

tex2pdf Usage

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Contents

1	About	2
2	Requirements	3
2.1	Install TeXLive	3
2.2	Install minted	3
2.3	Install pygments	3
3	Usage	4

1 About

tex2pdf is a Golang package used to compile Tex files to a PDF via XeLatex Engine.

2 Requirements

2.1 Install [TexLive](#)

tex2pdf calls ‘xelatex’ command which comes with installation of TexLive. Download and Install TexLive with “scheme-full” is recommended.

2.2 Install [minted](#)

minted package is used for code highlighting. Our test case includes compiling ‘.tex’ file which uses minted for code highlighting(“src/02-usage.tex”). TexLive Installation with “scheme-full” already includes minted package.

2.3 Install [pygments](#)

pygments which is required by minted.

3 Usage

```
package main

import (
    "fmt"
    "log"
    "path/filepath"

    "github.com/northbright/tex2pdf"
)

func main() {
    // Open DEBUG mode if need.
    //tex2pdf.DebugMode = true

    texFile := "src/my_book.tex"

    // Compile a tex file to PDF.
    pdf, err := tex2pdf.Tex2PDF(texFile)
    if err != nil {
        log.Printf("Tex2PDF() error: %v", err)
        return
    }

    fmt.Printf("Tex2PDF OK, output pdf: %v\n", filepath.Base(pdf))

    // Output:
    //Tex2PDF OK, output pdf: my_book.pdf
}
```