If-Range header

- Syntax
- Directives
- Examples
- Specifications
- Browser compatibility
- See also

The HTTP `If-Range` request header makes a range request conditional. If the condition is fulfilled, a range request is issued, and the server sends back a 206 Partial Content response with part (or parts) of the resource in the body. If the condition is not fulfilled, the full resource is sent back with a 200 OK status.

This header can be used either with the Last-Modified validator or with ETag, but not with both.

The most common use case is to resume a download with guarantees that the resource on the server has not been modified since the last part has been received by the client.

Header type	[Request header](https://developer.mozilla.org/en-US/docs/Glossary/Request%20header)
[Forbidden request header](https://developer.mozilla.org/en-US/docs/Glossary/Forbidden%20request%20header)	No

Syntax

```
If-Range: <day-name>, <day> <month> <year> <hour>:<minute>:<second> GMT
If-Range: <etag>
```

Directives

- `<etag>`
  - : An entity tag uniquely representing the requested resource. It is a string of ASCII characters placed between double quotes (Like `"675af34563dc-tr34"`). A weak entity tag (one prefixed by `W/`) must not be used in this header.
- `<day-name>`
  - : One of `Mon`, `Tue`, `Wed`, `Thu`, `Fri`, `Sat`, or `Sun` (case-sensitive).
- `<day>`
  - : 2 digit day number, e.g., "04" or "23".
- `<month>`
  - : One of `Jan`, `Feb`, `Mar`, `Apr`, `May`, `Jun`, `Jul`, `Aug`, `Sep`, `Oct`, `Nov`, `Dec` (case sensitive).
- `<year>`
  - : 4 digit year number, e.g., "1990" or "2016".
- `<hour>`
  - : 2 digit hour number, e.g., "09" or "23".
- `<minute>`
  - : 2 digit minute number, e.g., "04" or "59".
- `<second>`
  - : 2 digit second number, e.g., "04" or "59".
- GMT
  - : Greenwich Mean Time. HTTP dates are always expressed in GMT, never in local time.

Examples

```
If-Range: Wed, 21 Oct 2015 07:28:00 GMT


If-Range: "67ab43"
```

Specifications

Browser compatibility

See also

- HTTP Conditional Requests guide

- ETag
- Last-Modified
- If-Match, If-Modified-Since, If-Unmodified-Since, If-None-Match conditional request headers
- 206 Partial Content, 412 Precondition Failed, 416 Range Not Satisfiable response status codes

---

□□□ #3
□ □□□ □□□ 2026-10-31 03:27:53 UTC
□ cocobook-sync □□□ 2026-11-04 17:35:48 UTC