
Name

rd_addcut — Rivendell Add Cut C Library Function

Synopsis

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

```
int RD_AddCut(cut[], hostname[], username[], passwd[], ticket[],  
cartnumber, user_agent[], numrecs);
```

```
struct rd_cut * cut[];  
const char hostname[];  
const char username[];  
const char passwd[];  
const char ticket[];  
const unsigned cartnumber;  
const char user_agent[];  
unsigned * numrecs;
```

Description

RD_AddCut is the function to use to add a cut to an existing Rivendell Database.

This function adds a cut to the cart number entered into the Rivendell database on hostname. The cut will be created with default values listed below.

Table 1. RD_AddCut function call fields

| FIELD NAME | FIELD TYPE | MEANING | REMARKS |
|------------|-----------------------------|--|--|
| *rd_cut | Pointer to rd_cut structure | Memory location to store cut 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 |
| user_agent | Character Array | User Agent Value put into HTTP request | Optional (default is Rivendell-C-API/x.x.x) |
| *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_cut structure which is stored in the provided memory locations. The rd_cut structure has the following fields:

```
struct rd_cut {
    char cut_name[11]; /* Default is: CART###_CUT### */
    unsigned cut_cart_number; /* Cart Number */
    unsigned cut_cut_number; /* Next available Cut Number */
    int cut_evergreen; /* Default is: False */
    char cut_description[257]; /* Default is: Cut ### */
    char cut_outcue[257]; /* Default is: NULL */
    char cut_isrc[49]; /* Default is: NULL */
    char cut_isci[129]; /* Default is: NULL */
    unsigned cut_length; /* Default is: 0 */
    struct tm cut_origin_datetime; /* Default is: NULL */
    struct tm cut_start_datetime; /* Default is: NULL */
    struct tm cut_end_datetime; /* Default is: NULL */
    int cut_sun; /* Default is: true */
    int cut_mon; /* Default is: true */
    int cut_tue; /* Default is: true */
    int cut_wed; /* Default is: true */
    int cut_thu; /* Default is: true */
    int cut_fri; /* Default is: true */
    int cut_sat; /* Default is: true */
    char cut_start_daypart[14]; /* Default is: NULL */
    char cut_end_daypart[14]; /* Default is: NULL */
    char cut_origin_name[257]; /* Default is: NULL */
    unsigned cut_weight; /* Default is: 1 */
    struct tm cut_last_play_datetime; /* Default is: NULL */
    unsigned cut_play_counter; /* Default is: 0 */
    unsigned cut_local_counter; /* Default is: 0 */
    unsigned cut_validity; /* Default is: 0 */
    unsigned cut_coding_format; /* Default is: 0 */
    unsigned cut_sample_rate; /* Default is: 0 */
    unsigned cut_bit_rate; /* Default is: 0 */
    unsigned cut_channels; /* Default is: 2 */
    int cut_play_gain; /* Default is: 0 */
    int cut_start_point; /* Default is: -1 */
    int cut_end_point; /* Default is: -1 */
    int cut_fadeup_point; /* Default is: -1 */
    int cut_fadedown_point; /* Default is: -1 */
    int cut_segue_start_point; /* Default is: -1 */
    int cut_segue_end_point; /* Default is: -1 */
    int cut_segue_gain; /* Default is: -3000 */
    int cut_hook_start_point; /* Default is: -1 */
    int cut_hook_end_point; /* Default is: -1 */
    int cut_talk_start_point; /* Default is: -1 */
    int cut_talk_end_point; /* Default is: -1 */
};
```

RETURN VALUE

On success, zero is returned. Using the provided parameters an `rd_cut` 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 Numer.

403 Invalid User Authentication.

404 No Such Cart Exists or Invalid Permissions.

500 Unable to Create Cut - No New Cuts.

nnn Unknown Error Occurred.