

1. Run Binwalk on pdf file to extract known files (with “-Me”) embedded into the pdf file:

```
(kali㉿kali-vm)-[~/Desktop/SHC]  
$ binwalk -Me original.pdf
```

2. Cd into extracted file(s) directory and cat first file:

```
(kali㉿kali-vm)-[~/Desktop/SHC]  
$ ls  
ctf_bundle_1_3  _original.pdf-0.extracted  
original.pdf    _original.pdf.extracted  
  
(kali㉿kali-vm)-[~/Desktop/SHC]  
$ cd _original.pdf.extracted  
  
(kali㉿kali-vm)-[~/Desktop/SHC/_original.pdf.extracted]  
$ ls  
171CA9 176CE7 1806E3 181E7E 2821 39DC 4AA7 5E6 6A2 76E9 962 BC1  
1768E0 177D15 181406 1F0 3263 3E9 4E8 6209 75D 864 A61 zlib  
  
(kali㉿kali-vm)-[~/Desktop/SHC/_original.pdf.extracted]  
$ cat 171CA9
```

3. Get flag from output of file:

```
SCS21{W3lc0me.t0.0ur.W0rld}  
  
(kali㉿kali-vm)-[~/Desktop/SHC/_original.pdf.extracted]  
$
```