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## Name

rd\_listcart — Rivendell List Cart C Library Function

## Synopsis

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

```
int RD_ListCart(cart[], hostname[], username[], passwd[], ticket[],  
cartnumber, user_agent[], numrecs);
```

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

## Description

**RD\_ListCart** is the function to use to list the fields within a cart that already exists in the Rivendell Database.

This function lists the fields in a pre-existing cart.

**Table 1. RD\_ListCart 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.
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\_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

400 Missing Cart.

403 User Authentication Error.

404 No Such Cart Exists.

nnn Unknown Error Occurred.