NAME

PSP::CGI::HTTP - exportable functions for generating HTTP status pages.

SYNOPSIS

```
use PSP::CGI::HTTP;
my $success;
$success = PSP::CGI::HTTP::redirect($psp,$url,$code);
$success = PSP::CGI::HTTP::notFound($psp,$url);
$success = PSP::CGI::HTTP::status($psp,$url,$code,$codeName,
$message,%extraHeaders);


use PSP::CGI::HTTP qw(redirect notFound status);
my $success;
$success = redirect($psp,$url,$code);
$success = notFound($psp,$url);
$success = status($psp,$code,$codeName,$message,%extraHeaders);
```

DESCRIPTION

This module provides exportable functions that create HTTP status pages commonly used in CGI programs i.e. for redirecting the browser to another URL, telling the browser about missing files, etc.. This module was created as a companion to the Perl Script Pages Engine. See *PSP::Engine* for more information.

OVERVIEW

Exportable Functions

redirect

Creates a HTTP redirect ("Moved") message, redirecting the web browser to another URL. See *redirect function* for details.

notFound

Creates a HTTP 404 ("Not Found") message, telling the web browser the requested URL does not exist. See *notFound function* for details.

status

Creates a user defined HTTP status message. See *status function* for details.

SYNTAX

redirect Function

Creates a HTTP redirect ("Moved") message, redirecting the web browser to another URL.

```
use PSP::CGI::HTTP;
my $success = PSP::CGI::HTTP::redirect($psp,$url,$code);


use PSP::CGI::HTTP qw(redirect);
my $success = redirect($psp,$url,$code);
```

Former content of the PSP output queue and CGI headers are flushed.

This function can be exported.

Required Parameters

$psp

The *PSP::Engine* object to flush and push the message to. See *PSP::Engine* for

$url   details.

Text string describing the URL to redirect the web browser to. Note that this variable is not sanitized for HTTP header output by this function.

Optional Parameters

$code

HTTP status code to use. Might be either 301 ("Moved Permanently") or 302 ("Moved Temporarily"). By default, 302 ("Moved Temporarily") is used.

Return Values

$success

Returns 1 on success or undef on error. An undef value also means the PSP output queue and CGI HTTP headers were NOT flushed.

notFound Function

Creates a HTTP 404 ("Not Found") message, telling the web browser the requested URL does not exist.

```
use PSP::CGI::HTTP;
my $success = PSP::CGI::HTTP::notFound($psp,$url);


use PSP::CGI::HTTP qw(notFound);
my $success = notFound($psp,$url);
```

Former content of the PSP output queue and CGI headers are flushed.

This function can be exported.

Required Parameters

$psp

The *PSP::Engine* object to flush and push the message to. See *PSP::Engine* for details.

$url

Text string describing the URL that was not found.

Optional Parameters

None.

Return Values

$success

Returns 1 on success or undef on error. An undef value also means the PSP output queue and CGI HTTP headers were NOT flushed.

status Function

Creates a user defined HTTP status message.

```
use PSP::CGI::HTTP;
my $success = PSP::CGI::HTTP::status($psp,$url,$code,$codeNa
me,$message,%extraHeaders);


use PSP::CGI::HTTP qw(status);
my $success = status($psp,$code,$codeName,$message,%extraHeaders);
```

Former content of the PSP output queue and CGI headers are flushed.

This function can be exported.

Required Parameters

$psp

The *PSP::Engine* object to flush and push the message to. See *PSP::Engine* for details.

$codeName

"Name" of the status, i.e. "Not Found" for code 404.

$message

The HTML message to show to the user, describing the status.

Optional Parameters

%extraHeaders

A hash containing additional headers to send to the client.

Return Values

$success

Returns 1 on success or undef on error. An undef value also means the PSP output queue and CGI HTTP headers were NOT flushed.

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VERSION

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