

CSE3 38
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1.1

use HEAD to get information about the page:

```
telnet weer.nl 80
```

Connected to weer.nl

```
HEAD / HTTP/1.1  
host:weer.nl
```

```
301 moved permanently  
Location: http://www.weer.nl/
```

Use HEAD to see what is at the moved location:

```
telnet www.weer.nl 80
```

Connected to right location

```
HEAD / HTTP/1.1  
host:www.weer.nl
```

This is the meta-data about the resource:

```
HTTP/1.1 200 OK  
Age: 410  
Cache-Control: max-age=600  
Content-Type: text/html; charset=utf-8  
Date: Mon, 19 Nov 2018 14:47:51 GMT  
Server: nginx/1.12.0  
Vary: Accept-Encoding  
Via: 1.1 varnish-v4  
X-Cache: HIT  
X-Powered-By: PHP/5.5.26  
X-Varnish: 1038625095 1040385532  
Connection: keep-alive
```

```
GET /regenradar/nederland HTTP/1.1
```

We get the html code of the specified page.

1.2

Everything except the map corresponds. But the map doesn't load.

1.3

X-Cache indicates whether the required object was served from proxy's cache (HIT) or not (MISS).

1.4

Page's cache control specifies the maximum amount of time a resource will be considered fresh.

2.1

If your content-length is smaller or larger than the text you entered you get a 400 Bad Request response from the server.

3.1

You don't need to enter the username and password again.

3.2

You are get unauthorized, cause the terminal does not cache your login.