

# **1 Apache::Response - Perl API for Apache HTTP request response methods**

## 1.1 Synopsis

```
use Apache::Response ();
```

META: to be completed

## 1.2 Description

META: to be completed

## 1.3 API

Apache::Response provides the following functions and/or methods:

### *1.3.1 custom\_response*

META: Autogenerated - needs to be reviewed/completed

Install a custom response handler for a given status

```
$r->custom_response($status, $string);
```

- **arg1: \$r (Apache::RequestRec)**

The current request

- **arg2: \$status (integer)**

The status for which the custom response should be used

- **arg3: \$string (string)**

The custom response. This can be a static string, a file or a URL

- **ret: no return value**

### *1.3.2 make\_etag*

META: Autogenerated - needs to be reviewed/completed

Construct an entity tag from the resource information. If it's a real file, build in some of the file characteristics.

```
$etag = $r->make_etag($force_weak);
```

- **arg1: \$r (Apache::RequestRec)**

The current request

- **arg2: \$force\_weak (number)**

Force the entity tag to be weak - it could be modified again in as short an interval.

- **ret: \$etag (string)**

The entity tag

### ***1.3.3 meets\_conditions***

META: Autogenerated - needs to be reviewed/completed

Implements condition GET rules for HTTP/1.1 specification. This function inspects the client headers and determines if the response fulfills the requirements specified.

```
$ret = $r->meets_conditions();
```

- **arg1: \$r (Apache::RequestRec)**

The current request

- **ret: \$ret (integer)**

1 if the response fulfills the condition GET rules, 0 otherwise

### ***1.3.4 rationalize\_mtime***

META: Autogenerated - needs to be reviewed/completed

Return the latest rational time from a request/mtime pair. Mtime is returned unless it's in the future, in which case we return the current time.

```
$rat_mtime = $r->rationalize_mtime($mtime);
```

- **arg1: \$r (Apache::RequestRec)**

The current request

- **arg2: \$mtime (number)**

The last modified time

- **ret: \$rat\_mtime (number)**

the latest rational time.

### ***1.3.5 send\_error\_response***

META: Autogenerated - needs to be reviewed/completed

Send error back to client.

```
$r->send_error_response($recursive_error);
```

- **arg1: \$r (Apache::RequestRec)**

The current request

- **arg2: \$recursive\_error (string)**

last arg indicates error status in case we get an error in the process of trying to deal with an `ErrorDocument` to handle some other error. In that case, we print the default report for the first thing that went wrong, and more briefly report on the problem with the `ErrorDocument`.

- **ret: no return value**

### ***1.3.6 send\_mmap***

META: Autogenerated - needs to be reviewed/completed

Send an MMAP'ed file to the client

```
$ret = $r->send_mmap($mm, $offset, $length);
```

- **arg1: \$r (Apache::RequestRec)**

The current request

- **arg2: \$mm (APR::Mmap)**

The MMAP'ed file to send

- **arg3: \$offset (number)**

The offset into the MMAP to start sending

- **arg4: \$length (integer)**

The amount of data to send

- **ret: \$ret (integer)**

The number of bytes sent

### ***1.3.7 set\_content\_length***

META: Autogenerated - needs to be reviewed/completed

Set the content length for this request.

```
$r->set_content_length($length);
```

- **arg1: \$r (Apache::RequestRec)**

The current request

- **arg2: \$length (integer)**

The new content length

- **ret: no return value**

### ***1.3.8 set\_etag***

META: Autogenerated - needs to be reviewed/completed

Set the E-tag outgoing header

```
$r->set_etag();
```

- **arg1: \$r (Apache::RequestRec)**
- **ret: no return value**

### ***1.3.9 set\_keepalive***

META: Autogenerated - needs to be reviewed/completed

Set the keepalive status for this request

```
$ret = $r->set_keepalive();
```

- **arg1: \$r (Apache::RequestRec)**

The current request

- **ret: \$ret (integer)**

1 if keepalive can be set, 0 otherwise

### ***1.3.10 update\_mtime***

META: Autogenerated - needs to be reviewed/completed

Function to set the r->mtime field to the specified value if it's later than what's already there.

```
$r->update_mtime($dependency_mtime);
```

- **arg1: \$r (Apache::RequestRec)**

The current request

- **arg2: \$dependency\_mtime (number)**
- **ret: no return value**

### ***1.3.11 set\_last\_modified***

META: Autogenerated - needs to be reviewed/completed

```
$r->set_last_modified($mtime);
```

- **arg1: \$r (Apache::RequestRec)**
- **arg2: \$mtime (number)**
- **ret: no return value**

### ***1.3.12 send\_cgi\_header***

META: Autogenerated - needs to be reviewed/completed

```
$r->send_cgi_header($buffer);
```

- **arg1: \$r (Apache::RequestRec)**
- **arg2: \$buffer (string)**
- **ret: no return value**

## **1.4 See Also**

mod\_perl 2.0 documentation.

## **1.5 Copyright**

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## 1.6 Authors

The mod\_perl development team and numerous contributors.





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