euismod tellus vel leo.

Barcodes

NB **Quiet zones** - The barcode object includes space to the right/left or top/bottom only when the specification states a 'quiet zone' or 'light margin'. All the examples below also have CSS property set on the barcode object i.e. padding: 1.5mm;

EAN-13 Barcodes (EAN-2 and EAN-5)

NB EAN-13, UPC-A, UPC-E, and EAN-8 may all include an additional bar code(EAN-2 and EAN-5) to the right of the main bar code (see below).
A nominal height and width for these barcodes is defined by the specification. 'size' will scale both the height and width. Values between 0.8 and 2 are allowed (i.e. 80% to 200% of the nominal size). 'height' can also be varied as a factor of 1; this is applied after the scaling factor used for 'size'.

CODE	DESCRIPTION	BARCODE
EAN13	Standard EAN-13 barcode. Accepts 12 or 13 characters (creating checksum digit if required). [0-9] numeric only.	
ISBN	Standard EAN-13 barcode with 'ISBN' number shown above [shown at height="0.66"]	
ISSN	Standard EAN-13 barcode with 'ISSN' number shown above [shown at size="0.8"]	

EAN-8, UPC-A and UPC-E Barcodes

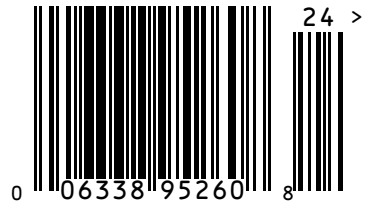
UPC-A, UPC-E, EAN-13, and EAN-8 may all include an additional bar code(EAN-2 and EAN-5) to the right of the main bar code (see below).
A nominal height and width for these barcodes is defined by the specification. 'size' will scale both the height and width. Values between 0.8 and 2 are allowed (i.e. 80% to 200% of the nominal size). 'height' can also be varied as a factor of 1; this is applied after the scaling factor used for 'size'.

CODE	DESCRIPTION	BARCODE
UPCA	UPC-A barcode. This is a subset of the EAN-13. (098277211236) Accepts 11 or 12 characters (creating checksum digit if required). [0-9] numeric only	
UPCE	UPC-E barcode. Requires the UPC-A code to be entered as above (e.g. 042100005264 to give 425261). NB mPDF will die with an error message if the code is not valid, as only some UPC-A codes can be converted into valid UPC-E codes. UPC-E doesn't have a check digit encoded explicity, rather the check digit is encoded in the parity of the other six characters. The check digit that is encoded is the check digit from the original UPC-A barcode.	

CODE	DESCRIPTION	BARCODE
EAN8	EAN-8 (5512345) Accepts 7 or 8 characters (creating checksum digit if required). [0-9] numeric only	

EAN-2 and EAN-5 supplements, and combined forms

UPC-A, UPC-E, EAN-13, and EAN-8 may all include an additional bar code(EAN-2 and EAN-5) to the right of the main bar code.

CODE	DESCRIPTION	BARCODE
EAN2	EAN-2 supplement barcode. mPDF does not generate EAN-5 barcode on its own; see supplements below. Used to denote an issue of a periodical. EAN-2 supplement accepts 2 digits [0-9] only, EAN-5 five.	
EAN5	EAN-5 supplement barcode. mPDF does not generate EAN-5 barcode on its own; see supplements below. Usually used in conjunction with EAN-13 for the price of books. 90000 is the code for no price.	
EAN13P2	Standard EAN-13 barcode with 2-digit UPC supplement (07)	
ISBNP2	Standard EAN-13 barcode with 'ISBN' number shown above, and 2-digit EAN-2 supplement	
ISSNP2	Standard EAN-13 barcode with 'ISSN' number shown above, and 2-digit EAN-2 supplement	
UPCAP2	UPC-A barcode with 2-digit EAN-2 supplement. This is a subset of the EAN-13. (075678164125 07)	
UPCEP2	UPC-E barcode with 2-digit EAN-2 supplement. (042100005264 07)	

CODE	DESCRIPTION	BARCODE
EAN8P2	EAN-8 barcode with 2-digit EAN-2 supplement (55123457 07)	
EAN13P5	Standard EAN-13 barcode with 5-digit UPC supplement (90000)	
ISBNP5	Standard EAN-13 barcode with 'ISBN' number shown above, and 5-digit EAN-5 supplement	
ISSNP5	Standard EAN-13 barcode with 'ISSN' number shown above, and 5-digit EAN-5 supplement	
UPCAP5	UPC-A barcode with 5-digit EAN-5 supplement. This is a subset of the EAN-13. (075678164125 90000)	
UPCEP5	UPC-E barcode with 5-digit EAN-5 supplement. (042100005264 90000)	
EAN8P5	EAN-8 barcode with 5-digit EAN-5 supplement (55123457 90000)	

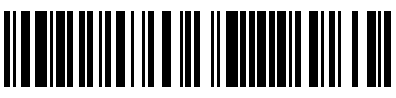
Postcode Barcodes

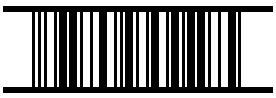
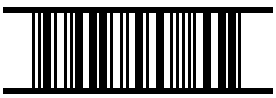
These all have sizes fixed by their specification. Although they can be altered using 'size' it is not recommended. 'height' is ignored.

CODE	DESCRIPTION	BARCODE
IMB	Intelligent Mail Barcode - also known as: USPS OneCode 4-State Customer Barcode, OneCode 4CB, USPS 4CB, 4-CB, 4-State Customer Barcode, USPS OneCode Solution Barcode. (01234567094987654321-01234567891) Accepts: Up to 31 digits (required 20-digit Tracking Code, and up to 11-digit Routing Code; this may be 0, 5, 9, or 11 digits). If the Routing code is included, it should be spearated by a hyphen - like this example.	
RM4SCC	Royal Mail 4-state Customer barcode (SN34RD1A). Accepts: max. 9 characters. Valid characters: [A-Z,0-9] Checksum digit: automatic.	
KIX	Dutch KIX version of Royal Mail 4-state Customer barcode (SN34RD1A). Valid characters: [A-Z,0-9]. Checksum digit: automatic.	
POSTNET	POSTNET barcode. Accepts 5, 9 or 11 digits. Valid characters: [0-9]. Checksum digit: automatic.	
PLANET	PLANET barcode. Accepts 11 or 13 digits. Valid characters: [0-9]. Checksum digit: automatic.	

Variable width Barcodes

These barcodes are all of variable length depending on the code entered. There is no recommended maximum size for any of these specs, but all recommend a minimum X-dimension (width of narrowest bar) as 7.5mil (=0.19mm). The default used here is twice the minimum i.e. X-dim = 0.38mm.
The specifications give a minimum height of 15% of the barcode length (which can be variable). The bar height in mPDF is set to a default value of 10mm.
'size' will scale the barcode in both dimensions. mPDF will accept any number, but bear in mind that size="0.5" will set the bar width to the minimum. The 'height' attribute further allows scaling - this factor is applied to already scaled barcode. Thus size="2" height="0.5" will give a barcode twice the default width (X-dim=0.76mm) and at the default height set in mPDF i.e. 10mm.

CODE	DESCRIPTION	BARCODE
C128A	CODE 128 A. Valid characters: [A-Z uppercase and control chars ASCII 0-31]. Checksum digit: automatic.	
C128B	CODE 128 B. Valid characters: [Upper / Lower Case + All ASCII Printable Characters]. Checksum digit: automatic.	
C128C	CODE 128 C. Valid characters: [0-9]. Must be an even number of digits. Checksum digit: automatic.	
EAN128C [A/B/C]	EAN128 (A, B, and C). Specified variant of Code 128, utilising an FNC1 start code. Also known as UCC/EAN-128 or GS1-128. Valid characters: [cf. Code 128]. Checksum digit: automatic.	

CODE	DESCRIPTION	BARCODE
C39	CODE 39 - ANSI MH10.8M-1983 - USD-3 - 3 of 9. Valid characters: [0-9 A-Z '-' . Space $/+%]	
C39+	CODE 39 + CHECKSUM. Checksum digit: automatic.	
C39E	CODE 39 EXTENDED. Valid characters: [ASCII-characters between 0..127]	
C39E+	CODE 39 EXTENDED + CHECKSUM. Checksum digit: automatic.	
S25	Standard 2 of 5. Valid characters: [0-9]	
S25+	Standard 2 of 5 + CHECKSUM. Valid characters: [0-9]. Checksum digit: automatic.	
I25	Interleaved 2 of 5. Valid characters: [0-9]	
I25+	Interleaved 2 of 5 + CHECKSUM. Valid characters: [0-9]. Checksum digit: automatic.	
I25B	Interleaved 2 of 5 with bearer bars. Valid characters: [0-9]	
I25B+	Interleaved 2 of 5 + CHECKSUM with bearer bars. Valid characters: [0-9]. Checksum digit: automatic.	
C93	CODE 93 - USS-93 (extended). Valid characters: [ASCII-characters between 0..127]. Checksum digits: automatic.	
MSI	MSI. Modified Plessey. Valid characters: [0-9]	
MSI+	MSI + CHECKSUM (module 11). Checksum digit: automatic.	
CODABAR	CODABAR. Valid characters: [0-9 '-' $:/.+ ABCD] ABCD are used as stop and start characters e.g. A34698735B	
CODE11	CODE 11. Valid characters: [0-9 and '-']. Checksum digits: 1 (or 2 if length of code is > 10 characters) - automatic.	