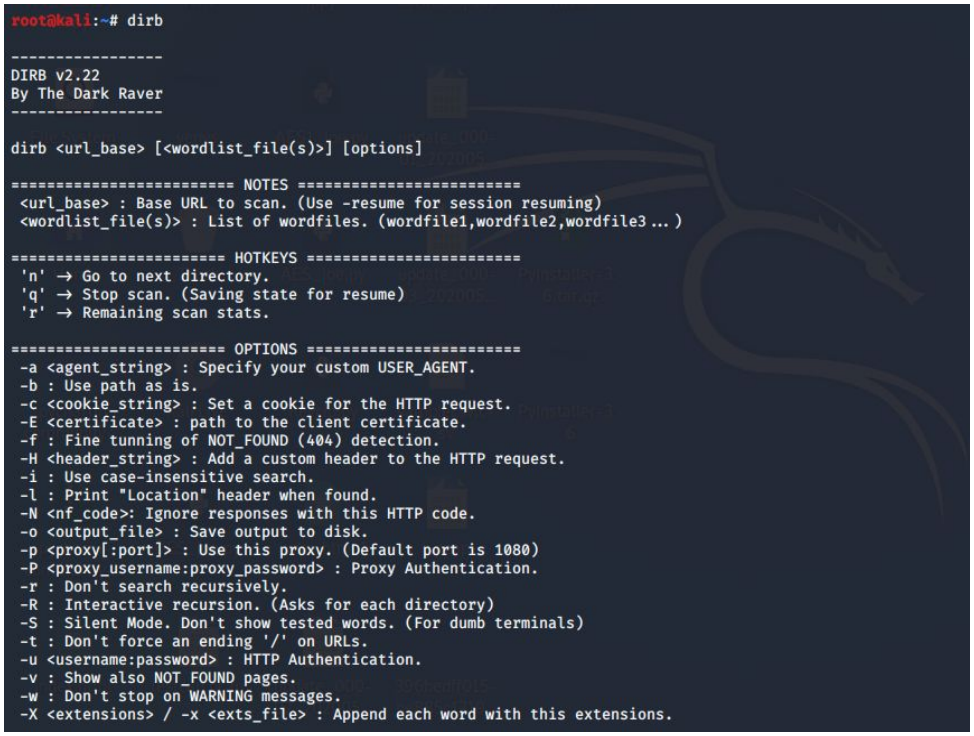
“DIRB”

---S.JOE MATHEW
(192IT159)

Dirb is a CLI directory buster which checks all the possible directories in the website from the wordlist given by dirb.When we type **dirb** all options are shown.



USAGE:

1.Common usage is **dirb http://testphp.vulnweb.com** list all possible directories in the website from the default wordlist **common.txt**

```
root@kali:/usr/share/wordlists/dirb# dirb http://testphp.vulnweb.com

-----------------
DIRB v2.22
By The Dark Raver
-----------------

START_TIME: Sun Jun 28 19:19:12 2020
URL_BASE: http://testphp.vulnweb.com/
WORDLIST_FILES: /usr/share/dirb/wordlists/common.txt

-----------------

GENERATED WORDS: 4612

---- Scanning URL: http://testphp.vulnweb.com/ ----
==> DIRECTORY: http://testphp.vulnweb.com/admin/
^[[A^[[A^[[A^[[A^[[A^[[A^[[A^[[A^[[A^[[A^[[A^[[A
+ http://testphp.vulnweb.com/cgi-bin (CODE:403|SIZE:263)
+ http://testphp.vulnweb.com/cgi-bin/ (CODE:403|SIZE:263)
+ http://testphp.vulnweb.com/crossdomain.xml (CODE:200|SIZE:224)
==> DIRECTORY: http://testphp.vulnweb.com/CVS/
+ http://testphp.vulnweb.com/CVS/Entries (CODE:200|SIZE:1)
+ http://testphp.vulnweb.com/CVS/Repository (CODE:200|SIZE:8)
+ http://testphp.vulnweb.com/CVS/Root (CODE:200|SIZE:1)
+ http://testphp.vulnweb.com/favicon.ico (CODE:200|SIZE:894)
==> DIRECTORY: http://testphp.vulnweb.com/images/
+ http://testphp.vulnweb.com/index.php (CODE:200|SIZE:4958)
==> DIRECTORY: http://testphp.vulnweb.com/pictures/
==> DIRECTORY: http://testphp.vulnweb.com/secured/
```

2.There are also many wordlist in **usr/share/dirb/wordlists**

```
root@kali:/usr/share/dirb/wordlists# ls -l
total 260
-rw-r--r-- 1 root root 184073 Qun 25  2012 big.txt
-rw-r--r-- 1 root root   1292 Qun 27  2012 catala.txt
-rw-r--r-- 1 root root  35849 Xim 17  2014 common.txt
-rw-r--r-- 1 root root   1492 Cax 23  2012 euskera.txt
-rw-r--r-- 1 root root    142 Kax 29  2005 extensions_common.txt
-rw-r--r-- 1 root root     75 Cig 16  2012 indexes.txt
-rw-r--r-- 1 root root    244 Kax 29  2005 mutations_common.txt
drwxr-xr-x 2 root root   4096 Agd 18 13:50 others
-rw-r--r-- 1 root root   6561 Cig  5  2014 small.txt
-rw-r--r-- 1 root root   3731 Xim 13  2014 spanish.txt
drwxr-xr-x 2 root root   4096 Agd 18 13:50 stress
drwxr-xr-x 2 root root   4096 Agd 18 13:50 vulns
```

We can use **small.txt** so command is **dirb http://testphp.vulnweb.com/ /usr/share/dirb/wordlists/small.txt**

```
root@kali:/usr/share/dirb/wordlists# dirb http://testphp.vulnweb.com/  /usr/share/dirb/wordlists/small.txt

-----------------
DIRB v2.22
By The Dark Raver
-----------------

START_TIME: Sun Jun 28 19:27:09 2020
URL_BASE: http://testphp.vulnweb.com/
WORDLIST_FILES: /usr/share/dirb/wordlists/small.txt

-----------------

GENERATED WORDS: 959

---- Scanning URL: http://testphp.vulnweb.com/ ----
==> DIRECTORY: http://testphp.vulnweb.com/CVS/
==> DIRECTORY: http://testphp.vulnweb.com/admin/
+ http://testphp.vulnweb.com/cgi-bin (CODE:403|SIZE:263)
+ http://testphp.vulnweb.com/cgi-bin/ (CODE:403|SIZE:263)
==> DIRECTORY: http://testphp.vulnweb.com/images/
==> DIRECTORY: http://testphp.vulnweb.com/secured/

---- Entering directory: http://testphp.vulnweb.com/CVS/ ----

---- Entering directory: http://testphp.vulnweb.com/admin/ ----

---- Entering directory: http://testphp.vulnweb.com/images/ ----

---- Entering directory: http://testphp.vulnweb.com/secured/ ----

-----------------
END_TIME: Sun Jun 28 19:46:04 2020
DOWNLOADED: 4795 - FOUND: 2
```

3. If we want a directory with specific extension i am using .php extension and i want to save the output to a file .

Command: **dirb http://testphp.vulnweb.com / -X .php -o out.txt**

```
root@kali:~/dirb# dirb http://testphp.vulnweb.com/ -X .php -o out.txt

-----------------
DIRB v2.22
By The Dark Raver
-----------------

OUTPUT_FILE: out.txt
START_TIME: Sun Jun 28 19:29:19 2020
URL_BASE: http://testphp.vulnweb.com/
WORDLIST_FILES: /usr/share/dirb/wordlists/common.txt
EXTENSIONS_LIST: (.php) | (.php) [NUM = 1]

-----------------

GENERATED WORDS: 4612

---- Scanning URL: http://testphp.vulnweb.com/ ----
+ http://testphp.vulnweb.com/404.php (CODE:200|SIZE:5265)
+ http://testphp.vulnweb.com/artists.php (CODE:200|SIZE:5328)
+ http://testphp.vulnweb.com/cart.php (CODE:200|SIZE:4903)
+ http://testphp.vulnweb.com/categories.php (CODE:200|SIZE:6115)
+ http://testphp.vulnweb.com/comment.php (CODE:302|SIZE:1246)
+ http://testphp.vulnweb.com/disclaimer.php (CODE:200|SIZE:5524)
+ http://testphp.vulnweb.com/guestbook.php (CODE:200|SIZE:5390)
+ http://testphp.vulnweb.com/index.php (CODE:200|SIZE:4958)
+ http://testphp.vulnweb.com/login.php (CODE:200|SIZE:5523)
+ http://testphp.vulnweb.com/logout.php (CODE:200|SIZE:4830)
+ http://testphp.vulnweb.com/product.php (CODE:200|SIZE:5056)
+ http://testphp.vulnweb.com/redir.php (CODE:302|SIZE:0)
+ http://testphp.vulnweb.com/search.php (CODE:200|SIZE:4732)
+ http://testphp.vulnweb.com/signup.php (CODE:200|SIZE:6033)
+ http://testphp.vulnweb.com/userinfo.php (CODE:302|SIZE:14)

-----------------
END_TIME: Sun Jun 28 19:47:58 2020
DOWNLOADED: 4612 - FOUND: 15
```

```
root@kali:~/dirb# ls
out.txt
```

4. In this we don't want directories with status code **-N 302 (NOT FOUND) -w is verbose mode -r is not traverse recursive the directories**
COMMAND:> **dirb http://testphp.vulnweb.com/ -N 302 -w -r**

```
root@kali:~# dirb http://testphp.vulnweb.com/ -N 302 -w -r

-----------------
DIRB v2.22
By The Dark Raver
-----------------

START_TIME: Sun Jun 28 19:31:57 2020
URL_BASE: http://testphp.vulnweb.com/
WORDLIST_FILES: /usr/share/dirb/wordlists/common.txt
OPTION: Ignoring NOT_FOUND code -> 302
OPTION: Not Recursive
OPTION: Not Stopping on warning messages

-----------------

GENERATED WORDS: 4612

---- Scanning URL: http://testphp.vulnweb.com/ ----
==> DIRECTORY: http://testphp.vulnweb.com/admin/
+ http://testphp.vulnweb.com/cgi-bin (CODE:403|SIZE:263)
+ http://testphp.vulnweb.com/cgi-bin/ (CODE:403|SIZE:263)
+ http://testphp.vulnweb.com/crossdomain.xml (CODE:200|SIZE:224)
==> DIRECTORY: http://testphp.vulnweb.com/CVS/
+ http://testphp.vulnweb.com/CVS/Entries (CODE:200|SIZE:1)
+ http://testphp.vulnweb.com/CVS/Repository (CODE:200|SIZE:8)
+ http://testphp.vulnweb.com/CVS/Root (CODE:200|SIZE:1)
+ http://testphp.vulnweb.com/favicon.ico (CODE:200|SIZE:894)
==> DIRECTORY: http://testphp.vulnweb.com/images/
+ http://testphp.vulnweb.com/index.php (CODE:200|SIZE:4958)
==> DIRECTORY: http://testphp.vulnweb.com/pictures/
==> DIRECTORY: http://testphp.vulnweb.com/secured/

-----------------
END_TIME: Sun Jun 28 19:50:28 2020
DOWNLOADED: 4612 - FOUND: 8
```

5.Now we login and list all directories after the login page .
COMMAND : **dirb http://testphp.vulnweb.com/login.php -u test:test**
(-u username: password)

```
root@kali:~# dirb http://testphp.vulnweb.com/login.php -u test:test

-----------------
DIRB v2.22
By The Dark Raver
-----------------

START_TIME: Sun Jun 28 19:33:39 2020
URL_BASE: http://testphp.vulnweb.com/login.php/
WORDLIST_FILES: /usr/share/dirb/wordlists/common.txt
AUTHORIZATION: test:test

-----------------

GENERATED WORDS: 4612

---- Scanning URL: http://testphp.vulnweb.com/login.php/ ----
+ http://testphp.vulnweb.com/login.php/admin.php (CODE:200|SIZE:5523)
+ http://testphp.vulnweb.com/login.php/index.php (CODE:200|SIZE:5523)
+ http://testphp.vulnweb.com/login.php/info.php (CODE:200|SIZE:5523)
+ http://testphp.vulnweb.com/login.php/phpinfo.php (CODE:200|SIZE:5523)
+ http://testphp.vulnweb.com/login.php/xmlrpc.php (CODE:200|SIZE:5523)
+ http://testphp.vulnweb.com/login.php/xmlrpc_server.php (CODE:200|SIZE:5523)

-----------------
END_TIME: Sun Jun 28 19:52:25 2020
DOWNLOADED: 4612 - FOUND: 6
```

--THANK YOU