

Environment:

Ubuntu 16-64bit

Required library:

sudo apt-get install texlive-full

Run code:

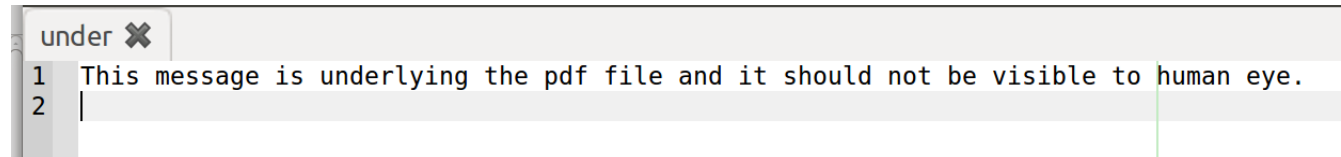
```
cd /path_to_contextMaskAttack  
python content_switich <under> <show>
```

#<under> is the text that are underlying the PDF

#<show> is the text that are shown to human eye

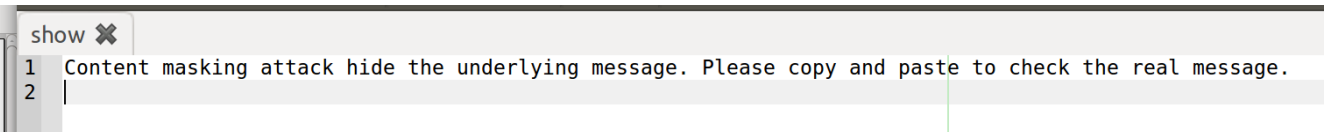
Example:

<under> file:

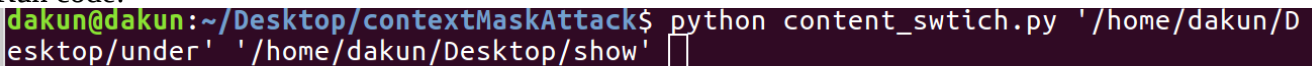


```
under ✕  
1 This message is underlying the pdf file and it should not be visible to human eye.  
2
```

<show> file:



```
show ✕  
1 Content masking attack hide the underlying message. Please copy and paste to check the real message.  
2
```

Run code:

```
dakun@dakun:~/Desktop/contextMaskAttack$ python content_switich.py '/home/dakun/Desktop/under' '/home/dakun/Desktop/show'
```

This example is also attached in the zip file.

Note:

Further optimization might be needed to reduce the number of font file. Also some special character, such as ‘\’ is not handled in this code.