

# **1 Apache2::Util - Perl API for Misc Apache Utility functions**

## 1.1 Synopsis

```
use Apache2::Util ();

# OS escape path
$escaped_path = Apache2::Util::escape_path($path, "a 'long' file.html");

# format time as a string
my $fmt = "%a, %D %H:%M:%S %Z";
$fmtdate = Apache2::Util::ht_time($r->pool, $r->request_time, $fmt, 0);
```

## 1.2 Description

Various Apache utilities that don't fit into any other group.

## 1.3 Functions API

Apache2::Util provides the following functions and/or methods:

### 1.3.1 *escape\_path*

convert an OS path to a URL in an OS dependant way.

```
$escaped_path = Apache2::Util::escape_path($path, $p);
$escaped_path = Apache2::Util::escape_path($path, $p, $partial);
```

- **arg1: \$path ( string )**

The path to convert

- **arg2: \$p ( APR::Pool )**

The pool to allocate from

- **opt arg3: \$partial ( boolean )**

if TRUE, assume that the path will be appended to something with a '/' in it (and thus does not prefix "./")

if FALSE it prepends " ./ " unless \$path contains : optionally followed by /.

the default is TRUE

- **ret: \$escaped\_path ( string )**

The escaped path

- **since: 2.0.00**

## 1.3.2 *ht\_time*

Convert time from an integer value into a string in a specified format

```
$time_str = Apache2::Util::ht_time($p);
$time_str = Apache2::Util::ht_time($p, $time);
$time_str = Apache2::Util::ht_time($p, $time, $fmt);
$time_str = Apache2::Util::ht_time($p, $time, $fmt, $gmt);
```

- **arg1: \$p ( APR::Pool object )**

The pool to allocate memory from

- **opt arg2: \$time ( number )**

The time to convert (e.g., `time()` or `$r->request_time`).

If the value is not passed the current time will be used.

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

The format to use for the conversion, using `strftime(3)` tokens.

If the value is not passed the default format used is:

```
"%a, %d %b %Y %H:%M:%S %Z"
```

- **opt arg4: \$gmt ( boolean )**

The time will be not converted to GMT if `FALSE` is passed.

If the value is not passed `TRUE` (do convert) is used as a default.

- **ret: \$time\_str (string)**

The string that represents the specified time

- **since: 2.0.00**

Examples:

Use current time, the default format and convert to GMT:

```
$fmtdate = Apache2::Util::ht_time($r->pool);
```

Use my time, the default format and convert to GMT:

## 1.4 See Also

```
my $time = time+100;
$fmtdate = Apache2::Util::ht_time($r->pool, $time);
```

Use the time the request has started, custom format and don't convert to GMT:

```
my $fmt = "%a, %D %H:%M:%S %Z";
$fmtdate = Apache2::Util::ht_time($r->pool, $r->request_time, $fmt, 0);
```

## 1.4 See Also

[mod\\_perl 2.0 documentation](#).

## 1.5 Copyright

mod\_perl 2.0 and its core modules are copyrighted under The Apache Software License, Version 2.0.

## 1.6 Authors

The mod\_perl development team and numerous contributors.

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