

1 APR::Date - Perl API for APR date manipulating functions

1.1 Synopsis

```
use APR::Date ();

# parse HTTP-compliant date string
$date_string = 'Sun, 06 Nov 1994 08:49:37 GMT';
$date_parsed = APR::Date::parse_http($date_string);

# parse RFC822-compliant date string
$date_string = 'Sun, 6 Nov 94 8:49:37 GMT';
$date_parsed = APR::Date::parse_rfc($date_string);
```

1.2 Description

APR::Socket provides the Perl interface to APR date manipulating functions.

1.3 API

APR::Date provides the following functions and/or methods:

1.3.1 *parse_http*

Parse HTTP date strings

```
$date_parsed = parse_http($date_string);
```

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

The date string can be in one of the following formats:

```
Sun, 06 Nov 1994 08:49:37 GMT ; RFC 822, updated by RFC 1123
Sunday, 06-Nov-94 08:49:37 GMT ; RFC 850, obsoleted by RFC 1036
Sun Nov 6 08:49:37 1994 ; ANSI C's asctime() format
```

refer to RFC2616 for the details (GMT is assumed, regardless of the used timezone).

- **ret: \$date_parsed (number)**

the number of microseconds since 1 Jan 1970 GMT, or 0 if out of range or if the date is invalid.

- **since: 2.0.00**

Remember to divide the return value by 1_000_000 if you need it in seconds.

1.3.2 *parse_rfc*

Parse a string resembling an RFC 822 date. It's meant to be lenient in its parsing of dates. Hence, this will parse a wider range of dates than `parse_http()`.

```
$date_parsed = parse_rfc($date_string);
```

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

The date string can be in one of the following formats:

```
Sun, 06 Nov 1994 08:49:37 GMT ; RFC 822, updated by RFC 1123
Sunday, 06-Nov-94 08:49:37 GMT ; RFC 850, obsoleted by RFC 1036
Sun Nov 6 08:49:37 1994 ; ANSI C's asctime() format
Sun, 6 Nov 1994 08:49:37 GMT ; RFC 822, updated by RFC 1123
Sun, 06 Nov 94 08:49:37 GMT ; RFC 822
Sun, 6 Nov 94 08:49:37 GMT ; RFC 822
Sun, 06 Nov 94 08:49 GMT ; Unknown [drtr\@ast.cam.ac.uk]
Sun, 6 Nov 94 08:49 GMT ; Unknown [drtr\@ast.cam.ac.uk]
Sun, 06 Nov 94 8:49:37 GMT ; Unknown [Elm 70.85]
Sun, 6 Nov 94 8:49:37 GMT ; Unknown [Elm 70.85]
```

- **ret: \$date_parsed (number)**

the number of microseconds since 1 Jan 1970 GMT, or 0 if out of range or if the date is invalid.

- **since: 2.0.00**

Remember to divide the return value by `1_000_000` if you need it in seconds.

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.

Table of Contents:

1	APR::Date - Perl API for APR date manipulating functions	1
1.1	Synopsis	2
1.2	Description	2
1.3	API	2
1.3.1	parse_http	2
1.3.2	parse_rfc	3
1.4	See Also	3
1.5	Copyright	3
1.6	Authors	3