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## Name

rd\_listlog — Rivendell List Log C Library Function

## Synopsis

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

```
int RD_ListLog(logline[], hostname[], username[], passwd[], ticket[],  
logname[], user_agent[], numrecs);
```

```
struct rd_logline * logline[];  
const char hostname[];  
const char username[];  
const char passwd[];  
const char ticket[];  
const char logname[];  
const char user_agent[];  
unsigned * numrecs;
```

## Description

**RD\_ListLog** is the function to use to list the log lines that are stored for a particular log file within the Rivendell Database.

This function lists the lines in a pre-existing Log File.

**Table 1. RD\_ListLog 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.
logname	character array	LogFile Name	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 rd\_logline structure which is stored in the provided memory locations. The rd\_logline structure has the following fields:

```
struct rd_logline {
    int logline_line;
    int logline_id;
    int logline_type;
    int logline_cart_type;
    unsigned logline_cart_number;
    unsigned logline_cut_number;
    char logline_group_name[11];
    char logline_group_color[10];
    char logline_title[1021];
    char logline_artist[1021];
    char logline_album[1021];
    int logline_year;
    char logline_label[257];
    char logline_client[257];
    char logline_agency[257];
    char logline_publisher[257];
    char logline_composer[257];
    char logline_conductor[257];
    char logline_user_defined[1021];
    int logline_usage_code;
    int logline_enforce_length;
    char logline_forced_length[10];
    int logline_evergreen;
    int logline_source;
    int logline_time_type;
    char logline_starttime[13];
    int logline_transition_type;
    int logline_cut_quantity;
    int logline_last_cut_played;
    char logline_marker_comment[1021];
    char logline_marker_label[257];
    char logline_origin_user[1021];
    struct tm logline_origin_datetime;
    int logline_start_point_cart;
    int logline_start_point_log;
    int logline_end_point_cart;
    int logline_end_point_log;
    int logline_segue_start_point_cart;
    int logline_segue_start_point_log;
    int logline_segue_end_point_cart;
    int logline_segue_end_point_log;
    int logline_segue_gain;
    int logline_fadeup_point_cart;
    int logline_fadeup_point_log;
    int logline_fadeup_gain;
    int logline_fadedown_point_cart;
    int logline_fadedown_point_log;
    int logline_duckup_gain;
    int logline_duckdown_gain;
    int logline_talk_start_point;
    int logline_talk_end_point;
    int logline_hook_mode;
    int logline_hook_start_point;
```

```
    int logline_hook_end_point;  
};
```

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

logline\_line is a integer which represents the line number in the log.

logline\_id is an integer which represents the line id (generated by rdlogedit).

logline\_type is an integer 0=Cart, 1=Marker, 2=Macro, 3=OpenBracket,  
4=CloseBracket, 5=Chain, 6=Track, 7=MusicLink, 8=TrafficLink,  
9=UnknownType.

logline\_cart\_type is an integer 1=Audio, 2=Macro.

logline\_cart\_number is an unsigned integer.

logline\_cut\_number is an unsigned integer.

logline\_group\_name is a character array.

logline\_group\_color is a character array. No value set is #000000.

logline\_title is a character array.

logline\_artist is a character array.

logline\_album is a character array.

logline\_year is the 4 digit year.

logline\_label is a character array.

logline\_client is a character array.

logline\_agency is a character array.

logline\_publisher is a character array.

logline\_composer is a character array.

logline\_conductor is a character array.

logline\_user\_defined is a character array.

logline\_usage\_code is an integer 0=UsageFeature, 1=UsageOpen, 2=UsageClose,  
3=UsageTheme, 4=UsageBackground, 5=UsagePromo, 6=UsageLast.

logline\_enforce\_length is a Boolean 0 = False, 1 = True.

logline\_forced\_length is the Length (Format HH:MM:SS.milliseconds).

logline\_evergreen is a Boolean 0 = False, 1 = True.

logline\_source is an integer 0=Manual, 1=Traffic, 2=Music,  
3=Template, 4=Tracker

logline\_time\_type is an integer 0 = Relative, 1=Hard, 255 = NoTime.

logline\_starttime is start Time (Format HH:MM:SS.milliseconds).

logline\_transition\_type is an integer 0=Play, 1=Segue, 2=Stop, 255=NoTrans.

logline\_cut\_quantity is an integer.

logline\_last\_cut\_played is an integer.

logline\_marker\_comment is a character array.

logline\_marker\_label is a character array.

logline\_origin\_user is a character array.

logline\_origin\_datetime is a struct tm.

logline\_start\_point\_cart is a integer. No Value = -1.

logline\_start\_point\_log is a integer. No Value = -1.

logline\_end\_point\_cart is a integer. No Value = -1.

logline\_end\_point\_log is a integer. No Value = -1.

logline\_segue\_start\_point\_cart is a integer. No Value = -1.

logline\_segue\_start\_point\_log is a integer. No Value = -1.

logline\_segue\_end\_point\_cart is a integer. No Value = -1.

logline\_segue\_end\_point\_log is a integer. No Value = -1.

logline\_segue\_gain is an integer. No Value = -3000.

logline\_fadeup\_point\_cart is a integer. No Value = -1.

logline\_fadeup\_point\_log is a integer. No Value = -1.

logline\_fadeup\_gain is an integer.

logline\_fadedown\_point\_cart is a integer. No Value = -1.

logline\_fadedown\_point\_log is a integer. No Value = -1.

logline\_duckup\_gain is a integer.

logline\_duckdown\_gain is a integer.

logline\_talk\_start\_point is a integer. No Value = -1.

logline\_talk\_end\_point is a integer. No Value = -1.

logline\_hook\_mode is a integer. No Value = -1.

logline\_hook\_start\_point is a integer. No Value = -1.

logline\_hook\_end\_point is a integer. No Value = -1.

## RETURN VALUE

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

404 No Such Log File Exists.

nnn Unknown Error Occurred.