ITEXT

pdfCalligraph

an iText 7 add-on

A whole new world

PDF documents have typically relied on basic fonts for automated batch processes. This meant that you could not use advanced typography features such as font features, complex writing systems with overlapping text, script functions or languages that require text re-ordering such as Arabic. Today, pdfCalligraph opens this world of possibilities. As the first PDF library with advanced typography support, you can create invoices in Tamil, create receipts in Arabic and process template documents with optional ligatures in Latin script, giving your documents a more formal cursive look and feel.

Beyond proper rendering

Beyond properly rendering the complex text in the document, pdfCalligraph is able to take the original content, properly render it and store the necessary information within the document to convert the text to a machine readable version, making it possible to tag, search and index your PDF.

PDF

pdfCalligraph

A world of possibilities

மௌன்னேற்றம்

Top: without pdfCalligraph, things are going wrong. Bottom: with pdfCalligraph, you produce the script as it is intended.

முன்னேற்றம்

Is your business international? Do you need to create large batches of documents in various writing systems, not just Latin text? pdfCalligraph can help.

How does it work?

pdfCalligraph automatically detects which writing system is being used in the creation of the PDF document and makes glyph substitutions based on script- and font-specific information. If necessary, it also adds information about the reading order - for instance, Arabic is read from right to left rather than left to right. It also retains the possibility to extract the text from the PDF later, all without requiring extra programming or complicated code.

Key Advantages

- Correct character rendering

- Correct font rendering

- Non-proprietary data format exchange between users of many cultures

- Allow new markets to benefit from PDF

Script types currently supported by pdfCalligraph

- Arabic
- Devanagari
- Tamil

- Gurmukhi
- Kannada

… or request a script type to be supported!

Example

Advanced Typography

See for yourself, how different text looks in multiple writing systems.

Writing System	Without Calligraph	With Calligraph	Pronunciation
Devanagari script	साहित्यकार	साहित्यकार	saahityakaar (writer)
Tamil script	எழுத்தரளார்	எழுத்தாளர்	Eluttaalar (writer)
Arabic script	الكاتب	الكاتب	al-katibu (the writer)
Latin script (optional ligatures)	writer	writer	