

SysAdmin Cookbook

<http://sysadmin-cookbook.rot13.org>

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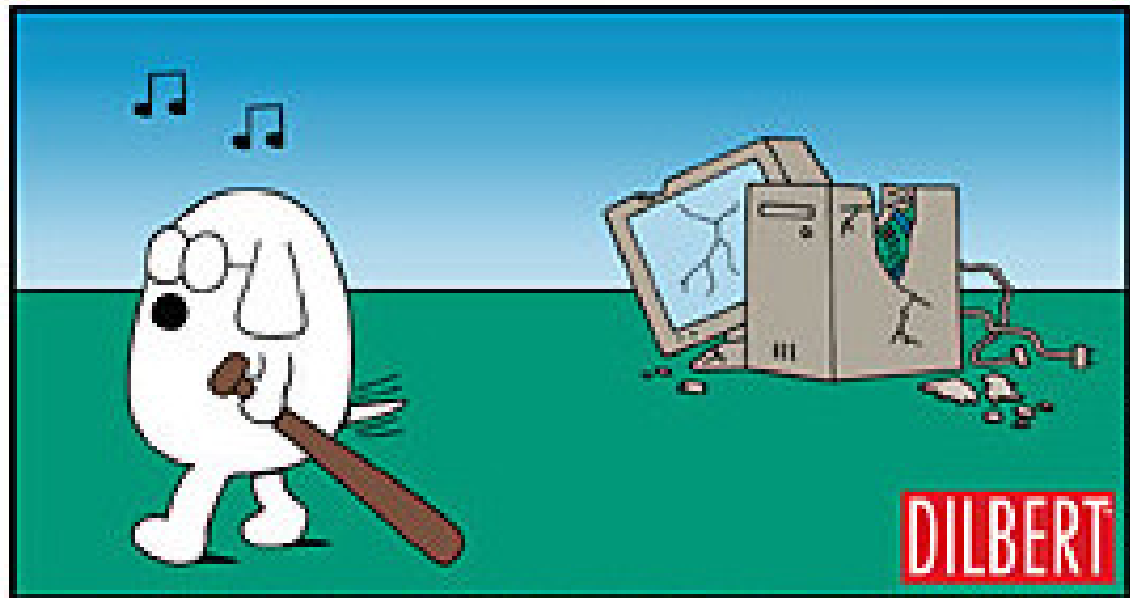
<http://blog.rot13.org>

DORS/CLUC 2012 lightning talk



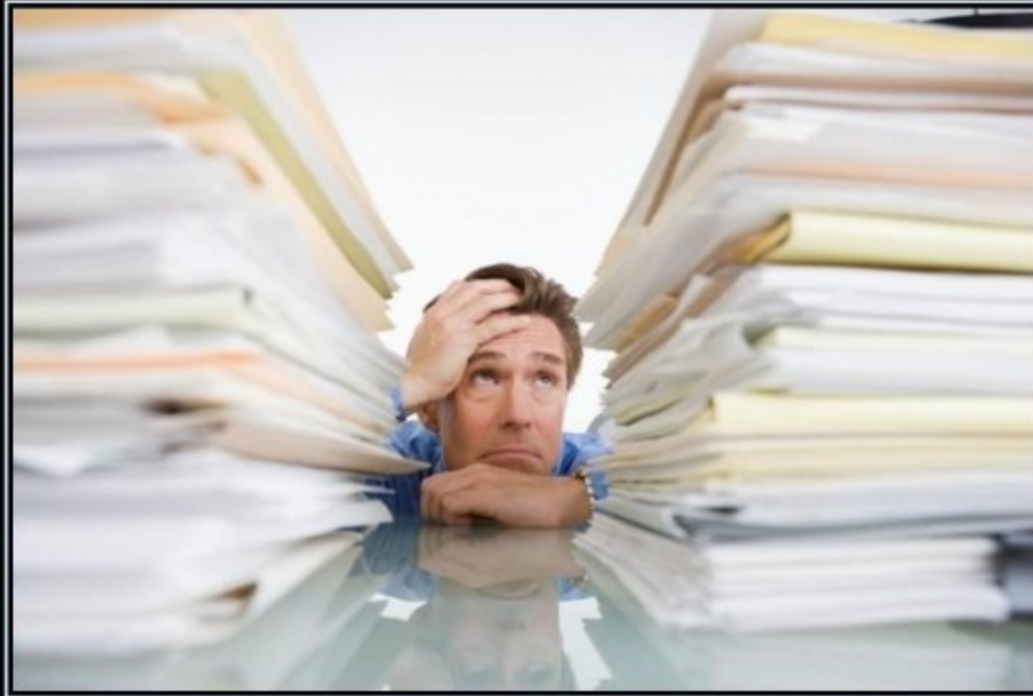
Nobody **likes** writing documentation...

THE NETWORK IS DOWN!



...**BUT I'M FEELING BETTER.**

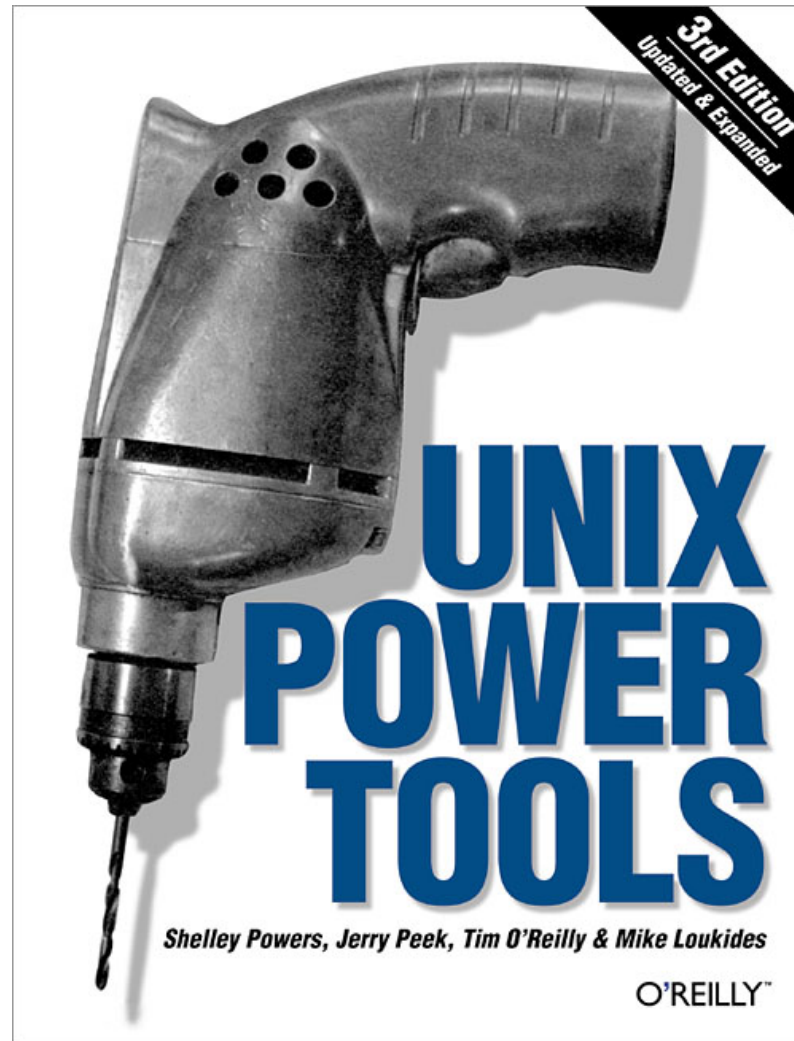
...but we have to...



RESPONSIBILITY

Relax. If your job really mattered to the company,
wouldn't they have someone better doing it?

...can we do something about it?



Document using conventions

```
dpavlin@t61p:/srv/sysadmin-cookbook/recepies/openvpn$ ls -al
total 40
drwxr-xr-x  3 root    root  4096 Aug 17  2010 .
drwxr-xr-x 61 dpavlin root  4096 Apr  1 21:57 ..
-rwxr-xr-x  1 root    root   24 Aug 17  2010 0.install.sh
-rwxr-xr-x  1 root    root  138 Aug 17  2010 1.on-server.generate-static-key.sh
lrwxrwxrwx  1 root    root   26 Dec 23  2010 2 -> /etc/openvpn/tap_home.conf
-rw-r--r--  1 root    root   91 Aug 17  2010 2.on-client.create
-rw-r--r--  1 root    root   66 Aug 17  2010 2.on-server.create
lrwxrwxrwx  1 root    root   24 Dec 23  2010 3 -> /etc/openvpn/tap_home.sh
-rwxr-xr-x  1 root    root  131 Aug 17  2010 3.on-client.create
-rwxr-xr-x  1 root    root   48 Aug 17  2010 3.on-server.create
lrwxrwxrwx  1 root    root   23 Dec 23  2010 4 -> /etc/network/interfaces
-rw-r--r--  1 root    root   61 Aug 17  2010 4.append
drwxr-xr-x  6 root    root  4096 Feb  9 21:11 .svn
dpavlin@t61p:/srv/sysadmin-cookbook/recepies/openvpn$ cat 0.install.sh
apt-get install openvpn
dpavlin@t61p:/srv/sysadmin-cookbook/recepies/openvpn$ █
```

- number.title
- symlinks to filesystem, diff friendly
- VCS for messages and history

openvpn ← directory

install ← filename without number

- install openvpn ← commit message

2010-05-11 18:34

[openvpn/0.install.sh](#) ← download link if executable

```
apt-get install openvpn ← content
```

on server.generate static key

- generate static key on server
- generate static key on server

2010-05-11 18:42

2010-05-13 13:49

[openvpn/1.on-server-generate-static-key.sh](#)

```
#!/bin/sh -x
KEY=/etc/openvpn/`hostname`.key
test -f $KEY && ls -al $KEY || openvpn --genkey --secret $KEY
echo "transfer $KEY to client"
```

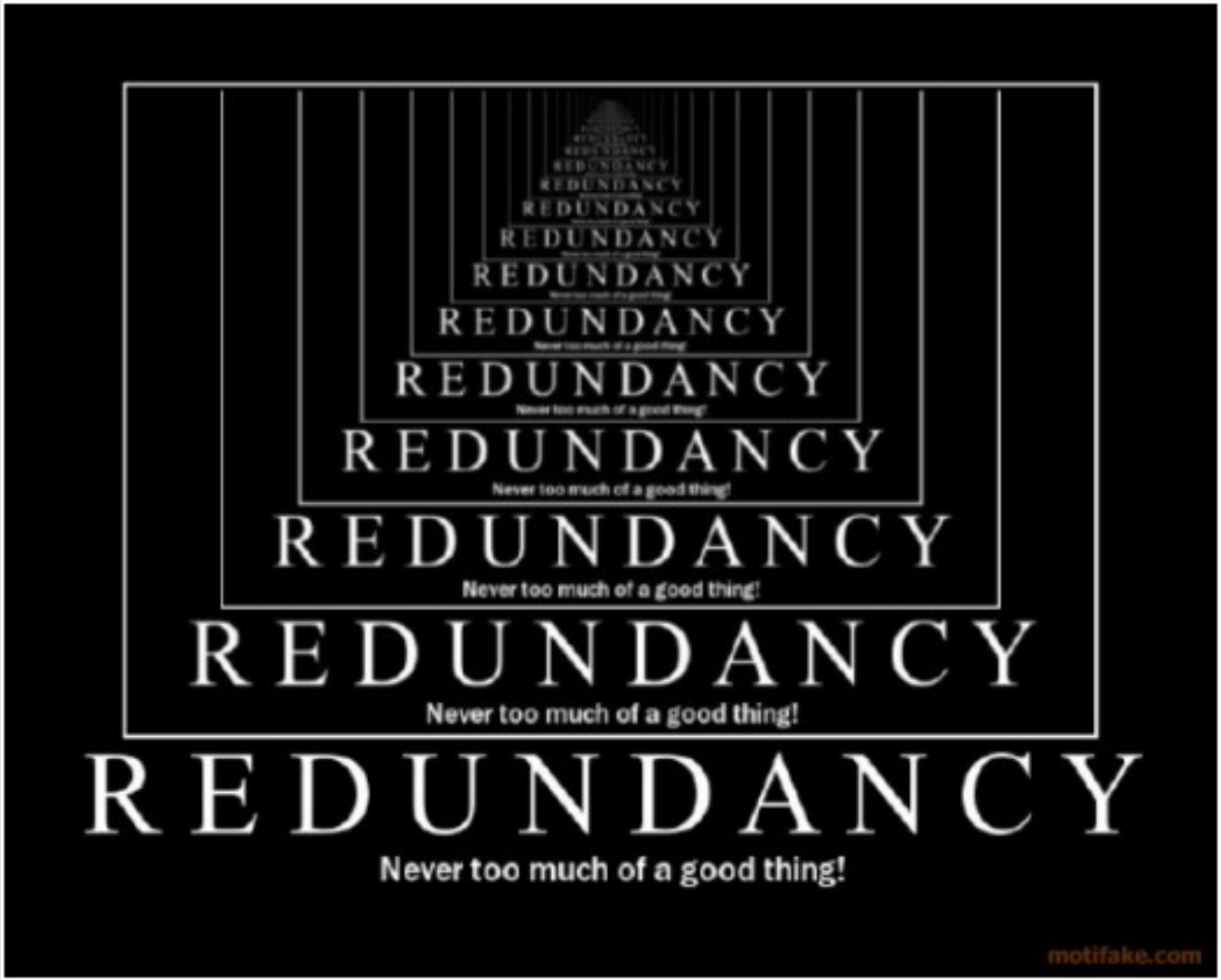
on client.create /etc/openvpn/tap_home

- create client configuration

2010-05-13 13:52

```
remote 123.123.123.123
secret prod.key
comp-lzo
dev tap_home
up "/etc/openvpn/tap_home.sh"
```

on server



Redundant Redundancy Is Redundant

