

---

## Name

rd\_addlog — Rivendell Add Log C Library Function

## Synopsis

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

int RD_AddLog(hostname[], username[], passwd[], ticket[], log_name[],
svc_name[], user_agent[]);

const char hostname[];
const char username[];
const char passwd[];
const char ticket[];
const char log_name[];
const char svc_name[];
const char user_agent[];
```

## Description

**RD\_AddLog** is the function to use to add a log to an existing Rivendell Database.

This function adds the specified log to the Rivendell database on hostname. Default values are used when the log is created.

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

FIELD NAME	FIELD TYPE	MEANING	REMARKS
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.
log_name	Character Array	Name to assign to new log	Mandatory
svc_name	Character Array	Name of the Rivendell Service to own the new log	Mandatory
user_agent	Character Array	User Agent Value put into HTTP request	Optional (default is Rivendell-C-API/x.x.x)

## RETURN VALUE

On success, zero is returned.

If a server error occurs a -1 is returned. If a client error occurs a specific error number is returned.

## **ERRORS**

400 Invalid/Missing Parameter for LOG\_NAME or SVC\_NAME.

403 User Authentication Error.

404 User Permission Error or Invalid Service.

500 Unable to Create Log.

nnn Unknown Error Occurred.