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Chapter 1

Class Index

1.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

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Chapter 2

Class Documentation

2.1 evbuffer Struct Reference

Public Attributes

- u_char * **buffer**
- u_char * **orig_buffer**
- size_t **misalign**
- size_t **totallen**
- size_t **off**
- void(* **cb**)(struct evbuffer *, size_t, size_t, void *)
- void * **cbarg**

The documentation for this struct was generated from the following file:

- evbuffer.h

2.2 http_header Struct Reference

`#include <header.h>`

Public Member Functions

- TAILQ_ENTRY (http_header) next

Public Attributes

- char * name
- char * value

2.2.1 Detailed Description

http header

2.2.2 Member Function Documentation

2.2.2.1 http_header::TAILQ_ENTRY (http_header)

queue

2.2.3 Member Data Documentation

2.2.3.1 char* http_header::name

header name

2.2.3.2 char* http_header::value

header value

The documentation for this struct was generated from the following file:

- header.h

2.3 http_request Struct Reference

`#include <request.h>`

Public Attributes

- enum req_method method
- char * uri
- char * version
- struct http_header_head * headers
- int is_cgi
- char * cgi_script
- char * cgi_query_string

2.3.1 Detailed Description

http request

2.3.2 Member Data Documentation

2.3.2.1 char* http_request::cgi_query_string

cgi query string

2.3.2.2 char* http_request::cgi_script

cgi script

2.3.2.3 struct http_header_head* http_request::headers

http headers queue

2.3.2.4 int http_request::is_cgi

is cgi request or not

2.3.2.5 enum req_method http_request::method

req_method

2.3.2.6 char* http_request::uri

resource uri

2.3.2.7 char* http_request::version

http version HTTP/x.x

The documentation for this struct was generated from the following file:

- request.h

2.4 http_response Struct Reference

`#include <response.h>`

Public Attributes

- char * version
- int status_code
- char * status_msg
- char * req_uri
- char * decoded_uri
- struct http_header_head * headers
- struct evbuffer * body_buf
- int type
- struct http_request * hrequest
- struct http_server * hserver

2.4.1 Detailed Description

http response

2.4.2 Member Data Documentation

2.4.2.1 struct evbuffer* http_response::body_buf

response body

2.4.2.2 char* http_response::decoded_uri

decoded absolute uri path for request uri

2.4.2.3 struct http_header_head* http_response::headers

response header

2.4.2.4 struct http_request* http_response::hrequest

the http request,this is used for internal

2.4.2.5 struct http_server* http_response::hserver

the http server,this is used for internal

2.4.2.6 char* http_response::req_uri

the request uri

2.4.2.7 int http_response::status_code

status code

2.4.2.8 char* http_response::status_msg

status message

2.4.2.9 int http_response::type

response type ,0 for static ,1 for dynamic,this is used for internal

2.4.2.10 char* http_response::version

http version HTTP/x.x

The documentation for this struct was generated from the following file:

- response.h

2.5 http_server Struct Reference

`#include <server.h>`

Public Attributes

- char * server_name
- in_addr_t server_ip
- int server_port
- int max_connection
- char * default_page
- char * cgi_pattern
- char * root_document
- char * log_file
- int connection_timeout
- int list_directory
- volatile sig_atomic_t state
- int sock_fd
- int clients_fd [FD_SETSIZE]
- fd_set read_set
- fd_set **all_set**

2.5.1 Detailed Description

http server

2.5.2 Member Data Documentation

2.5.2.1 char* http_server::cgi_pattern

cgi pattern

2.5.2.2 int http_server::clients_fd[FD_SETSIZE]

connected clients fd

2.5.2.3 int http_server::connection_timeout

connection timeout

2.5.2.4 char* http_server::default_page

default page

2.5.2.5 int http_server::list_directory

list directory

2.5.2.6 char* http_server::log_file

log file

2.5.2.7 int http_server::max_connection

max connection

2.5.2.8 fd_set http_server::read_set

fd_set

2.5.2.9 char* http_server::root_document

root document

2.5.2.10 in_addr_t http_server::server_ip

server ip

2.5.2.11 char* http_server::server_name

srever name

2.5.2.12 int http_server::server_port

server port

2.5.2.13 int http_server::sock_fd

socket fd

2.5.2.14 volatile sig_atomic_t http_server::state

server state

The documentation for this struct was generated from the following file:

- server.h

2.6 mime_entry Struct Reference

Public Attributes

- char * ext
- char * type

2.6.1 Detailed Description

mime entry

2.6.2 Member Data Documentation

2.6.2.1 char* mime_entry::ext

extension

2.6.2.2 char* mime_entry::type

mime type

The documentation for this struct was generated from the following file:

- mime.c

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