
Name

rd_listcarts — Rivendell List Carts C Library Function

Synopsis

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

```
int RD_ListCarts(cart[], hostname[], username[], passwd[], ticket[],  
group_name[], filter[], type[], user_agent[], numrecs);
```

```
struct rd_cart * cart[];  
const char hostname[];  
const char username[];  
const char passwd[];  
const char ticket[];  
const char group_name[];  
const char filter[];  
const char type[];  
const char user_agent[];  
unsigned * numrecs;
```

Description

RD_ListCarts is the function to use to list the carts that already exists in the Rivendell Database.

This function lists the fields in a pre-existing cart. The user can also filter the records by group name, cart type, and/or a user provided search string.

Table 1. RD_ListCarts function call fields

| FIELD NAME | FIELD TYPE | MEANING | REMARKS |
|------------|------------------------------|--|--|
| *cart | Pointer to rd_cart structure | Memory location to store cart 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. |
| group_name | character array | Group Name | Optional |
| filter | character array | Filter - searches for specific strings within the following fields: Title, Artist, Client, Agency, Album, Label, Publisher, Composer, Conductor, Song_Id, | Optional |

| FIELD NAME | FIELD TYPE | MEANING | REMARKS |
|------------|--------------------|--|---|
| | | User_Defined, and Cart Number. | |
| type | character array | Type of Cart records. If set can be Audio, or Macro. | Optional |
| 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_cart structure which is stored in the provided memory locations. (See the **rd_listcartcuts(7)** man page for a listing of the rd_cart structure).

RETURN VALUE

On success, zero is returned. Using the provided parameters an rd_cart 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

403 User Authentication Error.

404 No Such Group Exists.

nnn Unknown Error Occurred.