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## Name

rd\_audioinfo — Rivendell Audio Info C Library Function

## Synopsis

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

int RD_AudioInfo(audioinfo[], hostname[], username[], passwd[], ticket[], cartnumber, cutnumber, user_agent[], numrecs);

struct rd_audioinfo * audioinfo[];
const char hostname[];
const char username[];
const char passwd[];
const char ticket[];
const unsigned cartnumber;
const unsigned cutnumber;
const char user_agent[];
unsigned * numrecs;
```

## Description

**RD\_AudioInfo** is the function to use to get information about an entry in the audio store.

**Table 1. RD\_AudioInfo function call fields**

FIELD NAME	FIELD TYPE	MEANING	REMARKS
*rd_audioinfo	Pointer to rd_audioinfo structure	Memory location to store specific audioinfo data	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
cutnumber	unsigned integer	Cut 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\_audioinfo structure which is stored in the provided memory locations. The rd\_audioinfo structure has the following fields:

```
struct rd_audioinfo {
    unsigned cart_number; /* Cart Number */
    unsigned cut_number; /* Cut Number */
    int format;
    int channels;
    int samplerate;
    unsigned frames;
    unsigned length;
};
```

## RETURN VALUE

On success, zero is returned. Using the provided parameters an rd\_audioinfo 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 Number/Cut Number.

400 Unknown Audio Format.

403 User Authentication Error.

404 No Such Cart Exists.

404 No Such Audio Exists.

nnn Unknown Error Occurred.