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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.