专注APT攻击与防御
https://micropoor.blogspot.com/

DIRB官方地址：
http://dirb.sourceforge.net/

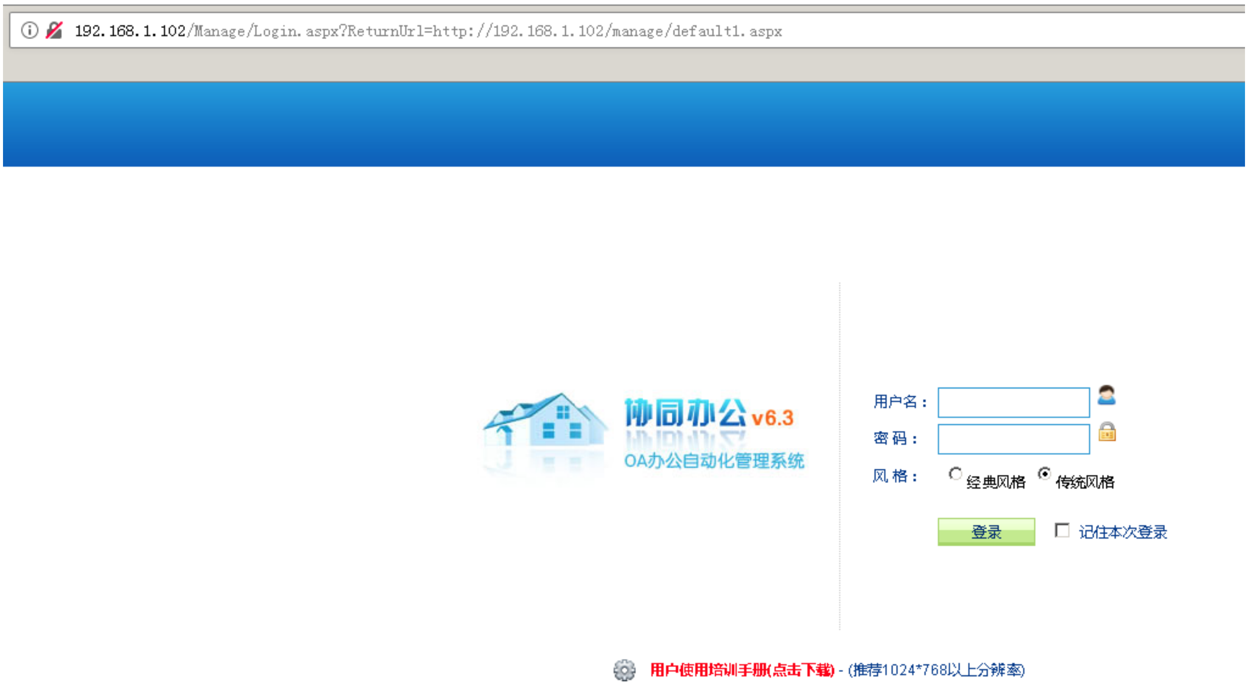
简介（摘自官方原文）：

DIRB is a Web Content Scanner. It looks for existing (and/or hidden) Web Objects. It basically works by launching a dictionary based attack against a web server and analizing the response.

介绍：

DIRB是一个基于命令行的工具，依据字典来爆破目标Web路径以及敏感文件，它支持自定义UA，cookie，忽略指定响应吗，支持代理扫描，自定义毫秒延迟，证书加载扫描等。是一款非常优秀的全方位的目录扫描工具。同样Kaili内置了dirb。

攻击机： 192.168.1.104 Debian
靶机： 192.168.1.102 Windows 2003 IIS



192.168.1.102/Manage/Login.aspx?ReturnUrl=http://192.168.1.102/manage/default1.aspx

用户名：
密 码：
风 格： ○ 经典风格 ● 传统风格
登录 □ 记住本次登录

普通爆破：

```
root@John:~/wordlist/small# dirb http://192.168.1.102 ./ASPX.txt

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DIRB v2.22
By The Dark Raver
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START_TIME: Sun Feb 17 23:26:52 2019
URL_BASE: http://192.168.1.102/
WORDLIST_FILES: ./ASPX.txt

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

GENERATED WORDS: 822

---- Scanning URL: http://192.168.1.102/ ----
+ http://192.168.1.102//Index.aspx (CODE:200|SIZE:2749)
+ http://192.168.1.102//Manage/Default.aspx (CODE:302|SIZE:203)

-----------------
END_TIME: Sun Feb 17 23:26:56 2019
DOWNLOADED: 822 - FOUND: 2
```

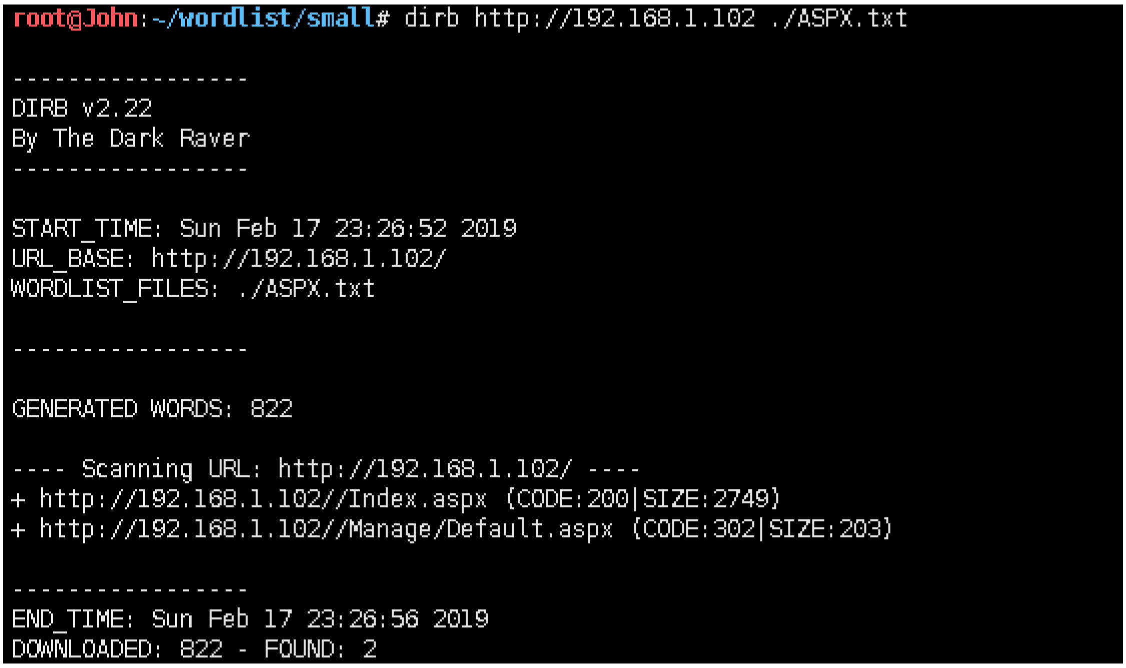

```
root@John:~/wordlist/small# dirb http://192.168.1.102 ./ASPX.txt

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

START_TIME: Sun Feb 17 23:26:52 2019
URL_BASE: http://192.168.1.102/
WORDLIST_FILES: ./ASPX.txt

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

GENERATED WORDS: 822

---- Scanning URL: http://192.168.1.102/ ----
+ http://192.168.1.102//Index.aspx (CODE:200|SIZE:2749)
+ http://192.168.1.102//Manage/Default.aspx (CODE:302|SIZE:203)

-----------------
END_TIME: Sun Feb 17 23:26:56 2019
DOWNLOADED: 822 - FOUND: 2
```

多字典挂载：

```
root@John:~/wordlist/small# dirb http://192.168.1.102 ./ASPX.txt,./DIR.txt

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

START_TIME: Sun Feb 17 23:31:02 2019
URL_BASE: http://192.168.1.102/
WORDLIST_FILES: ./ASPX.txt,./DIR.txt

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

GENERATED WORDS: 1975

---- Scanning URL: http://192.168.1.102/ ----
+ http://192.168.1.102//Index.aspx (CODE:200|SIZE:2749)
+ http://192.168.1.102//Manage/Default.aspx (CODE:302|SIZE:203)
+ http://192.168.1.102//bbs (CODE:301|SIZE:148)
+ http://192.168.1.102//manage (CODE:301|SIZE:151)
+ http://192.168.1.102//manage/ (CODE:302|SIZE:203)
+ http://192.168.1.102//kindeditor/ (CODE:403|SIZE:218)
+ http://192.168.1.102//robots.txt (CODE:200|SIZE:214)
+ http://192.168.1.102//Web.config (CODE:302|SIZE:130)
+ http://192.168.1.102//files (CODE:301|SIZE:150)
+ http://192.168.1.102//install (CODE:301|SIZE:152)

(!) FATAL: Too many errors connecting to host
 (Possible cause: EMPTY REPLY FROM SERVER)

-----------------
END_TIME: Sun Feb 17 23:31:06 2019
DOWNLOADED: 1495 - FOUND: 10
```

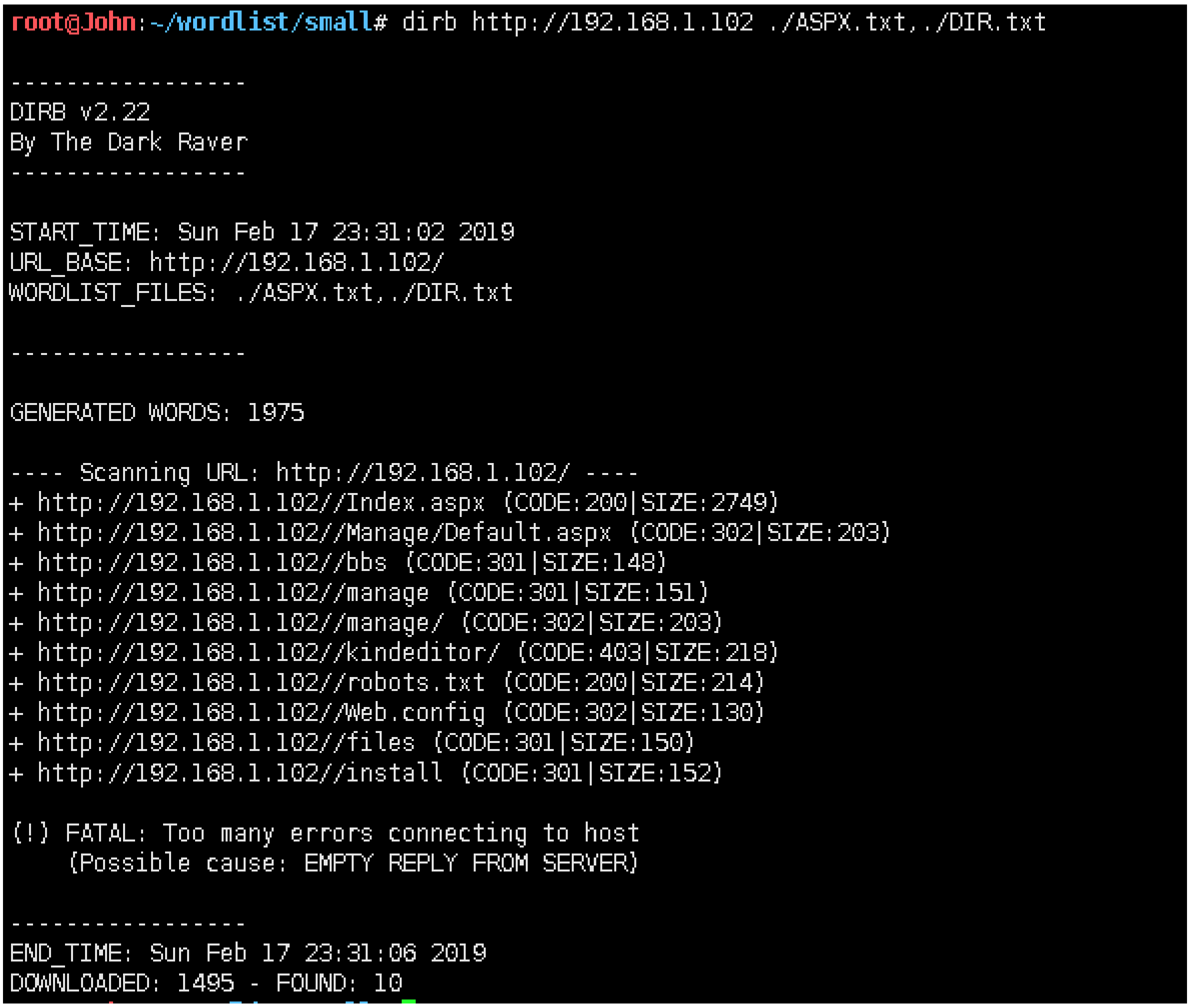

```
root@John:~/wordlist/small# dirb http://192.168.1.102 ./ASPX.txt,./DIR.txt

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

START_TIME: Sun Feb 17 23:31:02 2019
URL_BASE: http://192.168.1.102/
WORDLIST_FILES: ./ASPX.txt,./DIR.txt

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

GENERATED WORDS: 1975

---- Scanning URL: http://192.168.1.102/ ----
+ http://192.168.1.102//Index.aspx (CODE:200|SIZE:2749)
+ http://192.168.1.102//Manage/Default.aspx (CODE:302|SIZE:203)
+ http://192.168.1.102//bbs (CODE:301|SIZE:148)
+ http://192.168.1.102//manage (CODE:301|SIZE:151)
+ http://192.168.1.102//manage/ (CODE:302|SIZE:203)
+ http://192.168.1.102//kindeditor/ (CODE:403|SIZE:218)
+ http://192.168.1.102//robots.txt (CODE:200|SIZE:214)
+ http://192.168.1.102//Web.config (CODE:302|SIZE:130)
+ http://192.168.1.102//files (CODE:301|SIZE:150)
+ http://192.168.1.102//install (CODE:301|SIZE:152)

(!) FATAL: Too many errors connecting to host
    (Possible cause: EMPTY REPLY FROM SERVER)

-----------------
END_TIME: Sun Feb 17 23:31:06 2019
DOWNLOADED: 1495 - FOUND: 10
```

自定义UA：

```
root@John:~/wordlist/small# dirb http://192.168.1.102 ./ASPX.txt -a "Mozilla/5.0 (compatible; Googlebot/2.1; +http://www.google.com/bot.html)"

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DIRB v2.22
By The Dark Raver
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START_TIME: Sun Feb 17 23:34:51 2019
URL_BASE: http://192.168.1.102/
 WORDLIST_FILES: ./ASPX.txt
 USER_AGENT: Mozilla/5.0 (compatible; Googlebot/2.1; +http://www.google.com/bot.html)

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 GENERATED WORDS: 822
```
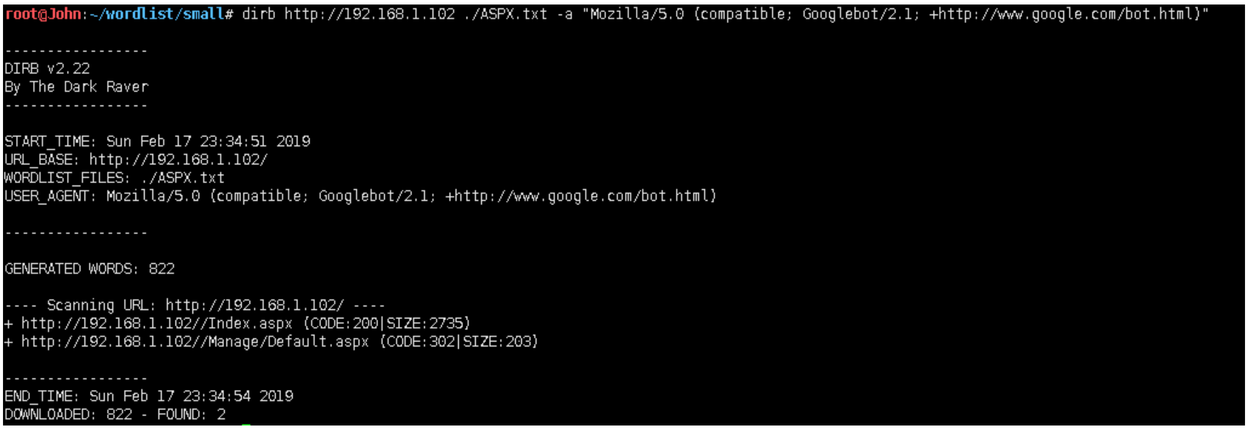

```

---- Scanning URL: http://192.168.1.102/ ----
+ http://192.168.1.102//Index.aspx (CODE:200|SIZE:2735)
+ http://192.168.1.102//Manage/Default.aspx (CODE:302|SIZE:203)

-----------------
END_TIME: Sun Feb 17 23:34:54 2019
DOWNLOADED: 822 - FOUND: 2
```



```
root@John:~/wordlist/small# dirb http://192.168.1.102 ./ASPX.txt -a "Mozilla/5.0 (compatible; Googlebot/2.1; +http://www.google.com/bot.html)"

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

START_TIME: Sun Feb 17 23:34:51 2019
URL_BASE: http://192.168.1.102/
WORDLIST_FILES: ./ASPX.txt
USER_AGENT: Mozilla/5.0 (compatible; Googlebot/2.1; +http://www.google.com/bot.html)

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

GENERATED WORDS: 822

---- Scanning URL: http://192.168.1.102/ ----
+ http://192.168.1.102//Index.aspx (CODE:200|SIZE:2735)
+ http://192.168.1.102//Manage/Default.aspx (CODE:302|SIZE:203)

-----------------
END_TIME: Sun Feb 17 23:34:54 2019
DOWNLOADED: 822 - FOUND: 2
```

自定义cookie：

```
root@John:~/wordlist/small# dirb http://192.168.1.102/Manage ./DIR.txt -a "Mozilla/5.0 (compatible; Googlebot/2.1; +http://www.google.com/bot.html)" -c "ASP.NET_SessionId=jennqviqmc2vws55o4ggwu45"

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

START_TIME: Sun Feb 17 23:53:08 2019
URL_BASE: http://192.168.1.102/Manage/
WORDLIST_FILES: ./DIR.txt
USER_AGENT: Mozilla/5.0 (compatible; Googlebot/2.1; +http://www.google.com/bot.html)
COOKIE: ASP.NET_SessionId=jennqviqmc2vws55o4ggwu45

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

GENERATED WORDS: 1153

```
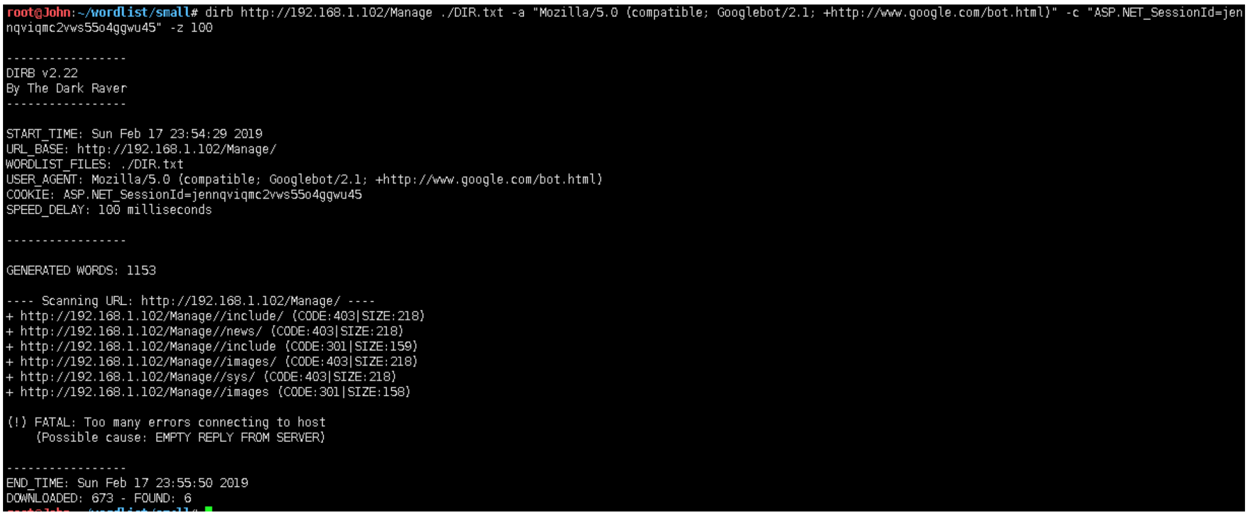

```
---- Scanning URL: http://192.168.1.102/Manage/ ----
+ http://192.168.1.102/Manage//include/ (CODE:403|SIZE:218)
+ http://192.168.1.102/Manage//news/ (CODE:403|SIZE:218)
+ http://192.168.1.102/Manage//include (CODE:301|SIZE:159)
+ http://192.168.1.102/Manage//images/ (CODE:403|SIZE:218)
+ http://192.168.1.102/Manage//sys/ (CODE:403|SIZE:218)
+ http://192.168.1.102/Manage//images (CODE:301|SIZE:158)

(!) FATAL: Too many errors connecting to host
 (Possible cause: EMPTY REPLY FROM SERVER)

-----------------
END_TIME: Sun Feb 17 23:53:10 2019
DOWNLOADED: 673 - FOUND: 6
```

自定义毫秒延迟：

```
root@John:~/wordlist/small# dirb http://192.168.1.102/Manage ./DIR.txt -a "Mozilla/5.0 (compatible; Googlebot/2.1; +http://www.google.com/bot.html)" -c "ASP.NET_SessionId=jennqviqmc2vws55o4ggwu45" -z 100

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

START_TIME: Sun Feb 17 23:54:29 2019
URL_BASE: http://192.168.1.102/Manage/
WORDLIST_FILES: ./DIR.txt
USER_AGENT: Mozilla/5.0 (compatible; Googlebot/2.1; +http://www.google.com/bot.html)
COOKIE: ASP.NET_SessionId=jennqviqmc2vws55o4ggwu45
SPEED_DELAY: 100 milliseconds

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

GENERATED WORDS: 1153

---- Scanning URL: http://192.168.1.102/Manage/ ----
+ http://192.168.1.102/Manage//include/ (CODE:403|SIZE:218)
+ http://192.168.1.102/Manage//news/ (CODE:403|SIZE:218)
+ http://192.168.1.102/Manage//include (CODE:301|SIZE:159)
+ http://192.168.1.102/Manage//images/ (CODE:403|SIZE:218)
+ http://192.168.1.102/Manage//sys/ (CODE:403|SIZE:218)
+ http://192.168.1.102/Manage//images (CODE:301|SIZE:158)

(!) FATAL: Too many errors connecting to host
 (Possible cause: EMPTY REPLY FROM SERVER)

-----------------
END_TIME: Sun Feb 17 23:55:50 2019
DOWNLOADED: 673 - FOUND: 6
```

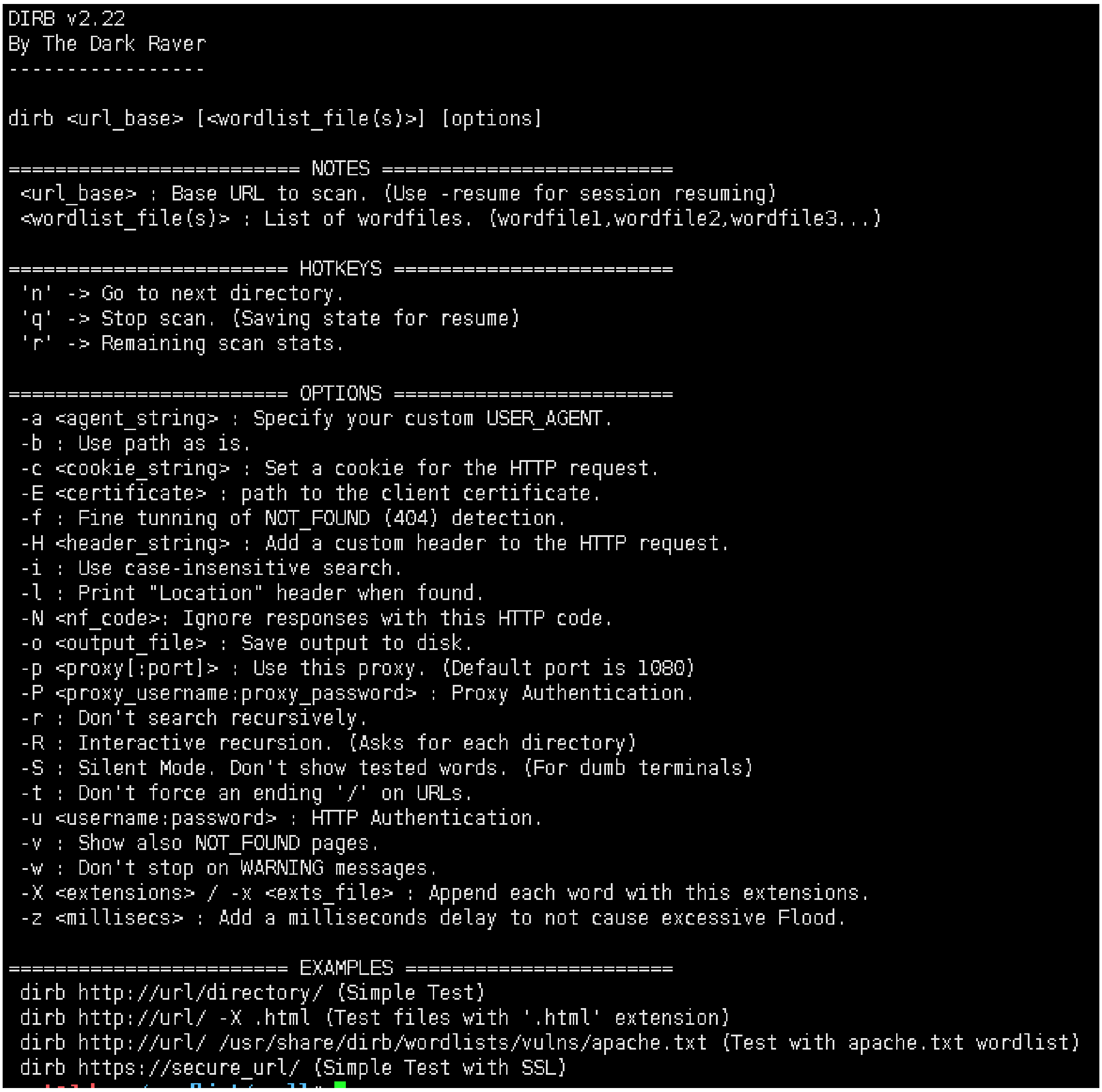


```
root@John:~/wordlist/small# dirb http://192.168.1.102/Manage ./DIR.txt -a "Mozilla/5.0 (compatible; Googlebot/2.1; +http://www.google.com/bot.html)" -c "ASP.NET_SessionId=jen
nqviqmc2vws55o4ggwu45" -z 100

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

START_TIME: Sun Feb 17 23:54:29 2019
URL_BASE: http://192.168.1.102/Manage/
WORDLIST_FILES: ./DIR.txt
USER_AGENT: Mozilla/5.0 (compatible; Googlebot/2.1; +http://www.google.com/bot.html)
COOKIE: ASP.NET_SessionId=jennqviqmc2vws55o4ggwu45
SPEED_DELAY: 100 milliseconds

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

GENERATED WORDS: 1153

---- Scanning URL: http://192.168.1.102/Manage/ ----
+ http://192.168.1.102/Manage//include/ (CODE:403|SIZE:218)
+ http://192.168.1.102/Manage//news/ (CODE:403|SIZE:218)
+ http://192.168.1.102/Manage//include (CODE:301|SIZE:159)
+ http://192.168.1.102/Manage//images/ (CODE:403|SIZE:218)
+ http://192.168.1.102/Manage//sys/ (CODE:403|SIZE:218)
+ http://192.168.1.102/Manage//images (CODE:301|SIZE:158)

(!) FATAL: Too many errors connecting to host
    (Possible cause: EMPTY REPLY FROM SERVER)

-----------------
END_TIME: Sun Feb 17 23:55:50 2019
DOWNLOADED: 673 - FOUND: 6
```

其他更多有趣的功能：

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

dirb <url_base> [<wordlist_file(s)>] [options]

========================= NOTES =========================
 <url_base> : Base URL to scan. (Use -resume for session resuming)
 <wordlist_file(s)> : List of wordfiles. (wordfile1,wordfile2,wordfile3...)

======================== HOTKEYS ========================
 'n' -> Go to next directory.
 'q' -> Stop scan. (Saving state for resume)
 'r' -> Remaining scan stats.
```

```

======================== OPTIONS ========================
 -a <agent_string> : Specify your custom USER_AGENT.
 -b : Use path as is.
 -c <cookie_string> : Set a cookie for the HTTP request.
 -E <certificate> : path to the client certificate.
 -f : Fine tunning of NOT_FOUND (404) detection.
 -H <header_string> : Add a custom header to the HTTP request.
 -i : Use case-insensitive search.
 -l : Print "Location" header when found.
 -N <nf_code>: Ignore responses with this HTTP code.
 -o <output_file> : Save output to disk.
 -p <proxy[:port]> : Use this proxy. (Default port is 1080)
 -P <proxy_username:proxy_password> : Proxy Authentication.
 -r : Don't search recursively.
 -R : Interactive recursion. (Asks for each directory)
 -S : Silent Mode. Don't show tested words. (For dumb terminals)
 -t : Don't force an ending '/' on URLs.
 -u <username:password> : HTTP Authentication.
 -v : Show also NOT_FOUND pages.
 -w : Don't stop on WARNING messages.
 -X <extensions> / -x <exts_file> : Append each word with this extensions.
 -z <millisecs> : Add a milliseconds delay to not cause excessive Flood.

======================== EXAMPLES =======================
 dirb http://url/directory/ (Simple Test)
 dirb http://url/ -X .html (Test files with '.html' extension)
 dirb http://url/ /usr/share/dirb/wordlists/vulns/apache.txt (Test with apache.txt wordlist)
 dirb https://secure_url/ (Simple Test with SSL)
```



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

dirb <url_base> [<wordlist_file(s)>] [options]

========================= NOTES =========================
 <url_base> : Base URL to scan. (Use -resume for session resuming)
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======================== HOTKEYS ========================
 'n' -> Go to next directory.
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 'r' -> Remaining scan stats.

======================== OPTIONS ========================
 -a <agent_string> : Specify your custom USER_AGENT.
 -b : Use path as is.
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 -E <certificate> : path to the client certificate.
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 -i : Use case-insensitive search.
 -l : Print "Location" header when found.
 -N <nf_code>: Ignore responses with this HTTP code.
 -o <output_file> : Save output to disk.
 -p <proxy[:port]> : Use this proxy. (Default port is 1080)
 -P <proxy_username:proxy_password> : Proxy Authentication.
 -r : Don't search recursively.
 -R : Interactive recursion. (Asks for each directory)
 -S : Silent Mode. Don't show tested words. (For dumb terminals)
 -t : Don't force an ending '/' on URLs.
 -u <username:password> : HTTP Authentication.
 -v : Show also NOT_FOUND pages.
 -w : Don't stop on WARNING messages.
 -X <extensions> / -x <exts_file> : Append each word with this extensions.
 -z <millisecs> : Add a milliseconds delay to not cause excessive Flood.

======================== EXAMPLES =======================
 dirb http://url/directory/ (Simple Test)
 dirb http://url/ -X .html (Test files with '.html' extension)
 dirb http://url/ /usr/share/dirb/wordlists/vulns/apache.txt (Test with apache.txt wordlist)
 dirb https://secure_url/ (Simple Test with SSL)
```

- Micropoor