

## NAME

PSP::CGI::Transform - provides text string transformations commonly used by CGI programs.

## SYNOPSIS

```
use PSP::CGI::Transform;
my $encoded = encodeHttp($text);
my $text = decodeHttp($encoded);
my $html = htmlize($text);
my $html = htmlizeIsoUmlauts($isoText);
```

## DESCRIPTION

This module exports some text string transformation procedures usually needed by CGI programs. This module was created as a companion to the Perl Script Pages Engine. See *PSP::Engine* for more information.

## OVERVIEW

### Exported Functions

#### encodeHttp

Encodes a generic text string into a HTTP URI encoded string. See *encodeHttp function* for details.

#### decodeHttp

Decodes a HTTP URI encoded string into a common text string. See *decodeHttp function* for details.

#### htmlize

Transforms any text into a safe HTML/XHTML representation that needs no further sanitizing, escaping or quoting for output on HTML/XHTML pages. See *htmlize function* for details.

#### htmlizeIsoUmlauts

Transforms ISO8859-{1,15} encoded German umlauts in the given text string into the HTML/XHTML equivalents. See *htmlizeIsoUmlauts function* for details.

## SYNTAX

### encodeHttp Function

Encodes a generic text string into a HTTP URI encoded string.

```
use PSP::CGI::Transform;

my $encoded = encodeHttp($text);
```

This function is exported automatically.

### Required Parameters

`$text`

The text string to encode.

### Optional Parameters

None.

### Return Values

\$encoded

The HTTP URI encoded representation of the input string or undef if \$text was not defined.

### decodeHttp Function

Decodes a HTTP URI encoded string into a common text string.

```
use PSP::CGI::Transform;

my $text = decodeHttp($encoded);
```

This function is exported automatically.

### Required Parameters

\$encoded

The HTTP URI text string to decode.

### Optional Parameters

None.

### Return Values

\$text

The common text representation of the encoded input string or undef if \$encoded was not defined.

### htmlize Function

Transforms any text into a safe HTML/XHTML representation that needs no further sanitizing, escaping or quoting for output on HTML/XHTML pages.

```
use PSP::CGI::Transform;

my $htmlled = htmlize($text);
```

This function is exported automatically.

### Required Parameters

\$text

Any text string to transform.

### Optional Parameters

None.

### Return Values

\$htmlled

The HTML/XHTML safe representation of the input string or undef if \$text was not defined.

### htmlizeIsoUmlauts Function

Transforms ISO8859-{1,15} encoded German umlauts in the given text string into the HTML/XHTML equivalents.

```
use PSP::CGI::Transform;
```

```
my $htmlled = htmlizeIsoUmlauts($isoText);
```

This function does NOT pass the text through the *htmlize function*! You need to do that manually.

This function is exported automatically.

### **Required Parameters**

\$text

Any text string to transform.

### **Optional Parameters**

None.

### **Return Values**

\$htmlled

The same text as the input, but all ISO8859-{1,15} German umlauts replaced by the HTML/XHTML equivalence strings or undef if \$text was not defined.

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### **VERSION**

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