

# Handling HTTP Requests and Responses

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# Module Overview

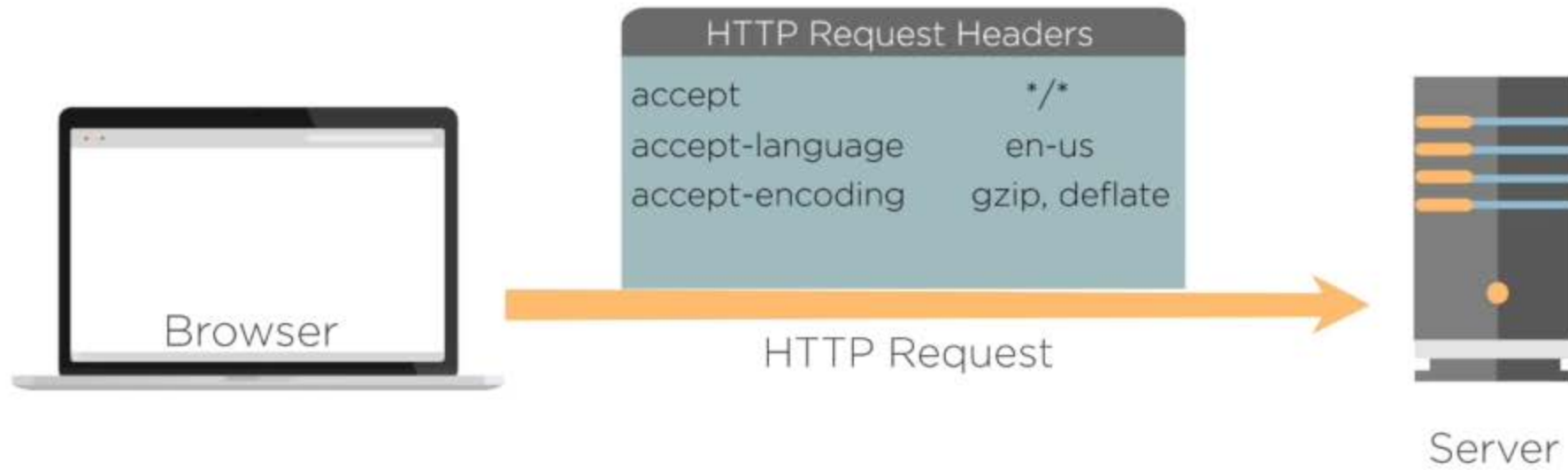


Reading HTTP Headers

Setting HTTP Response

Setting HTTP Status Code

# Reading HTTP Headers



# HTTP Request Header Methods

`getHeader(String name)`

`getHeaderNames()`

`getAuthType()`

`getRemoteUser()`

`getRemoteAddr()`

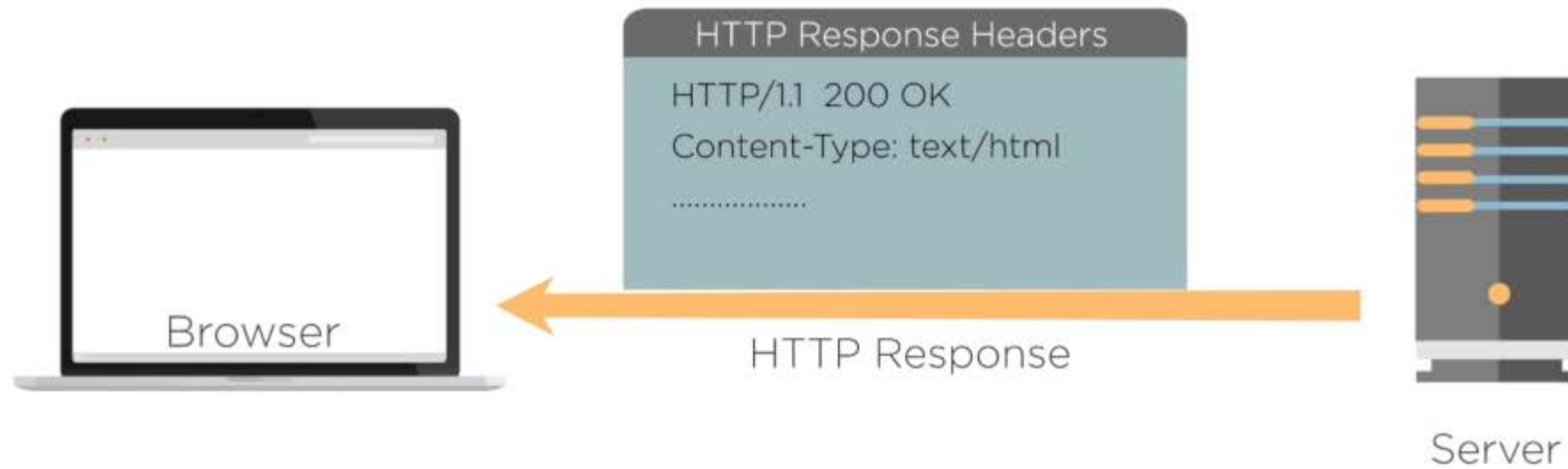
`getContentLength()`

`getContentType()`

`getDate Header(String name)`

`getIntHeader(String name)`

# Setting HTTP Response Headers



## HTTP Response

### Headers Method

setHeader(String name,String value)

setIntHeader(Strng name,int value)

setDateHeader(String name,long date)

containsHeader(String name)

setContentLegth(int len)

serLocale(Locale loc)

# Setting HTTP Status Code

## 100 - Information

100 - Continue

101 - Switching Protocol

## 200 - Success

200 - Ok

201 - Created

202 - Accepted

203 - Non-authoritative  
information

204 - No-content

205 - Reset content

206 - Partial content

## 300 - Redirection

300 - Multiple Choices

301 - Moved Permanently

302 - Found

303 - See Other

305 - Use Proxy

306 - Unused

307 - Temporary Redirect

## 400 - Client side error

400 - Bad Request

401 - Unauthorized

402 - Payment Required

403 - Forbidden

404 - File Not Found

405- Method Not Allowed

406 - Not Acceptable

407 - Proxy Authentication  
Required

408 - Request Timeout

## 500 - Server Error

501 - Not Implemented

502 - Bad Gateway

503 - Service Unavailable

504 - Gateway Timeout

505 - HTTP Version not  
supported

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## Methods to Set HTTP Status Code

`setStatus(int sc)`

`sendError(int sc,String errmsg)`

`sendRedirect(String url)`

Demo



Setting HTTP Status Code

# Summary



HTTP Request Headers

HTTP Response Headers

HTTP Status Code