

# **1 Apache::Table - Perl interface to the Apache table structure**

## 1.1 Synopsis

```
use Apache::Table ();

my $headers_out = $r->headers_out;
while(my ($key,$val) = each %$headers_out) {
    ...
}

my $table = $r->headers_out;
$table->set(From => 'doug@perl.apache.org');
```

mod\_perl needs to be compiled with at least one of the following options:

```
DYNAMIC=1
PERL_TABLE_API=1
EVERYTHING=1
```

## 1.2 Description

This module provides tied interfaces to Apache data structures.

### 1.2.1 Classes

- **Apache::Table**

The `Apache::Table` class provides methods for interfacing with the Apache table structure. The following Apache class methods, when called in a scalar context with no "key" argument, will return a *HASH* reference blessed into the `Apache::Table` class and where *HASH* is tied to `Apache::Table`:

```
headers_in
headers_out
err_headers_out
notes
dir_config
subprocess_env
```

### 1.2.2 Methods

- **get**

Corresponds to the `ap_table_get` function.

```
my $value = $table->get($key);

my $value = $headers_out->{$key};
```

- **set**

Corresponds to the `ap_table_set` function.

```
$table->set($key, $value);  
$headers_out->{$key} = $value;
```

- **unset**

Corresponds to the `ap_table_unset` function.

```
$table->unset($key);  
delete $headers_out->{$key};
```

- **clear**

Corresponds to the `ap_table_clear` function.

```
$table->clear;  
%$headers_out = ();
```

- **add**

Corresponds to the `ap_table_add` function.

```
$table->add($key, $value);
```

- **merge**

Corresponds to the `ap_table_merge` function.

```
$table->merge($key, $value);
```

## 1.3 Maintainers

Maintainer is the person(s) you should contact with updates, corrections and patches.

- **The documentation mailing list**

## 1.4 Authors

- **Doug MacEachern**

Only the major authors are listed above. For contributors see the Changes file.

## 1.5 See Also

Apache, mod\_perl

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