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# 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.

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This topic: TWiki > TWikiResponseDotPm

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



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