

# pdfCalligraph

an iText 7 add-on



pdfCalligraph

## Beyond Proper Rendering

pdfCalligraph is the first PDF library with advanced typography support. 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 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.

## 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.

முன்னேற்றம் முன்னேற்றம்  
*before* *with pdfCalligraph*

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

## 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

# 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.



## Example

### A World Of Possibilities

மன்னேற்றம்

*Without pdfCalligraph  
things are going wrong.*

முன்னேற்றம்

*With pdfCalligraph  
you produce the  
script as intended.*

### Script Types Currently Supported

- Arabic
  - Devanagari
  - Tamil
  - Gurmukhi
  - Kannada
- ... or request a script type to be supported!

### 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	எழுத்தரளர்	எழுத்தாளர்	Eluttaalar (writer)
Arabic script	الكاتب	الكاتب	al-katibu (the writer)
Latin script (optional ligatures)	writer	wri <u>te</u> er	