
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.