What is iText pdfCalligraph?

pdfCalligraph is an iText 7 add-on that allows you to expand your document workflow with global languages and writing systems, that incorporate accurate rendering and are suitable for data processing. Off-the-shelf PDF creators have problems with character interactions or writing systems such as Arabic, Hebrew, Hindi or Thai and in regards to kerning, ligatures and glyph substitutes. pdfCalligraph handles all those writing systems with ease.

Smart tip: Combining pdfRender and pdfCalligraph allows you not only recognize and render languages correctly in PDFs, but also render your PDFs as images for display without a PDF reader.

How does iText pdfCalligraph work?

The following table shows a selection of writing systems supported in pdfCalligraph, and how they are rendered.

Writing System	Without pdfCalligraph	With pdfCalligraph
Bengali script	ওহে বশ্বি	ওহে বিশ্ব
Gujarati script	હેલો વર્લ્ડ	હેલો વર્લ્ડ
Hindi script	हेलो विश्व	हेलो विश्व
Malayalam script	ഹലോ വേൾഡ്	ഹലോ വേൾഡ്
Oriya script	ନମସ୍କାର ବିଶ୍ବବାସି	ନମସ୍କାର ବିଶ୍ବବାସି
Punjabi script	ਸਤਿ ਸ੍ਰੀ ਅਕਾਲ ਦੁਨਿਆ	ਸਤਿ ਸ੍ਰੀ ਅਕਾਲ ਦੁਨਿਆ
Tamil script	ஹ்ரலோ உலகம்	ஹ்ரலோ உலகம்
Telugu script	హలో వ్రరపంచం	హలో ప్రపంచం
Thai script	สวัสดีชาวโลก	สวัสดีชาวโลก
Arabic script	مرحبا بالعالم	مرحبا بالعالم
Hebrew script	םלוע	שלום עולם

pdfCalligraph

iTEXT

Harness the power of PDF

Features

Leverage Advanced font features

Such as OpenType features, kerning, ligatures and glyph substitutes.

Transparent support for many languages

Including languages that use Arabic, Brahmic and Hebrew scripts as well as Thai and many more.

Automatic detection of language/writing system

Required font features are enabled and applied automatically. pdfCalligraph integrates seamlessly with iText 7 Core, pdfHTML, pdfRender and pdfOCR.

Typographic alignment for all writing systems

Flush left, flush right, centered and justified alignment.

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pdfCalligraph is so easy to use, you don't need a code example, it all happens
"automagically". Whenever you use complex scripts, pdfCalligraph is there to render or
extract the text properly.
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Code example

As pdfCalligraph is an iText 7 add-on, you also get all the benefits and features of iText 7 Core.

We're also developers!

In our 20 years of code, we know how important it is to have good documentation, and good processes in place. You can always find comprehensive documentation and code examples online. Commercial customers can also count on our world-class in-house customer support, offering direct access to expert assistance from our development team.

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