

JSON Messages

Identifier Heartbeat (example)

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| <pre>{ "collectingIdentifier" : { "identifierCode" : "C0:01", "identifierFirmware" : "1.04", "identifierProtocol" : 1, "sequenceNumber" : 1, "packetType" : "identifierheartbeat", "parameters" : { } } } }</pre> | <p>All objects of the Collecting Identifier are of type <code>'collectingIdentifier'</code> (<i>string</i>)</p> <p>The Identifier code is unique to each physical device Collecting Identifier. This code can be linked to the Tour Editor. When a visitor aims at the Collecting Identifier, this code will be seen by the Podcatcher and the corresponding audio object will be played (<i>string, range: C0:01-CF:FF</i>)</p> <p>The firmware version of the Collecting Identifier (<i>string, possible range: 1.00-99.99</i>)</p> <p>The protocol version of the Collecting Identifier (<i>integer, currently only version 1 exists</i>)</p> <p>Each <code>'packet'</code> has an (automatically increasing) sequence number (<i>unsigned 64-bit integer, starting with 1 as soon as the Collecting Identifier has power and set up a data connection to the host</i>)</p> <p>Each <code>'packet'</code> has a unique data type (<i>string</i>)</p> <p>Each <code>'packet'</code> has a (to the packetType corresponding list) of parameters (<i>object, can be empty</i>)</p> <p>(The heartbeat does not have any parameters)</p> |
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Podcatcher data object (example)

```
{
  "collectingIDentifier" :
  {
    "identifierCode" : "C0:01",
    "identifierFirmware" : "1.04",
    "identifierProtocol" : 1,
    "sequenceNumber" : 1,

    "packetType" : "podcatcherdata",

    "parameters" :
    {
      "visitorID" : 12345678,

      "podcatcherID" : "PC.001.000",

      "podcatcherFirmware" : "7.1",

      "tourID" : 1234,

      "tourLanguage" : "EN",

      "tourStartTime" : 12345,

      "tourVariables" :
      [
        3, 1, 20, 0, 4, null, null, 0, 250, null, null ...
      ]
    }
  }
}
```

A Podcatcher has been aimed at the IDentifier and data has been exchanged (*string*)

Globally unique identifier to distinguish a visitor with its tour (*unsigned 64-bit integer*)

The serial number of the Podcatcher (*string, range: PC.000.001-PC.999.999*)

Firmware version of the Podcatcher (*string, range: 0.00-99.99*)

Tour Editor unique tour ID of the activated tour (*unsigned 32-bit integer*)

Tour Editor language code of the activated *tour* (*string of 2 characters, mostly (uppercase) ISO 639-1, XX for 'unknown language', C1...C6 for 'custom language', KI for 'kids tour'*)

Start of the activated tour (*unsigned 32-bit integer, number of seconds that have passed since 1-1-2009 00:00:00*)

Array of 'tour variables' that can be set in the Tour Editor (*array of (at least) 100 elements*)

Each element in the array is null¹ if the Podcatcher has not played the clip with the corresponding variable (yet). (*nullable unsigned integer [0...250]¹*)

¹ Configurable; the default is *null*