

# Esoterisches HTTP



Kennt jeder ?



```
GET / HTTP/1.1  
Host: www.example.com
```

```
HTTP/1.1 200 0k  
Content-type: application/octet-stream  
Content-length: 200
```



```
HTTP/1.0 200 Ok  
Content-type: application/octet-stream  
Content-length: 200  
Transfer-Encoding: chunked
```



```
HTTP/1.0 200 0k  
Content-type: application/octet-stream  
Content-length: 200  
Transfer-Encoding: chunked
```

definiert in HTTP/1.1

RFC, not chunked

Chrome 27  
Firefox 21  
Internet Explorer 8,10

Chunked

Safari 5.1  
Opera 12  
IDS Suricata 1.4  
IDS Bro 2.1  
Proxy squid 3.1,3.2



## Und was passiert hier?



```
HTTP/1.0 200 Ok  
Content-type: application/octet-stream  
Content-Encoding: gzip  
Content-Encoding: deflate
```



# Und was passiert hier? je nach Laune

```
HTTP/1.0 200 0k  
Content-type: application/octet-stream  
Content-Encoding: gzip  
Content-Encoding: deflate
```

RFC:  
gzip+deflate

deflate

gzip

none

Chrome  
Firefox  
Rekonq

virustotal.com  
IDS Snort 2.9  
IDS Bro

Opera  
IDS Suricata

MSIE



- <http://noxxi.de/research.html>
  - double content-length header
  - continuation lines
  - Transfer-Encoding: chunked xx
  - Content-Encoding: x-gzip, x-deflate...
  - ...
- App::DubiosHTTP
  - Bild, Script, Text, Eicar-Virus ...
  - <http://chksum.de:8001>



**ENDE**

