

unpdf: bash - Konsole

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```
unpdf.nvim  
~/Source/projects/unpdf/...  
0 git  
0 github  
0 # output  
0 resources  
0 x src  
0 page  
0 lib.rs  
0 main.rs  
0 gtfignore  
0 Cargo.lock  
0 Cargo.toml  
0 README.md
```

```
}  
log::debug!("main : total images {}", images.len());  
  
for (i, o) in images.iter().enumerate() {  
    let img = match *o {  
        Object::ImageRef{ia} => ia,  
        _ => continue,  
    };  
  
    log!(data, filter) = img.raw_image_data(&file)?;  
  
    use StreamFilter::*;  
  
    let ext = match filter {  
        Some(OTCDecode(_)) => "jpeg",  
        Some(JBIGDecode) => "jbig2",  
        Some(JPACodec) => "jpgk",  
        _ => {  
            let decoder = png::Decoder::new(Cursor::new(data));  
  
            let mut reader = decoder.read_info().unwrap();  
            // Allocate the output buffer.  
            let mut buf = vec![0; reader.output_buffer_size()];  
            // Read the next frame, no more than some multiple frames.  
            let info = reader.next_frame(&mut buf).unwrap();  
            // Grab the bytes of the image  
            let bytes = &buf[..info.buffer_size()]; // if this is listen  
            continue;  
        }  
    };  
  
    log::debug!("Detected format : {ext}");  
  
    let fname = format!("extracted_image_{}.{}", i, ext);  
  
    let dir_file = out_dir.join(fname.clone());  
  
    fs::write(dir_file, data);  
  
    log::debug!("main : wrote output file");  
  
    Ok(())  
}
```

nvim@tim-lx: 127.0 NORMAL main | Wt 0.1 main.rs ufb-0 | unix | rust | 91% 117/1

~/Source/projects/unpdf/src/main.rs 128L, 3388R written

unpdf.bash

```
Compiling unpdf v0.1.0 (/home/omkar/Source/projects/unpdf)  
warning: unused variable: 'bytes'  
--> src/main.rs:110:21  
  
110 |         let bytes = &buf[..info.buffer_size()];  
      |             ^^^^^ help: if this is intentional, prefix it with an underscore: "_bytes"  
  
= note: #[warn(unused_variables)] on by default  
  
warning: function `init_log` is never used  
--> src/main.rs:40:4  
  
40 | fn init_log(args: &Args) => env_logger::Builder {  
   | ^^^^^^^^  
  
= note: #[warn(dead_code)] on by default  
  
warning: `unpdf` (bin `unpdf`) generated 2 warnings (run `cargo fix --bin `unpdf`` to apply 1 suggestion)  
Finished dev [unoptimized + debuginfo] target(s) in 1.67s  
Running `target/debug/unpdf resources/sample.pdf`  
2023-04-23T09:10:45Z DEBUG unpdf: main : total images 2  
2023-04-23T09:10:45Z DEBUG unpdf: Detected format : jpeg  
2023-04-23T09:10:45Z DEBUG unpdf: main : wrote output file  
2023-04-23T09:10:45Z DEBUG unpdf: Detected format : jpeg  
2023-04-23T09:10:45Z DEBUG unpdf: main : wrote output file  
omkar@omkar-kubuntu: ~/Source/projects/unpdf/mv -D/downloads/sample3.pdf resources/  
mv: cannot stat '/home/omkar/Downloads/sample3.pdf': No such file or directory  
omkar@omkar-kubuntu: ~/Source/projects/unpdf/mv ~/Downloads/Sample3.pdf resources/  
omkar@omkar-kubuntu: ~/Source/projects/unpdf mv resources/sample3.pdf resources/sample3.pdf  
omkar@omkar-kubuntu: ~/Source/projects/unpdf cargo run -- resources/sample3.pdf  
warning: unused variable: 'bytes'  
--> src/main.rs:110:21  
  
110 |         let bytes = &buf[..info.buffer_size()];  
      |             ^^^^^ help: if this is intentional, prefix it with an underscore: "_bytes"  
  
= note: #[warn(unused_variables)] on by default  
  
warning: function `init_log` is never used  
--> src/main.rs:40:4  
  
40 | fn init_log(args: &Args) => env_logger::Builder {  
   | ^^^^^^^^  
  
= note: #[warn(dead_code)] on by default  
  
warning: `unpdf` (bin `unpdf`) generated 2 warnings (run `cargo fix --bin `unpdf`` to apply 1 suggestion)  
Finished dev [unoptimized + debuginfo] target(s) in 0.85s  
Running `target/debug/unpdf resources/sample3.pdf`  
2023-04-23T09:14:14Z DEBUG unpdf: main : total images 1  
thread 'main' panicked at 'called `Result::unwrap()` on an `Err` value: Format(FormatError { inner: InvalidSignature })': src/main.rs:104:54  
note: run with `RUST_BACKTRACE=1` environment variable to display a backtrace  
omkar@omkar-kubuntu: ~/Source/projects/unpdf/
```