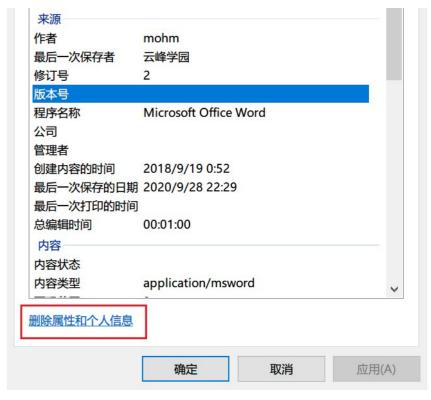# A Guide to Eliminate Your Personal Info from Your Report

RZ Pan @ ZJU

MS Word/PPT/Excel

- "Author" attribute
- "Last Modified By" attribute

- Right-click on the file, "Attribute (R)", Click on the "Details" Tab

- Solution: Click "Remove Attribute and Personal Info" which can be found at the bottom of the "Details" Tab
- Don't make further edit, or you'll need to clear these attributes again!

Image

- JPEG EXIF –Solution: Ditto
  - Shot on a phone: GPS Info, phone manufacturer, etc.
- Screenshots might contain sensitive information, such as the path of your .exe (shown in cmd title bar)

```
$ strings 1.jpg | head -n 11
Adobe
'JExif
NIKON CORPORATION
NIKON D7200
Adobe Photoshop CC (Windows)
2019:07:10 23:07:41
0221
2019:06:27 17:25:44
2019:06:27 17:25:44
8120437
105.0 mm f/2.8
```

来源	
作者	
拍摄日期	2019/6/27 17:25
程序名称	Adobe Photoshop CC (Windows)
获取日期	
版权	

图像	

照相机	
照相机制造商	NIKON CORPORATION
照相机型号	NIKON D7200
光圈值	f/3
曝光时间	1/160 秒
ISO 速度	ISO-320
曝光补偿	-0.3 步骤
焦距	105 毫米
最大光圈	3.1
测光模式	图案
目标距离	
闪光灯模式	无闪光，强制
闪光灯能量	
35mm 焦距	157

Visual Studio

- .sln, .vcxproj, -.filters, -.user
  - (Possible) IncludePath attribute
- .vs folder
  - (Possible) slnx.sqlite database, can be opened with sqlite3
- Debug folder
  - Name.log
  - **Name.pdb**

- Solution: Delete Debug/, double-check .sln & .vs/, etc.

```
<PropertyGroup Condition="'$(Configuration)|$
(Platform)'=='Debug|Win32'">
    <LinkIncremental>true</LinkIncremental>
    <IncludePath>$(VC_IncludePath);$
(WindowsSDK_IncludePath);.\include\</IncludePath>
  </PropertyGroup>
```

FileSystemEntityId	Name	ParentFileSystemEntityId	IsFile	LastObserved
过滤	过滤	过滤	过滤	过滤
1	.vs	NULL	0	637542385807238237
2	drawutil.c	NULL	1	637542385807238237
3	include	NULL	0	637542385807238237
4	libgraphics	NULL	0	637542385807238237
5	main.c	NULL	1	637542385807238237
6	exception.h	3	1	637542385807238237
7	extgraph.h	3	1	637542385807238237
8	gcalloc.h	3	1	637542385807238237

exp07.log - 记事本

文件(F) 编辑(E) 格式(O) 查看(V) 帮助(H)

```
  main.c
d:\work\code\c\graphic\exp07-2\main.c(101): warning C4090: "函数": 不同的"const"限定
d:\work\code\c\graphic\exp07-2\main.c(117): warning C4090: "函数": 不同的"const"限定
d:\work\code\c\graphic\exp07-2\main.c(143): warning C4090: "函数": 不同的"const"限定
d:\work\code\c\graphic\exp07-2\main.c(153): warning C4090: "函数": 不同的"const"限定
  exp07.vcxproj -> D:\Work\Code\C\graphic\exp07-2\Debug\exp07.exe
```

17	17 graphics.c	4	1	637542385807238237
18	18 imgui.c	4	1	637542385807238237
19	19 random.c	4	1	637542385807238237
20	20 simpio.c	4	1	637542385807238237
21	21 strlib.c	4	1	637542385807238237
22	22 exp07.vcxproj	NULL	1	637542386318574471

PDB: cvdump.exe


```
PS D:\Work\Code\C\graphic\exp07-2\Debug> .\cvdump.exe .\exp07.pdb | grep Module: | grep -v from
** Module: "D:\Work\Code\C\graphic\exp07-2\Debug\main.obj"
** Module: "D:\Work\Code\C\graphic\exp07-2\Debug\strlib.obj"
** Module: "D:\Work\Code\C\graphic\exp07-2\Debug\simpio.obj"
** Module: "D:\Work\Code\C\graphic\exp07-2\Debug\random.obj"
** Module: "D:\Work\Code\C\graphic\exp07-2\Debug\imgui.obj"
** Module: "D:\Work\Code\C\graphic\exp07-2\Debug\graphics.obj"
** Module: "D:\Work\Code\C\graphic\exp07-2\Debug\genlib.obj"
** Module: "D:\Work\Code\C\graphic\exp07-2\Debug\exception.obj"
** Module: "D:\Work\Code\C\graphic\exp07-2\Debug\drawutil.obj"
** Module: "D:\Work\Code\C\graphic\exp07-2\Debug\main.obj"
** Module: "D:\Work\Code\C\graphic\exp07-2\Debug\strlib.obj"
** Module: "D:\Work\Code\C\graphic\exp07-2\Debug\simpio.obj"
** Module: "D:\Work\Code\C\graphic\exp07-2\Debug\random.obj"
** Module: "D:\Work\Code\C\graphic\exp07-2\Debug\imgui.obj"
** Module: "D:\Work\Code\C\graphic\exp07-2\Debug\graphics.obj"
** Module: "D:\Work\Code\C\graphic\exp07-2\Debug\genlib.obj"
```

Dev C++

- .dev file

```
[Project]
FileName=expSort.dev
Name=expSort
Type=0
Ver=2
ObjFiles=
Includes="D:\Work\Code\C\graphic\exp08 - 副本 \include"
```

- Solution: Double-check .dev file, make sure no absolute path is included

Visual Studio Code

- .vscode folder
  - "miDebuggerPath": "C:\\Program Files\\mingw-w64\\x86_64-8.1.0-posix-seh-rt_v6-rev0\\mingw64\\bin\\gdb.exe",
  - "args": [
  - "${workspaceFolder}\\task2\\libgraphics\\exception.c",
  - "${workspaceFolder}\\task2\\libgraphics\\genlib.c",

- Solution: Delete .vscode/

.DS_Store

```
$ ds_store_exp.py http://hd.zj.qq.com/themes/galaxyw/.DS_Store
hd.zj.qq.com/
└── themes
    └── galaxyw
        ├── app
        │   └── css
        │       └── style.min.css
        ├── cityData.min.js
        ├── images
        │   └── img
        │       ├── bg-hd.png
        │       ├── bg-item-activity.png
        │       ├── bg-masker-pop.png
        │
```

• Solution: Delete .DS_Store file before compressing/uploading your file

.md

- If you use specific platforms as your image bed, your personal info might be leaked
  - Retrieve weibo uid (--> user homepage) from image link
  - https://www.cnblogs.com/idjl/p/9610593.html
- Or, you use your self-hosted image bed
  - image.me.com --> me.com, blog.me.com, ...
  - site:me.com inurl:me.com
- Also, .md might leak path info if you import any image by specifying its absolute path
  - Example: ![Image](C:\Users\username\Desktop\MyImage\1.jpg)
- Solution: Submit .pdf, not .md

Git

- .git folder
  - upstream url: can get your GitHub/Gitlab account
  - Username & email if you use `git config --local`
  - Also, `git log`

- Solution: Delete .git

Conclusion

- Submit less files
- Use pdf if possible
- If you have to submit Word/PPT/Excel, see page 3 for steps to create an anonymous copy