
Name

rd_trimaudio — Rivendell Trim Audio C Library Function

Synopsis

```
#include <rivwebcapi/rd_trimaudio.h>
```

```
int RD_TrimAudio(trimaudio[], hostname[], username[], passwd[],  
ticket[], cartnumber, cutnumber, trimlevel, user_agent[], numrecs);
```

```
struct rd_trimaudio * trimaudio[];  
const char hostname[];  
const char username[];  
const char passwd[];  
const char ticket[];  
const unsigned cartnumber;  
const unsigned cutnumber;  
const int trimlevel;  
const char user_agent[];  
unsigned * numrecs;
```

Description

RD_TrimAudio is the function to use to get the time pointer to the first and last instance of a particular level in a cut.

This function lists the first and last instance of a db level in a cut.

Table 1. RD_TrimAudio function call fields

| FIELD NAME | FIELD TYPE | MEANING | REMARKS |
|------------|-----------------------------------|--|--|
| *cuts | Pointer to rd_trimaudio structure | Memory location to store trimaudio information | Mandatory |
| hostname | Character Array | Name Of Rivendell DB Host | Mandatory |
| username | Character Array | Rivendell User Name | Mandatory When NO Ticket Provided |
| passwd | Character Array | Rivendell User Password | Mandatory When NO Ticket Provided |
| ticket | Character Array | Rivendell Authentication Ticket | Mandatory When NO User/Password Pair Provided. |
| cartnumber | unsigned integer | Cart Number | Mandatory |
| cutnumber | unsigned integer | Cut Number | Mandatory |
| trimlevel | integer | Trim Level in 1/100 dB | Mandatory |
| user_agent | Character Array | User Agent Value put into HTTP request | Optional (default is Rivendell-C-API/x.x.x) |

| FIELD NAME | FIELD TYPE | MEANING | REMARKS |
|------------|--------------------|--|-----------|
| *numrecs | pointer to integer | memory location for number of records returned | Mandatory |

When successful function will return the number of records sent (numrecs) and a rd_trimaudio structure which is stored in the provided memory locations. The rd_trimaudio structure has the following fields:

```
struct rd_trimaudio {  
    unsigned cart_number;  
    unsigned cut_number;  
    int trimlevel;  
    int starttrimpoint;  
    int endtrimpoint;  
};
```

RETURN VALUE

On success, zero is returned. Using the provided parameters an rd_trimaudio structure is returned and the number of records is returned.

If a server error occurs a -1 is returned. If a client error occurs a specific error number is returned.

ERRORS

400 Missing Cart/Cut Number, Trim Level or Peak Data.

403 User Authentication Error.

404 Invalid Permissions or No Cart / Audio Exists.

nnn Unknown Error Occurred.