

GrapeCity Documents for PDF

GrapeCity Documents is a cross-platform solution for document management which aims to provide a universal document, editor and viewer solution for all popular document formats.

GrapeCity Documents for PDF library, referred to as GcPdf, is a part of GrapeCity Documents that handles majority of the PDF related needs as it conforms to a large part of Adobe PDF specification 1.7. The extensive library supported on .NET Standard 2.0, can be used to read, create, modify and save PDF files without using any external tool like Adobe Acrobat. It offers a rich feature set that allows developers to create PDF files with advanced font support and features, images, graphics, barcode, annotations, outlines, stamps, watermark and more. It also allows the developers to make changes at the document level; for example, working with document properties, page size, orientation, security and signatures, file compression, generating linearized PDF document are few to mention. Moreover, all these features are fully supported on Windows, Linux, and MAC systems.

In addition, GcPdf provides full text support in .NET Standard 2.0, despite the fact that major classes related to text and image are missing in .NET Core. This makes it a cross-platform solution for many developers looking for a PDF library to generate PDF files for multi-device applications.

Key Features

GcPdf provides many different features that enable the developers to build intuitive and professional-looking applications. The main features for GcPdf Library are as follows:

- **Generate, load, modify and save PDFs**
Using GcPdf, you can create PDF documents with simple or complex business requirements in .NET Standard applications. Moreover, you can also load, modify PDFs from any source and save them again.
- **Supported PDF versions**
GcPdf supports PDF 1.3, 1.4, 1.5, 1.6, and 1.7 and PDF/A version. Moreover, you can also set the PDF/A conformance levels.

- **Advanced text handling**

GcPdf supports standard PDF, True Type, Open Type, and WOFF fonts along with features such as automatic font embedding and subsetting. It provides full text support in libraries built for .NET Standard 2.0 target, which are system-independent and work on all supported platforms such as .NET Core, .NET Framework etc. Moreover, it provides numerous text handling features like text formatting, paragraph formatting, multiline text, text alignment, text wrap, text extract, line spacing, bidirectional text, etc. and support for multiple languages.

- **Add PDF security**

GcPdf library allows you to apply robust security while generating PDF documents. GcPdf easily protects your documents using some basic security properties like EncryptHandler, OwnerPassword, UserPassword, AllowCopyContent, AllowEditContent, AllowPrint and more. Moreover, it is also possible to secure the PDF documents by signing them digitally.

- **Incremental Update**

GcPdf supports incremental update, which among other things allows to add multiple digital signatures to a PDF document, while keeping them all valid.

- **Add form fields**

GcPdf allows you to add, modify, and delete different form fields, such as text, check box, radio buttons, signature etc., to create interactive form. With the help of form fields, you can easily create fillable forms in your PDF document.

- **Generate linearized PDF**

GcPdf allows generation of linearized PDF files to help you load your files quickly.

- **Rich set of features**

GcPdf library provides a rich set of features that allow you to generate complex PDF documents with content including text, graphics, images, annotations, outlines and more.