



Application note:

Gekkota: Device XML status

Version 001_en *****

Context

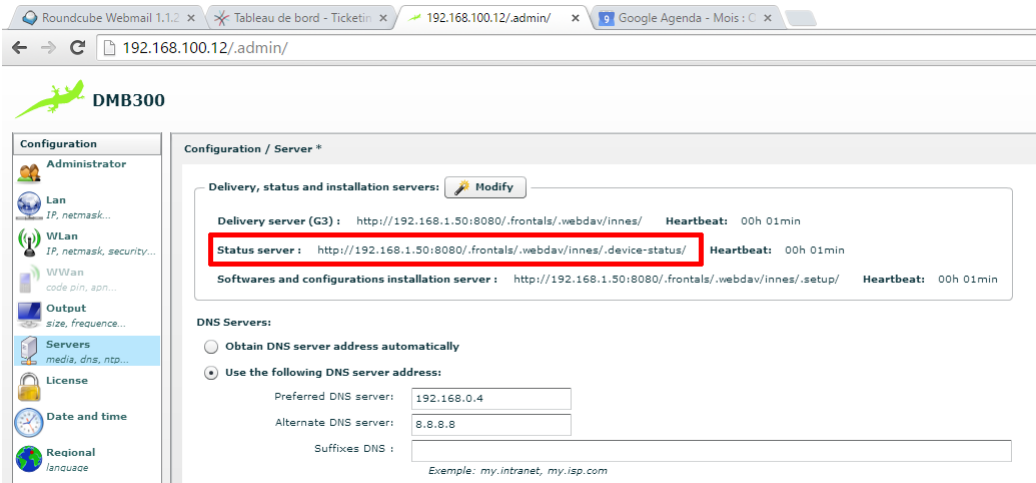
- This version is based on Gekkota 3.12.24

Description

- The XML status is a file containing some status permitting to know the global state of a device. Each INNES device has its own XML status. Gekkota is updating regularly its XML status.

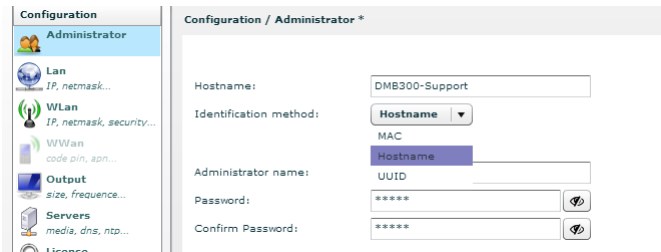
Export of XML status

- An option in WebUI (Server tab) is permitting to Gekkota to send the XML status to a WebDAV server with a wanted periodicity (called also heartbeat). This exportation is required especially in PlugnCast G3 configuration.



XML Status format name

- The file name of XML status has a specific format status.[ID].xml, with [ID] is the identification method configured in the device WebUI (Administrator tab)



- Examples:
 - status.00-1c-e6-02-00-c3.xml in case [ID] = MAC identification
 - status.DMB300-Support.xml in case [ID] = Hostname identification
 - status.03e00003-0000-0000-0000-001ce6020fb7.xml in case [ID] = UUID identification

State (in Status)

- Shows the current state of the device. It brings some explanation in case Gekkota is facing issue to play the payout
 - PLAY: The device is playing content
 - NO_CONTENT: The device has no content to show
 - SYSTEM: The device do a system action (like scanning channel)
 - TESTCARD: The device is displaying a test card (usefull to calibrate a monitor)
 - FAILSOFT: The device is in failsoft mode
 - FAILSOFT_CLEANUP: The device is in failsoft mode, and all medias of payout are removed

Date (in Status)

- Device's date with time zone

Start (in Downloader)

- Start date of download

Progress (in Downloader)

- Progress of download, float value between 0 and 1

Bitrate (in Downloader)

- Download speed in byte per second

Example of an XML status

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<device-status xmlns="ns.innes.playzilla" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <device>
    <id-type>UUID</id-type>
    <mac>00-1c-e6-02-01-70</mac>
    <hostname>sma200</hostname>
    <uuid>022000d0-0000-0000-0000-0001ce6020170</uuid>
    <modelName>sma200</modelName>
    <modelNumber>3.12.24</modelNumber>
    <serialNumber>00340-00208</serialNumber>
    <field1>F1</field1>
    <field2>F2</field2>
    <field3>F3</field3>
    <field4>F4</field4>
    <field5>F5</field5>
    <ip-addresses>
      <ip-address>
        <if-type>LAN</if-type>
        <origin>dhcp</origin>
        <value>192.168.1.49</value>
      </ip-address>
    </ip-addresses>
  </device>
</device-status>
```

```
<ip-address> <if-type>LAN</if-type> <origin>auto</origin> <value>fc00::21c:e6ff:fe02:170</value> </ip-address> </ip-addresses> <addons/> </device> <status> <date>2015-10-14T09:26:59.245221+02:00</date> <launcher> <start>2015-10-13T14:09:26Z</start> <manifest-metadata xmlns:pzpm="ns.innes.playzilla.manifest"> <pzpm:publish-id>5a0cd982-d37c-4c70-95be-6e3caebd95e9</pzpm:publish-id> <pzpm:publish-size>218752954</pzpm:publish-size> <pzpm:publish-generator>Innes Screen Composer G3 V3.11.12</pzpm:publish-generator> <pzpm:publish-date>2015-10-13T14:09:24.187Z</pzpm:publish-date> </manifest-metadata> <state>PLAY</state> <messages> <message> <severity>ERROR</severity> <subject>NETWORK</subject> <description><![CDATA[Net connection refused for download request 'https://essaig3.plugincast.com/.frontals/.webdav/workspacesaas.fred1.com/.setup/022000d0-0000-0000-0000-001ce6020170.configuration.js']]></description> </message> </messages> </launcher> <downloader> <state>INTERNAL_RESOURCES</state> <start>2015-10-14T07:25:19Z</start> <manifest-metadata xmlns:cms="ns.innes.plugincast.cms" xmlns:pzpm="ns.innes.playzilla.manifest"> <cms:playout-id>1dcb1233-8a02-4742-a0f5-fed87ee58a85</cms:playout-id> <cms:playout-label>VpA - Gros playout</cms:playout-label> <pzpm:publish-id>d7802692-285f-4920-82b9-e8f5d2e8587d</pzpm:publish-id> <pzpm:publish-size>451393398</pzpm:publish-size> <pzpm:publish-generator>Cms 3.10.23.beta2</pzpm:publish-generator> <pzpm:publish-date>2015-10-14T07:24:45.207Z</pzpm:publish-date> </manifest-metadata> <progress>0.13</progress> <bitrate>736990</bitrate> <downloader> <storage> <total unit="byte">3902002176</total> <used unit="byte">328794112</used> </storage> <setup> <configuration> <metadatas> <metadata name="setup-id" xsi:type="xs:string">461eb8ec-da94-479f-8b9d-3585d7ad1571</metadata> <metadata name="setup-generator" xsi:type="xs:string">Cms 3.10.21_beta11</metadata> <metadata name="setup-date" xsi:type="xs:string">2015-09-10T09:19:30.103Z</metadata> </metadatas> <version>2015-09-10T09:19:30Z</version> </configuration> </setup> </status> </device-status>
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<device-status xmlns="ns.innes.playzilla" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <device>
    <id-type>UUID</id-type>
    <mac>00-1c-e6-02-01-70</mac>
    <hostname>sma200</hostname>
    <uuid>022000d0-0000-0000-0000-001ce6020170</uuid>
    <modelName>sma200</modelName>
    <modelNumber>3.12.24</modelNumber>
    <serialNumber>00340-00208</serialNumber>
    <field1>F1</field1>
    <field2>F2</field2>
    <field3>F3</field3>
    <field4>F4</field4>
    <field5>F5</field5>
    <ip-addresses>
      <ip-address>
        <if-type>LAN</if-type>
        <origin>dhcp</origin>
        <value>192.168.1.49</value>
      </ip-address>
      <ip-address>
        <if-type>LAN</if-type>
        <origin>auto</origin>
        <value>fc00::21c:e6ff:fe02:170</value>
      </ip-address>
    </ip-addresses>
    <addons/>
  </device>
  <status>
    <date>2015-10-14T09:26:59.245221+02:00</date>
    <launcher>
      <start>2015-10-13T14:09:26Z</start>
      <manifest-metadata xmlns:pzpm="ns.innes.playzilla.manifest">
        <pzpm:publish-id>5a0cd982-d37c-4c70-95be-6e3caebd95e9</pzpm:publish-id>
        <pzpm:publish-size>218752954</pzpm:publish-size>
        <pzpm:publish-generator>Innes Screen Composer G3 V3.11.12</pzpm:publish-generator>
        <pzpm:publish-date>2015-10-13T14:09:24.187Z</pzpm:publish-date>
      </manifest-metadata>
      <state>PLAY</state>
      <messages>
        <message>
          <severity>ERROR</severity>
          <subject>NETWORK</subject>
          <description><![CDATA[Net connection refused for download request 'https://essaig3.plugincast.com/.frontals/.webdav/workspac</description>
        </message>
      </messages>
    </launcher>
    <downloader>
      <state>INTERNAL_RESOURCES</state>
      <start>2015-10-14T07:25:19Z</start>
      <manifest-metadata xmlns:cms="ns.innes.plugincast.cms" xmlns:pzpm="ns.innes.playzilla.manifest">
        <cms:playout-id>1dcb1233-8a02-4742-a0f5-fed87ee58a85</cms:playout-id>
        <cms:playout-label>VpA - Gros playout</cms:playout-label>
        <pzpm:publish-id>d7802692-285f-4920-82b9-e8f5d2e8587d</pzpm:publish-id>
        <pzpm:publish-size>451393398</pzpm:publish-size>
        <pzpm:publish-generator>Cms 3.10.23.beta2</pzpm:publish-generator>
        <pzpm:publish-date>2015-10-14T07:24:45.207Z</pzpm:publish-date>
      </manifest-metadata>
      <progress>0.13</progress>
      <bitrate>736990</bitrate>
    </downloader>
    <storage>
      <total unit="byte">3902002176</total>
      <used unit="byte">328794112</used>
    </storage>
    <setup>
      <configuration>
        <metadatas>
          <metadata name="setup-id" xsi:type="xs:string">461eb8ec-da94-479f-8b9d-3585d7ad1571</metadata>
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        </metadatas>
        <version>2015-09-10T09:19:30Z</version>
      </configuration>
    </setup>
  </status>
</device-status>
```