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## Name

rd\_listlogs — Rivendell List Logs C Library Function

## Synopsis

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

int RD_ListLogs(logline[], hostname[], username[], passwd[], ticket[],
logname[], servicename[], trackable, filter[], recent, user_agent[],
numrecs);

struct rd_logline * logline[];
const char hostname[];
const char username[];
const char passwd[];
const char ticket[];
const char logname[];
const char servicename[];
const int trackable;
const char filter[];
const int recent;
const char user_agent[];
unsigned * numrecs;
```

## Description

**RD\_ListLogs** is the function to use to list the log files that are stored within the Rivendell Database.

This function lists the names of the Log Files in the system.

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

FIELD NAME	FIELD TYPE	MEANING	REMARKS
*logline[]	Pointer to rd_logline structure	Memory location to store logline 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.
servicename	character array	Service Name	Optional
logname	character array	Log Name	Optional
trackable	integer	Limit returns to logs that contain voicetrack(s). 0=No, 1=Yes (Default).	Optional

FIELD NAME	FIELD TYPE	MEANING	REMARKS
filter	Character Array	Limit returns to logs that contain the specified string in their Name, Description or Service fields.	Optional
recent	integer	Return only the 14 most recently modified logs.	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 rd\_log structure which is stored in the provided memory locations. The rd\_log structure has the following fields:

```
struct rd_log {
    char  log_name[41];
    char  log_service[41];
    char  log_description[257];
    char  log_origin_username[1021];
    struct tm  log_origin_datetime;
    struct tm  log_purge_date;
    struct tm  log_link_datetime;
    struct tm  log_modified_datetime;
    int  log_autorefresh;
    char  log_startdate[30];
    char  log_enddate[30];
    int  log_scheduled_tracks;
    int  log_completed_tracks;
    int  log_music_links;
    int  log_music_linked;
    int  log_traffic_links;
    int  log_traffic_linked;
};
```

All character arrays above are the sizes listed and must be null-terminated. Character encoding is UTF-8.

## RETURN VALUE

On success, zero is returned. Using the provided parameters an rd\_log 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.

nnn Unknown Error Occurred.