

UniPDF – PDF for Go

[UniDoc \(http://unidoc.io\)](http://unidoc.io)'s UniPDF (formerly unidoc) is a PDF library for Go (golang) with capabilities for creating and reading, processing PDF files. The library is written and supported by [FoxyUtils.com \(https://foxyutils.com\)](https://foxyutils.com), where the library is used to power many of its services.

build **passing**

<https://app.wercker.com/project/bykey/22b50db125a6d376080f3f0c80d085fa>

release **v3.0.3** (<https://github.com/unidoc/unipdf/releases>)

License **Dual AGPL v3/Commercial** (<https://www.gnu.org/licenses/agpl-3.0>)

go report **A+** (<https://goreportcard.com/report/github.com/unidoc/unipdf>)

godoc **reference** (<https://godoc.org/github.com/unidoc/unipdf>)

Features

- [Create PDF reports \(https://github.com/unidoc/unipdf-examples/blob/v3/report/pdf_report.go\)](https://github.com/unidoc/unipdf-examples/blob/v3/report/pdf_report.go)
- [Invoice creation \(https://unidoc.io/news/simple-invoices\)](https://unidoc.io/news/simple-invoices)
- Advanced table generation in the creator with subtable support
- Paragraph in creator handling multiple styles within the same paragraph
- [Merge PDF pages \(https://github.com/unidoc/unipdf-examples/blob/v3/pages/pdf_merge.go\)](https://github.com/unidoc/unipdf-examples/blob/v3/pages/pdf_merge.go)
- [Split PDF pages \(https://github.com/unidoc/unipdf-examples/blob/v3/pages/pdf_split.go\)](https://github.com/unidoc/unipdf-examples/blob/v3/pages/pdf_split.go) and change page order
- [Rotate pages \(https://github.com/unidoc/unipdf-examples/blob/v3/pages/pdf_rotate.go\)](https://github.com/unidoc/unipdf-examples/blob/v3/pages/pdf_rotate.go)
- [Extract text from PDF files \(https://github.com/unidoc/unipdf-examples/blob/v3/text/pdf_extract_text.go\)](https://github.com/unidoc/unipdf-examples/blob/v3/text/pdf_extract_text.go)
- [Extract images \(https://github.com/unidoc/unipdf-examples/blob/v3/image/pdf_extract_images.go\)](https://github.com/unidoc/unipdf-examples/blob/v3/image/pdf_extract_images.go) with coordinates
- [Images to PDF \(https://github.com/unidoc/unipdf-examples/blob/v3/image/pdf_images_to_pdf.go\)](https://github.com/unidoc/unipdf-examples/blob/v3/image/pdf_images_to_pdf.go)
- [Add images to pages \(https://github.com/unidoc/unipdf-examples/blob/v3/image/pdf_add_image_to_page.go\)](https://github.com/unidoc/unipdf-examples/blob/v3/image/pdf_add_image_to_page.go)
- [Compress and optimize PDF \(https://github.com/unidoc/unipdf-examples/blob/v3/compress/pdf_optimize.go\)](https://github.com/unidoc/unipdf-examples/blob/v3/compress/pdf_optimize.go)
- [Watermark PDF files \(https://github.com/unidoc/unipdf-examples/blob/v3/image/pdf_watermark_image.go\)](https://github.com/unidoc/unipdf-examples/blob/v3/image/pdf_watermark_image.go)
- Advanced page manipulation (blocks/templates)
- Load PDF templates and modify
- [Form creation \(https://github.com/unidoc/unipdf-examples/blob/v3/forms/pdf_form_add.go\)](https://github.com/unidoc/unipdf-examples/blob/v3/forms/pdf_form_add.go)
- [Fill and flatten forms \(https://github.com/unidoc/unipdf-examples/blob/v3/forms/pdf_form_flatten.go\)](https://github.com/unidoc/unipdf-examples/blob/v3/forms/pdf_form_flatten.go)
- [Fill out forms \(https://github.com/unidoc/unipdf-examples/blob/v3/forms/pdf_form_fill_json.go\)](https://github.com/unidoc/unipdf-examples/blob/v3/forms/pdf_form_fill_json.go) and [PDF merging](#)

https://github.com/unidoc/unipdf-examples/blob/v3/forms/pdf_form_fill_fdf_merge.go

- [Unlock PDF files / remove password \(https://github.com/unidoc/unipdf-examples/blob/v3/security/pdf_unlock.go\)](https://github.com/unidoc/unipdf-examples/blob/v3/security/pdf_unlock.go)
- [Protect PDF files with a password \(https://github.com/unidoc/unipdf-examples/blob/v3/security/pdf_protect.go\)](https://github.com/unidoc/unipdf-examples/blob/v3/security/pdf_protect.go)
- [Digital signing validation and signing \(https://github.com/unidoc/unipdf-examples/tree/v3/signatures\)](https://github.com/unidoc/unipdf-examples/tree/v3/signatures)
- CCITTFaxDecode decoding and encoding support

Multiple examples are provided in our example repository <https://github.com/unidoc/unidoc-examples> as well as [documented examples \(https://unidoc.io/examples\)](https://unidoc.io/examples) on our website.

Contact us if you need any specific examples.

News

- unidoc has been renamed to unipdf and is maintained under <https://github.com/unidoc/unipdf>
- The old repository remains under <https://github.com/unidoc/unidoc> for backwards compatibility and will be read-only. All development is under the unipdf repository.
- The initial release of unipdf v3.0.0 is compatible with Go modules from the start.

Installation

With modules:

```
go get github.com/unidoc/unipdf/v3
```

With GOPATH:

```
go get github.com/unidoc/unipdf/...
```

How can I convince myself and my boss to buy unipdf rather using a free alternative?

The choice is yours. There are multiple respectable efforts out there that can do many good things.

In UniDoc, we work hard to provide production quality builds taking every detail into consideration and providing excellent support to our customers. See our [testimonials \(https://unidoc.io\)](https://unidoc.io) for example.

Security. We take security very seriously and we restrict access to github.com/unidoc/unipdf repository with protected branches and only the founders have access and every commit is reviewed prior to being accepted.

The profits are invested back into making unipdf better. We want to make the best possible product and in order to do that we need the best people to contribute. A large fraction of the profits made goes back into developing unipdf. That way we have been able to get many excellent

people to work and contribute to unipdf that would not be able to contribute their work for free.

Contributing

CLAs signed **0** (<https://cla-assistant.io/unidoc/unipdf>)

All contributors must sign a contributor license agreement before their code will be reviewed and merged.

Support and consulting

Please email us at support@unidoc.io for any queries.

If you have any specific tasks that need to be done, we offer consulting in certain cases. Please contact us with a brief summary of what you need and we will get back to you with a quote, if appropriate.

Licensing Information

This library (unipdf) has a dual license, a commercial one suitable for closed source projects and an AGPL license that can be used in open source software.

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- shipping unipdf with a closed source product

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Out of the box – unipdf is unlicensed and outputs a watermark on all pages, perfect for prototyping.

To use unipdf in your projects, you need to get a license.

Get your license on <https://unidoc.io>.

To load your license, simply do:

```
unidocLicenseKey := "... your license here ..."  
err := license.SetLicenseKey(unidocLicenseKey)  
if err != nil {  
    fmt.Printf("Error loading license: %v\n", err)  
    os.Exit(1)  
}
```