

script_example

November 8, 2022

```
[1]: import json
      from os import listdir
      from transform_scan import TransformNmapScan

      TRANSFORM = TransformNmapScan()
```

1 Transform sl result scan

```
[2]: sl_files = [file for file in listdir('lab_scan_result') if 'sl' in file]
```

```
[9]: for sl_name in sl_files:
      with open(f"lab_scan_result/{sl_name}") as f:
          sl_res = f.read()
          sl_transform = TRANSFORM.transform_sl(sl_string=sl_res)
          file_name = sl_name.split('.')[0] + '.json'
          with open(f'transform_sl/{file_name}', 'w') as f:
              json.dump(sl_transform, f)
```

2 Transform sn result scan

```
[5]: sn_path = 'lab_scan_result/skan_sN_112_0_24.txt'

      with open(sn_path, 'r') as f:
          sn_res = f.read()

      sn_transform = TRANSFORM.transform_sn(sn_res)

      with open('transform_sn/skan_sN_112_0_24.json', 'w') as f:
          json.dump(sn_transform, f)
```

3 Transform ss result scan

```
[15]: ss_path = 'lab_scan_result/test_cer_sS.txt'

with open(ss_path, 'r') as f:
    ss_res = f.read()

ss_transfrom = TRANSFORM.transform_ss(ss_res)

with open('trasnfrom_ss/test_cer_sS.json', 'w') as f:
    json.dump(ss_transfrom, f)
```

```
[2]: from nmap_scan import NmapScan

SCAN = NmapScan()
```

4 Realize sl scan for home network

```
[6]: sl_result = SCAN.nmap_sl_scan('192.168.0/24')

with open('sl_scan_result/192_168_0_24.json', 'w') as f:
    json.dump(sl_result, f)
```

5 Realize sn scan for home network

```
[7]: sn_result = SCAN.nmap_sn_scan('192.168.0/24')

with open('sn_scan_result/192_168_0_24_sn.json', 'w') as f:
    json.dump(sn_result, f)
```

6 Realize ss scan for home network

```
[3]: ss_result = SCAN.nmap_ss_scan('192.168.0/24', '')

with open('ss_scan_result/192_168_0_24_ss.json', 'w') as f:
    json.dump(ss_result, f)
```

```
[sudo]          uladzimir:
```