

Table of Contents

package TWiki::Response	1
ClassMethod new () -> \$response.....	1
ObjectMethod status (\$status) -> \$status.....	1
ObjectMethod charset ([\$charset]) -> \$charset.....	1
ObjectMethod header (-type=>\$type,.....	1
ObjectMethod _header (-type=>\$type,.....	1
ObjectMethod headers ({...}) -> \$headersHashRef.....	1
ObjectMethod getHeader ([\$name]) -> \$value.....	1
ObjectMethod deleteHeader (\$h1,\$h2,...).....	1
ObjectMethod pushHeader (\$name,\$value).....	2
ObjectMethod cookies ([\@cookies]) -> @cookies.....	2
ObjectMethod body ([\$body]) -> \$body.....	2
ObjectMethod redirect (\$uri,\$status,\$cookiesl.....	2
ObjectMethod setDefaultHeaders ({ \$name=>\$value,... }.....	2

package TWiki::Response

Class to encapsulate response data.

Fields: * `status` - response status * `headers` - hashref to response headers * `body` - response body * `cookies` - hashref to response cookies

ClassMethod `new () -> $response`

Constructs a TWiki::Response object.

ObjectMethod `status ($status) -> $status`

Gets/Sets response status.

- `$status` is a three digit code, optionally followed by a status string

ObjectMethod `charset ([$charset]) -> $charset`

Gets/Sets response charset. If not defined, defaults to ISO-8859-1, just like CGI.pm

ObjectMethod `header (-type=>$type,`

`-status => $status, -cookie => $cookie || \@cookies, -attachment => $attachName, -charset => $charset, -expires => $expires, -HeaderN => ValueN)`

Sets response header. Reasonably compatible with CGI. Doesn't support `-nph`, `-target` and `-p3p`.

ObjectMethod `_header (-type=>$type,`

`-status => $status, -cookie => $cookie || \@cookies, -attachment => $attachName, -charset => $charset, -expires => $expires, -HeaderN => ValueN)`

Private method to set response header like above that doesn't include fix for Item6602. Reasonably compatible with CGI. Doesn't support `-nph`, `-target` and `-p3p`.

ObjectMethod `headers ({ . . . }) -> $headersHashRef`

Gets/Sets all response headers. Keys are headers name and values are scalars for single-valued headers or arrayref for multivalued ones.

ObjectMethod `getHeader ([$name]) -> $value`

If called without parameters returns all present header names, otherwise returns a list (maybe with a single element) of values associated with `$name`.

ObjectMethod `deleteHeader ($h1, $h2, . . .)`

Deletes headers whose names are passed.

ObjectMethod pushHeader (\$name, \$value)

Adds \$value to list of values associated with header \$name.

ObjectMethod cookies ([\@cookies]) -> @cookies

Gets/Sets response cookies. Parameter, if passed, **must** be an arrayref.

Elements may be CGI::Cookie objects or raw cookie strings.

ObjectMethod body ([\$body]) -> \$body

Gets/Sets response body.

ObjectMethod redirect (\$uri, \$status, \$cookies |

-Location => \$uri, -Status => \$status, -Cookies => \$cookies)

Populate object with redirect response headers.

\$uri **must** be passed. Others are optional.

CGI Compatibility Note: It doesn't support -target or -nph

ObjectMethod setDefaultHeaders ({ \$name=>\$value, . . . })

Sets the header, this does not modify the existing key=>value from \$this->{headers}. Sets only new values.

This topic: TWiki > TWikiResponseDotPm

Topic revision: r2 - 2011-05-04 - TWikiContributor



Copyright © 1999-2020 by the contributing authors. All material on this collaboration platform is the property of the contributing authors.

Ideas, requests, problems regarding TWiki? Send feedback

Note: Please contribute updates to this topic on TWiki.org at TWiki:TWiki.TWikiResponseDotPm.