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## Name

rd\_createticket — Rivendell Create Ticket C Library Function

## Synopsis

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

```
int RD_CreateTicket(ticketinfo[], hostname[], username[], passwd[],  
user_agent[], numrecs);
```

```
struct rd_ticketinfo * ticketinfo[];  
const char hostname[];  
const char username[];  
const char passwd[];  
const char user_agent[];  
unsigned * numrecs;
```

## Description

**RD\_CreateTicket** is the function to use to create a Authentication Ticket within the Rivendell Database.

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

FIELD NAME	FIELD TYPE	MEANING	REMARKS
*rd_audioinfo	Pointer to rd_ticketinfo structure	Memory location to store specific ticketinfo data	Mandatory
hostname	Character Array	Name Of Rivendell DB Host	Mandatory
username	Character Array	Rivendell User Name	Mandatory
passwd	Character Array	Rivendell User Password	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 a rd\_ticketinfo structure which is stored in the provided memory locations. The rd\_ticketinfo structure has the following fields:

```
struct rd_ticketinfo {  
    char ticket[40];  
    struct tm tkt_expiration_datetime;  
}
```

## RETURN VALUE

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