

---

## 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.