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_system_settings structure	Memory location to store specific system settings 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 Authentification Ticket	Mandatory When NO User/Password Pair Provided.
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_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 Authentification Error.

nnn Unknown Error Occurred.