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## 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.