
Name

rd_listsystemsettings — Rivendell System Settings C Library Function

Synopsis

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

int RD_ListSystemSettings(system_settings[], hostname[], username[],
passwd[], ticket[], user_agent[], numrecs);

struct rd_system_settings * system_settings[];
const char hostname[];
const char username[];
const char passwd[];
const char ticket[];
const char user_agent[];
unsigned * numrecs;
```

Description

RD_ListSystemSettings is the function to use to get information about the audio store.

Table 1. RD_ListSystemSettings function call fields

FIELD NAME	FIELD TYPE	MEANING	REMARKS
*rd_system_settings	Pointer to rd_sys- tem_settings structure	Memory location to store specific system set- tings 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 Pass- word	Mandatory When NO Ticket Provided
ticket	Character Array	Rivendell Authentifica- tion Ticket	Mandatory When NO User/Password Pair Pro- vided.
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 re- turned	Mandatory

When successful function will return the number of records sent (numrecs) and a rd_system_settings structure which is stored in the provided memory locations. The rd_system_settings structure has the following fields:

```
struct rd_system_settings {
    char realm_name[257];
```

```
    unsigned sample_rate;
    int dup_cart_titles;
    unsigned max_post_length;
    char isci_xreference_path[1021];
    char temp_cart_group[41];
};
```

RETURN VALUE

On success, zero is returned. Using the provided parameters an `rd_system_settings` 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 Internal Error.

403 User Authentication Error.

nnn Unknown Error Occurred.