

# **1 Apache::Connection - Perl API for Apache connection object**

## 1.1 Synopsis

```
use Apache::Connection ();
```

META: to be completed

## 1.2 Description

META: to be completed

## 1.3 API

`Apache::Connection` provides the following functions and/or methods:

### *1.3.1 aborted*

Check whether the connection is still open

```
$status = $c->aborted();
```

- **arg1:** `$c` (`Apache::Connection`)
- **ret:** `$status` (number)

true if the connection has been aborted, false if still open

### *1.3.2 base\_server*

Physical vhost this connection came in on

```
$base_server = $c->base_server();
```

- **arg1:** `$c` (`Apache::Connection`)
- **ret:** `$base_server` (`Apache::Server`)

### *1.3.3 bucket\_alloc*

META: Autogenerated - needs to be reviewed/completed

The bucket allocator to use for all bucket/brigade creations

```
$ba = $c->bucket_alloc();
```

- **arg1:** `$c` (`Apache::Connection`)
- **ret:** `$ba` (`APR::BucketAlloc`)

### ***1.3.4 conn\_config***

META: Autogenerated - needs to be reviewed/completed

Notes on *\*this\** connection

```
$ret = $c->conn_config();
```

- **arg1: \$c (Apache::Connection)**
- **ret: \$ret (Apache::ConfVector)**

### ***1.3.5 id***

ID of this connection; unique at any point in time

```
$id = $c->id();
```

- **arg1: \$c (Apache::Connection)**
- **ret: \$id (integer)**

### ***1.3.6 input\_filters***

A list of input filters to be used for this connection

```
$input_filters = $c->input_filters();
```

- **arg1: \$c (Apache::Connection)**
- **ret: \$input\_filters (Apache::Filter)**

The first filter in the connection input filters chain.

### ***1.3.7 keepalive***

Are we going to keep the connection alive for another request?

```
$status = $c->keepalive();
```

- **arg1: \$c (Apache::Connection)**
- **ret: \$status (integer)**

### ***1.3.8 local\_addr***

Get this connection's local socket address

```
$sa = $c->local_addr();
```

### 1.3.9 local\_host

- **arg1:** `$c` (**Apache::Connection**)
- **ret:** `$sa` (**APR::SockAddr**)

## ***1.3.9 local\_host***

used for `ap_get_server_name` when `UseCanonicalName` is set to `DNS` (ignores setting of `Host-nameLookups`)

```
$local_host = $c->local_host();
```

- **arg1:** `$c` (**Apache::Connection**)
- **ret:** `$local_host` (**string**)

## ***1.3.10 local\_ip***

server IP address

```
$local_ip = $c->local_ip();
```

- **arg1:** `$c` (**Apache::Connection**)
- **ret:** `$local_ip` (**string**)

## ***1.3.11 notes***

META: Autogenerated - needs to be reviewed/completed

send note from one module to another, must remain valid for all requests on this conn

```
$c->notes($notes);  
$notes = $c->notes();
```

- **arg1:** `$c` (**Apache::Connection**)
- **arg2:** `$notes` (**APR::Table**)
- **ret:**

## ***1.3.12 output\_filters***

META: Autogenerated - needs to be reviewed/completed

A list of output filters to be used for this connection

```
$output_filters = $c->output_filters();
```

- **arg1:** `$c` (**Apache::Connection**)
- **ret:** `$output_filters` (**Apache::Filter**)

The first filter in the connection output filters chain.

### ***1.3.13 pool***

Pool associated with this connection

```
$p = $c->pool();
```

- **arg1:** `$c` (**Apache::Connection**)
- **ret:** `$p` (**APR::Pool**)

### ***1.3.14 remote\_addr***

Get this connection's remote socket address

```
$sa = $c->remote_addr();
```

- **arg1:** `$c` (**Apache::Connection**)
- **ret:** `$sa` (**APR::SockAddr**)

### ***1.3.15 remote\_ip***

Client's IP address

```
$remote_ip = $c->remote_ip();
```

- **arg1:** `$c` (**Apache::Connection**)
- **ret:** `$remote_ip` (string)

### ***1.3.16 remote\_host***

Client's DNS name, if known. NULL if DNS hasn't been checked, "" if it has and no address was found.  
N.B. Only access this through `get_remote_host()`

```
$remote_host = $c->remote_host();
```

- **arg1:** `$c` (**Apache::Connection**)
- **ret:** `$remote_host` (string)

### ***1.3.17 remote\_logname***

Only ever set if doing rfc1413 lookups. N.B. Only access this through `get_remote_logname()`

```
$remote_logname = $c->remote_logname();
```

#### 1.4 See Also

- **arg1:** `$c` (**Apache::Connection**)
- **ret:** `$remote_logname` (string)

### ***1.3.18 sbh***

META: Autogenerated - needs to be reviewed/completed

handle to scoreboard information for this connection

```
$sbh = $c->sbh();
```

- **arg1:** `$c` (**Apache::Connection**)
- **ret:** `$sbh` (XXX)

## **1.4 See Also**

mod\_perl 2.0 documentation.

## **1.5 Copyright**

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## **1.6 Authors**

The mod\_perl development team and numerous contributors.

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