

EA872 Laboratório de Programação de Software Básico

Atividade 6



Vinícius Esperança Mantovani
Entrega (limite): /09/2023, 13:00

RA 247395

Atividade 1)

1.1) A seguir, encontra-se a estrutura de “meu-webpace”.

```
pininsu@debian:~$ ls -lR meu-webpace/
meu-webpace/:
total 8
drwx----- 3 pininsu pininsu 4096 Sep  6 15:01 dir1
drwx----- 2 pininsu pininsu 4096 Sep  6 14:59 dir2
-r----- 1 pininsu pininsu    0 Sep  6 14:51 index.html

meu-webpace/dir1:
total 4
drwx----- 2 pininsu pininsu 4096 Sep  6 14:58 dir11
-r----- 1 pininsu pininsu    0 Sep  6 15:00 texto1.html
----- 1 pininsu pininsu    0 Sep  6 15:01 texto2.html

meu-webpace/dir1/dir11:
total 0

meu-webpace/dir2:
total 0
```

Figura 1: resposta do terminal para “ls -lR meu-webpace”

1.2) A seguir, estão documentados os conteúdos dos arquivos:

1º) index.html:

```
C/C++  
<!DOCTYPE html>  
<html>  
<head>  
<title>INDEX</title>  
</head>  
<body>  
Aqui está o conteúdo da página. Altere-o de maneira a  
facilitar a identificação de cada página. Ajudaria dizer aqui  
qual é a página e onde ela está na estrutura de diretórios.  
</body>  
</html>
```

2º) texto1.html:

```
C/C++  
<!DOCTYPE html>  
<html>  
<head>  
<title>TEXT01</title>  
</head>  
<body>  
Aqui está o conteúdo da página. Altere-o de maneira a  
facilitar a identificação de cada página. Ajudaria dizer aqui  
qual é a página e onde ela está na estrutura de diretórios.  
</body>  
</html>
```

2º) texto2.html:

```
C/C++  
<!DOCTYPE html>  
<html>  
<head>  
<title>TEXT02</title>  
</head>  
<body>  
Aqui está o conteúdo da página. Altere-o de maneira a  
facilitar a identificação de cada página. Ajudaria dizer aqui  
qual é a página e onde ela está na estrutura de diretórios.  
</body>  
</html>
```

Atividade 2)

2.1)

```
pininsu@debian:~/Documents/EA872/lab6$ cat -A req_dir1;echo
GET /dir1 HTTP/1.1^M$
Host: localhost:2020^M$
User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:102.0) Gecko/20100101 Firefox/102.0^M$
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,*/*;q=0.8^M$
Accept-Language: en-US,en;q=0.5^M$
Accept-Encoding: gzip, deflate, br^M$
Connection: keep-alive^M$
Upgrade-Insecure-Requests: 1^M$
Sec-Fetch-Dest: document^M$
Sec-Fetch-Mode: navigate^M$
Sec-Fetch-Site: none^M$
Sec-Fetch-User: ?1
```

Figura 2: GET para dir1

```
pininsu@debian:~/Documents/EA872/lab6$ cat -A req_dir2;echo
GET /dir2 HTTP/1.1^M$
Host: localhost:2020^M$
User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:102.0) Gecko/20100101 Firefox/102.0^M$
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,*/*;q=0.8^M$
Accept-Language: en-US,en;q=0.5^M$
Accept-Encoding: gzip, deflate, br^M$
Connection: keep-alive^M$
Upgrade-Insecure-Requests: 1^M$
Sec-Fetch-Dest: document^M$
Sec-Fetch-Mode: navigate^M$
Sec-Fetch-Site: none^M$
Sec-Fetch-User: ?1
```

Figura 3: GET para dir2

```
pininsu@debian:~/Documents/EA872/lab6$ cat -A req_dir11;echo
GET /dir1/dir11 HTTP/1.1^M$
Host: localhost:2020^M$
User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:102.0) Gecko/20100101 Firefox/102.0^M$
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,*/*;q=0.8^M$
Accept-Language: en-US,en;q=0.5^M$
Accept-Encoding: gzip, deflate, br^M$
Connection: keep-alive^M$
Upgrade-Insecure-Requests: 1^M$
Sec-Fetch-Dest: document^M$
Sec-Fetch-Mode: navigate^M$
Sec-Fetch-Site: none^M$
Sec-Fetch-User: ?1
```

Figura 4: GET para dir11

```
pininsu@debian:~/Documents/EA872/lab6$ cat -A req_texto1;echo
GET /dir1/texto1.html HTTP/1.1^M$
Host: localhost:2020^M$
User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:102.0) Gecko/20100101 Firefox/102.0^M$
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,*/*;q=0.8^M$
Accept-Language: en-US,en;q=0.5^M$
Accept-Encoding: gzip, deflate, br^M$
Connection: keep-alive^M$
Upgrade-Insecure-Requests: 1^M$
Sec-Fetch-Dest: document^M$
Sec-Fetch-Mode: navigate^M$
Sec-Fetch-Site: none^M$
Sec-Fetch-User: ?1
```

Figura 5: GET para texto1.html

```
pininsu@debian:~/Documents/EA872/lab6$ cat -A req_texto2;echo
GET /dir1/texto2.html HTTP/1.1^M$
Host: localhost:2020^M$
User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:102.0) Gecko/20100101 Firefox/102.0^M$
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,*/*;q=0.8^M$
Accept-Language: en-US,en;q=0.5^M$
Accept-Encoding: gzip, deflate, br^M$
Connection: keep-alive^M$
Upgrade-Insecure-Requests: 1^M$
Sec-Fetch-Dest: document^M$
Sec-Fetch-Mode: navigate^M$
Sec-Fetch-Site: none^M$
Sec-Fetch-User: ?1
```

Figura 6: GET para texto2.html

2.2) O uso de “^M” é feito para garantir que, além de pular para a próxima linha (“\$”), o cursor vá para o início da nova linha. No entanto, há linhas para as quais não haveria problema se apenas se iniciasse em outra posição que não do início o cursor, logo, para tais linhas, basta que haja o “\$” na linha anterior.

Atividade 3)

3.1)

```
pininsu@debian:~/Documents/EA872/lab6$ cat -A req_head_dir1;echo
HEAD /dir1 HTTP/1.1^M$
Host: localhost:2020^M$
User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:102.0) Gecko/20100101 Firefox/102.0^M$
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,*/*;q=0.8^M$
Accept-Language: en-US,en;q=0.5^M$
Accept-Encoding: gzip, deflate, br^M$
Connection: keep-alive^M$
Upgrade-Insecure-Requests: 1^M$
Sec-Fetch-Dest: document^M$
Sec-Fetch-Mode: navigate^M$
Sec-Fetch-Site: none^M$
Sec-Fetch-User: ?1
```

Figura 7: HEAD para dir1

```
pininsu@debian:~/Documents/EA872/lab6$ cat -A req_head_dir2;echo
HEAD /dir2 HTTP/1.1^M$
Host: localhost:2020^M$
User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:102.0) Gecko/20100101 Firefox/102.0^M$
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,*/*;q=0.8^M$
Accept-Language: en-US,en;q=0.5^M$
Accept-Encoding: gzip, deflate, br^M$
Connection: keep-alive^M$
Upgrade-Insecure-Requests: 1^M$
Sec-Fetch-Dest: document^M$
Sec-Fetch-Mode: navigate^M$
Sec-Fetch-Site: none^M$
Sec-Fetch-User: ?1
```

Figura 8: HEAD para dir2

```
pininsu@debian:~/Documents/EA872/lab6$ cat -A req_head_dir11;echo
HEAD /dir1/dir11 HTTP/1.1^M$
Host: localhost:2020^M$
User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:102.0) Gecko/20100101 Firefox/102.0^M$
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,*/*;q=0.8^M$
Accept-Language: en-US,en;q=0.5^M$
Accept-Encoding: gzip, deflate, br^M$
Connection: keep-alive^M$
Upgrade-Insecure-Requests: 1^M$
Sec-Fetch-Dest: document^M$
Sec-Fetch-Mode: navigate^M$
Sec-Fetch-Site: none^M$
Sec-Fetch-User: ?1
```

Figura 9: HEAD para dir11

```
pininsu@debian:~/Documents/EA872/lab6$ cat -A req_head_texto1;echo
HEAD /dir1/texto1.html HTTP/1.1^M$
Host: localhost:2020^M$
User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:102.0) Gecko/20100101 Firefox/102.0^M$
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,*/*;q=0.8^M$
Accept-Language: en-US,en;q=0.5^M$
Accept-Encoding: gzip, deflate, br^M$
Connection: keep-alive^M$
Upgrade-Insecure-Requests: 1^M$
Sec-Fetch-Dest: document^M$
Sec-Fetch-Mode: navigate^M$
Sec-Fetch-Site: none^M$
Sec-Fetch-User: ?1
```

Figura 10: HEAD para texto1.html

```
pininsu@debian:~/Documents/EA872/lab6$ cat -A req_head_texto2;echo
HEAD /dir1/texto2.c HTTP/1.1^M$
Host: localhost:2020^M$
User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:102.0) Gecko/20100101 Firefox/102.0^M$
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,*/*;q=0.8^M$
Accept-Language: en-US,en;q=0.5^M$
Accept-Encoding: gzip, deflate, br^M$
Connection: keep-alive^M$
Upgrade-Insecure-Requests: 1^M$
Sec-Fetch-Dest: document^M$
Sec-Fetch-Mode: navigate^M$
Sec-Fetch-Site: none^M$
Sec-Fetch-User: ?1
```

Figura 11: HEAD para texto2.html

3.2)

```
pininsu@debian:~/Documents/EA872/lab6$ cat -A req_opt_dir1;echo
OPTIONS / HTTP/1.1^M$
Host: localhost:2020^M$
User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:102.0) Gecko/20100101 Firefox/102.0^M$
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,*/*;q=0.8^M$
Accept-Language: en-US,en;q=0.5^M$
Accept-Encoding: gzip, deflate, br^M$
Connection: keep-alive^M$
Upgrade-Insecure-Requests: 1^M$
Sec-Fetch-Dest: document^M$
Sec-Fetch-Mode: navigate^M$
Sec-Fetch-Site: none^M$
Sec-Fetch-User: ?1
```

Figura 12: OPTIONS requisition

```
pininsu@debian:~/Documents/EA872/lab6$ cat -A req_opt_dir1;echo
TRACE / HTTP/1.1^M$
Host: localhost:2020^M$
User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:102.0) Gecko/20100101 Firefox/102.0^M$
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,*/*;q=0.8^M$
Accept-Language: en-US,en;q=0.5^M$
Accept-Encoding: gzip, deflate, br^M$
Connection: keep-alive^M$
Upgrade-Insecure-Requests: 1^M$
Sec-Fetch-Dest: document^M$
Sec-Fetch-Mode: navigate^M$
Sec-Fetch-Site: none^M$
Sec-Fetch-User: ?1
```

Figura 13: TRACE requisition