

# **1 APR::Base64 - Perl API for APR base64 encoding/decoding functionality**

## 1.1 Synopsis

```
use APR::Base64 ();

my $clear    = "foo"
my $encoded  = APR::Base64::encode($clear);
my $decoded  = APR::Base64::decode($encoded);
my $len_enc  = APR::Base64::encode_len(length $clear);
```

## 1.2 Description

APR::Base64 provides the access to APR's base64 encoding and decoding API.

## 1.3 API

APR::Base64 provides the following functions and/or methods:

### *1.3.1 decode*

Decode a base64 encoded string

```
$decoded = decode($encoded);
```

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

The encoded string.

- **ret: \$decoded ( string )**

The decoded string.

- **since: 2.0.00**

### *1.3.2 encode*

Encode a string to base64

```
$encoded = encode($clear);
```

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

The unencoded string.

- **ret: \$encoded ( string )**

The encoded string.

- **since: 2.0.00**

### ***1.3.3 encode\_len***

Given the length of an unencoded string, get the length of the encoded string.

```
$len_enc = encode_len($len_clear);
```

- **arg1: \$len\_clear ( integer )**  
the length of an unencoded string.
- **ret: \$len\_enc ( integer )**  
the length of the string after it is encoded
- **since: 2.0.00**

## **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::Base64 - Perl API for APR base64 encoding/decoding functionality . . . . .	1
1.1	Synopsis . . . . .	2
1.2	Description . . . . .	2
1.3	API . . . . .	2
1.3.1	decode . . . . .	2
1.3.2	encode . . . . .	2
1.3.3	encode_len . . . . .	3
1.4	See Also . . . . .	3
1.5	Copyright . . . . .	3
1.6	Authors . . . . .	3