Solution 2

```
def fun (n, d, c):
    for key in n.keys():
        if type(n[key]) == int:
            Dic[((c+'.'+key).strip('.')] = n[key]
        else:
            Dic = fun(nested n[key], d, (c+'.'+key).strip
                                                    ()

    return Dic

def fun-dic(n):
    return fun(n, dict(), "")

def main():
    n = {
        'key': 3,
        'foo': {
            'a': 5,
            'bar': {
                'baz': 8
            }
        }
    }

    dict = fun_dic(n)
    print(dict)
if name == "main":
    main()
```