
Rivendell Notification Protocol

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Overview

This defines the IP protocol used to notify Rivendell components of changes to the state of database objects. Messages are sent by means of multicast UDP packets to port 20539.

The format of a message is as follows:

NOTIFY *obj-type action id*

| | | |
|-----------------|---|--|
| <i>obj-type</i> | The object type to which the message pertains. | |
| <i>action</i> | The action being reported. The following actions are defined: | |
| | ADD | The referenced object has just been added to the database. |
| | DELETE | The referenced object has just been deleted from the database. |
| | MODIFY | The referenced object has just been modified in the database. |
| <i>id</i> | Unique id of the object. | |

Object Types

The following object types are defined:

Carts

CART

Table 1. Cart Fields

| Field | Value |
|----------|------------------|
| obj-type | CART |
| id | Cart number |
| type | Unsigned Integer |

Logs

LOG

Table 2. Log Fields

| Field | Value |
|----------|----------|
| obj-type | LOG |
| id | Log name |
| type | String |