

# 删除无用png文件

## 1. python程序

python3代码，可直接在qnap上运行。

```
[~] # cat ./del_unused_png_in_wiki.py
#!/usr/bin/env python3
# -*- coding: UTF-8 -*-
import re
import sys
import os
import os.path

file_list = []

def search(path):
    for entry in os.scandir(path):
        if entry.is_file():
            file_list.append(entry.path)
            #print(entry.path)
        else:
            search(path+'/'+str(entry.name))

if __name__ == '__main__':
    #path = sys.argv[1]
    path = "/share/Web/wiki/data/media"
    search(path)
    for tmp in file_list:
        if (re.search(r'pasted', tmp) == None):
            continue
        if (re.search(r'png', tmp) == None):
            continue

        name = os.path.basename(tmp)
        #print(f'tmp = {tmp}, name = {name}')
        ret = os.system(f'grep {name} /share/Web/wiki/data/pages/* -r -q')
        #print(f'ret = {ret}')
        if (ret != 0):
            print(f'rm -rf {tmp}')

[~] #
[~] # source /etc/profile.d/python3.bash
[~] # python3 ./del_unused_png_in_wiki.py
[~] #
[~] #
```

## 2. perl程序

执行下面这个perl脚本，为显示出未使用的png文件，然后可以手动将其删除。

```
#!/usr/bin/perl
use File::Basename;

$wiki_path = "/var/www/html/dokuwiki";

$findret = `find $wiki_path/data/media -name *.png`;
@ar = split(/\n/, $findret);

foreach $line (@ar) {
    $name = &basename($line);

    $ret = `grep $name $wiki_path/data/pages/* -r`;
    if ($ret eq "") {
        print "rm -rf $line\n";
    }
}
```