tex2pdf Usage

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1 About

tex2pdf is a Golang package used to compiles 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(”scheme-full” is recommended).

2.2 Install minted package and pygments

minted package is used for code highlighting. Our test case includes compiling ‘.tex‘ file which uses minted for code highlighting(”src/02-usage.tex”).

1. Download and Install pygments which is reqiured by minted.
2. Install minted package is if need. TexLive Installation with ”scheme-full” includes minted package.

3 Usage

```go
package main

import (
        "fmt"
        "log"

        "github.com/northbright/tex2pdf"
)

func main() {
        // Use DEBUG mode.
        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", pdf)

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