

HTTP (Hypertext Transfer Protocol)

1 Kommunikation

Client --- HTTP-REQUEST ----> Server
<---HTTP-RESPONSE ----

2 HTTP-REQUEST

2.1 Request-Format

Request-Line

```
POST      /datei.php      HTTP/1.1
|         |           |
Methode   URI         HTTP-Version
```

Request-Header

```
Host: kohnlehome.de
User-Agent: Mozilla...
...
```

Request-Body

```
var1=wert1&var2=wert2
```

2.2 Request-Methoden

```
GET      (kein Body)
POST
PUT
...
```

3 HTTP-RESPONSE

3.1 Response-Format

Response-Line

```
HTTP/1.1      200 OK
|             |
Version       Statuscode
```

Response-Header

```
Date: ...
Server: Apache
Content-Type: text/html
...
```

Response-Body

```
<html>
...
</html>
```

3.2 Response-Statuscodes

200 OK
 403 Forbidden
 404 Not Found
 500 Internal Server Error
 ...

4 HTML-Formular \Rightarrow PHP

Client formular.html	<pre><form action="datei.php"> <input type="text" name="var1" /> <input type="text" name="var2" /> <input type="submit" /> </form></pre>	<pre><form action="datei.php" method="post"> <input type="text" name="var1" /> <input type="text" name="var2" /> <input type="submit" /> </form></pre>
Request-Line	GET /datei.php?var1=wert1&var2=wert2	POST /datei.php
Request-Body	fehlt	var1=wert1&var2=wert2
Server datei.php	<pre>\$_GET["var1"] (enthält wert1) \$_GET["var2"] (enthält wert2)</pre>	<pre>\$_POST["var1"] (enthält wert1) \$_POST["var2"] (enthält wert2)</pre>