INNES

Application Note

Script infrared/keyboard

for PlugnCast G3

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Version 001A

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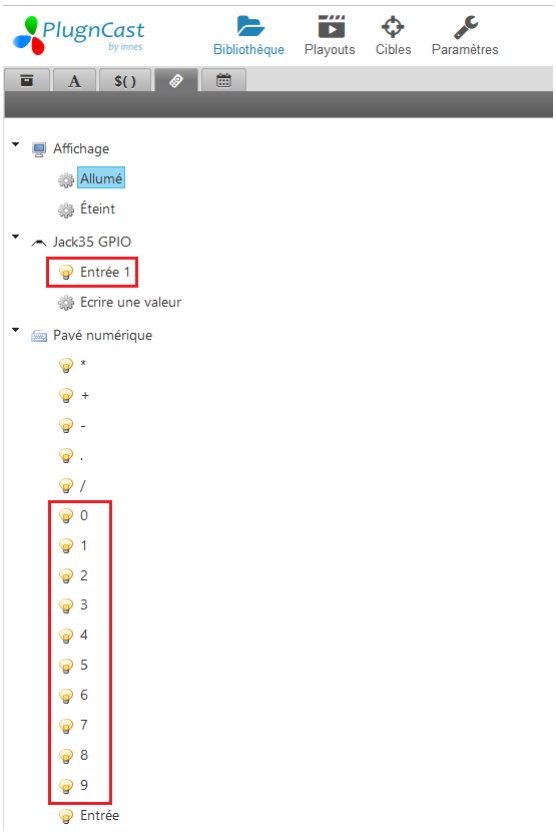
1 Introduction

In case your PlugnCast G3 version does not support yet the ontology (for example, not able to drop **Jack35 GPIO** event or « **Pavé numérique »** event in a multimedia sequence), a script has been implemented to be able to play a media when using keyboard of remote control.



2 Delivery content

The script **keypadmedia-V1.10.12.js** is a script which has to be renamed **keypadmedia.js** and inserted in your PlugnCast G3 **Playouts > "script to execute"**

The file **keypadmedia.txt** is the file containing the list of media to be played in an alternative media at the place of your medias list played in main zone, depending on key number pressed. You have to fully adapt this file to your needs.

Note: don't modify the files names above

3 Prerequisites

The following conditions must be filled:

- PlugnCast G3 3.12.33 (or above)
- Players
  - DMB300,
    - Remote control universal "white/20 keys" or
    - USB keyboard plugged on the player as well

  - SMA300
    - Remote control universal “white/20 keys” or
    - USB keyboard plugged on the player as well
  - DMC200 (with EDPL V11 or above)
    - Remote control universal “grey/28 keys” or
    - USB keyboard plugged on the player as well
  - SMT210, SMA200, SMP200, MS-Windows
    - USB keyboard plugged on the player

- Gekkota V3.12.33 (or above)

Note in case using the remote control: in case you don’t have a INNES remote control, a specific one (white/20 keys) needs to be ordered to INNES. The infrared sensor (type 2238) has to be plugged on « IR » Jack35 connector (don’t mistake by plugging the infrared sensor on the audio Jack35 connector). The « IR » connector has to be configured as « infrared » (and not « GPIO » input/output). For more information on this last point, please refer to Gekkota application note GPIO configuration

4 Description

4.1 Infrared or USB keyboard

The script and the text file permits to add the possibility to play a specific media when a key (between 1 and 9) is pressed (through infrared remote control or USB keyboard).

4.2 Supported media type when playing specific media

The specific media type played when a key is pressed can be

- Maff,
- Video,
- PDF,
- Image,
- WGT,
- MS-PowerPoint (Please refer to Gekkota supported media and performances).

4.3 Key « 0 »

When pressing key number 0, the specific media stops to be played. And the medias list of the main zone are played back again.

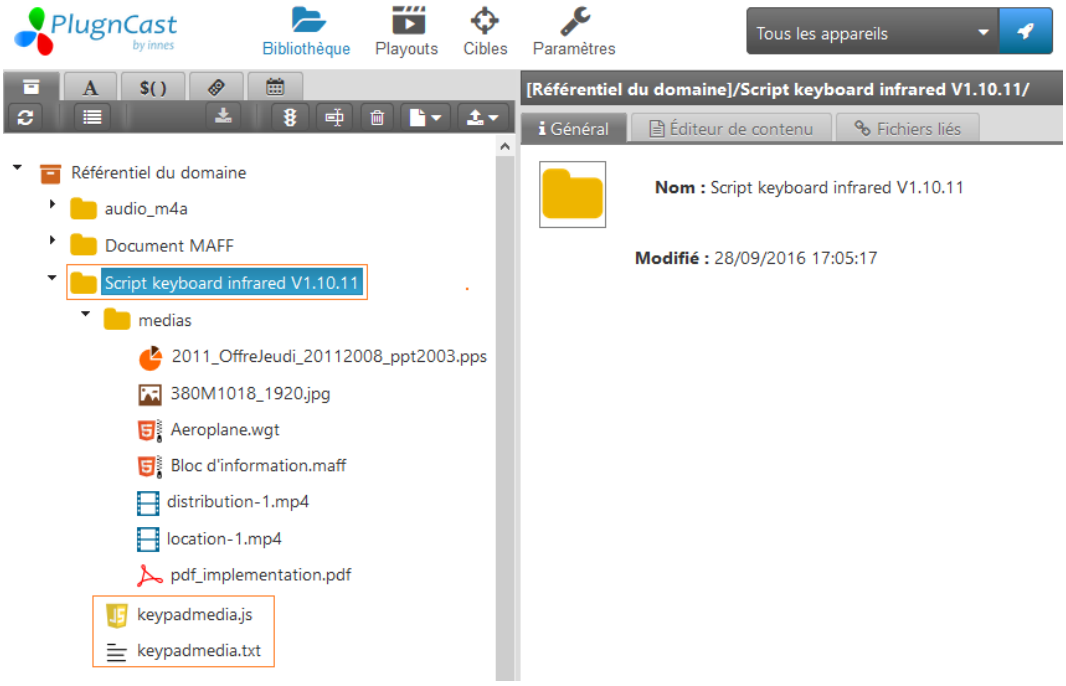
5 Configuration

- Prepare the list of the medias to be played each time a key (between number 1 to 9) is pressed and describe their behaviour
  - Behaviour « **media** » : played once (and entirely).
  - Behaviour « **infinite** » : played infinitely (loop back at the end).

For example :

Key number	Behaviour	media pathfile name
0	Not applicable	Not applicable
1	infinite	/Script keyboard infrared V1.10.12/medias/distribution-1.mp4
2	media	/Script keyboard infrared V1.10.12/medias/location-1.mp4
3	media	/Script keyboard infrared V1.10.12/medias/380M1018_1920.jpg
4	media	/Script keyboard infrared V1.10.12/medias/Aeroplane.wgt
5	media	/Script keyboard infrared V1.10.12/medias/pdf_implementation.pdf
6	media	/Script keyboard infrared V1.10.12/medias/2011_OffreJeudi_20112008_ppt2003.pps
7	media	/Script keyboard infrared V1.10.12/medias/Bloc d'information.maff
8		
9		

- Open PlugnCast G3
- In library, create a directory (ex : to **Script keyboard infrared V1.10.12 /**) and drop the files
  - **keypadmedia.js** and
  - **keypadmedia.txt**

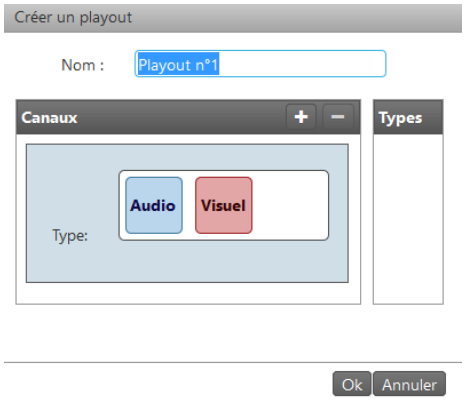


- In the directory **Script keyboard infrared V1.10.12/,** create a directory **medias/**
- Copy all the medias (to be played when a key is pressed) in **Script keyboard infrared V1.10.12/medias/**
- Edit **keypadmedia.txt** and fill it according to the table above (as example)

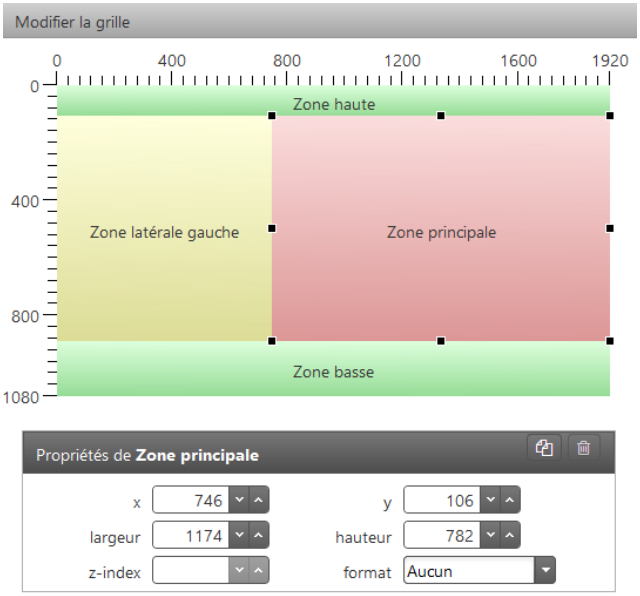
Keypadmedia.txt

```
1,infinite,/Script keyboard infrared V1.10.12/medias/distribution-1.mp4
2,media,/Script keyboard infrared V1.10.12/medias/location-1.mp4
3,media,/Script keyboard infrared V1.10.12/medias/380M1018_1920.jpg
4,media,/Script keyboard infrared V1.10.12/medias/Aeroplane.wgt
5,media,/Script keyboard infrared V1.10.12/medias/pdf_implementation.pdf
6,media,/Script keyboard infrared V1.10.12/medias/2011_OffreJeudi_20112008_ppt2003.pps
7,media,/Script keyboard infrared V1.10.12/medias/Bloc d'information.maff
```

- Create a playout audio-visual as usual

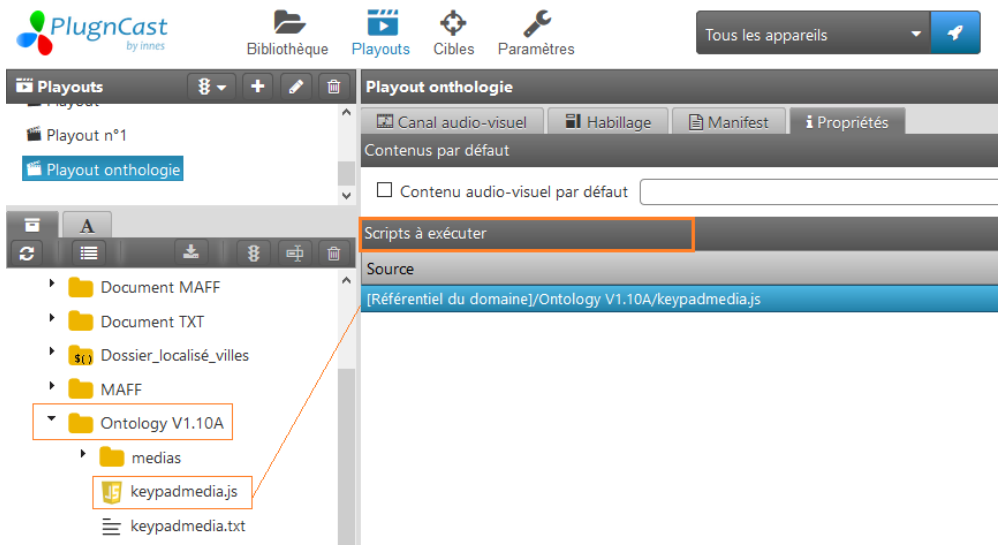


- Create different zones (if required) and organize your layout

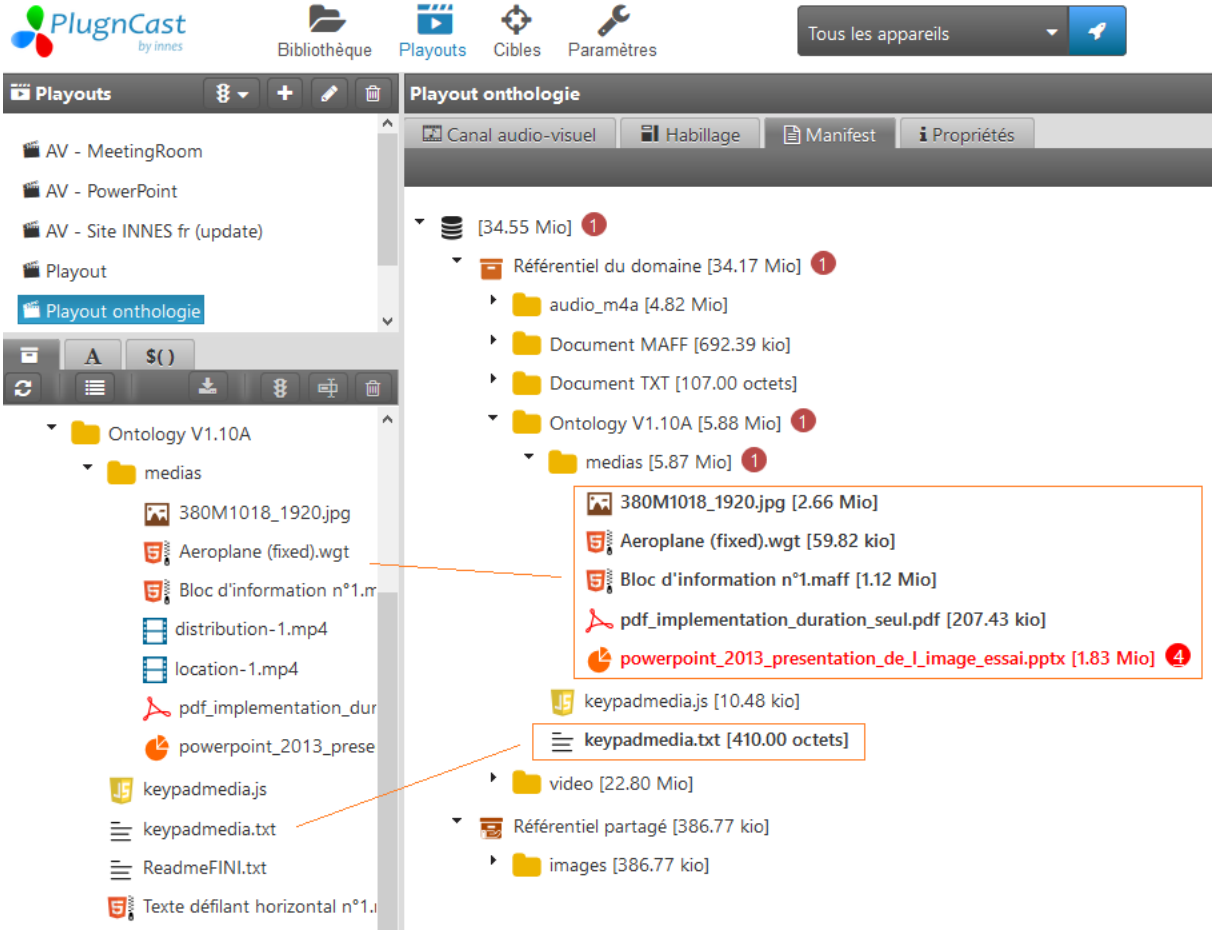


Note : the specific media played when a key is pressed will be played in main zone

- Organize your playout (as usual)
- Drag'n drop the file **keypadmedia.js** from
  - **Library** to
  - **Playouts > Propriétés > Scripts à exécuter**



- Drag'n drop all the specific medias (needed when key is pressed) from
  - **Library** to
  - **Playouts > Manifest**
- Drag'n drop **keypadmedia.txt** from
  - **Library** to
  - **Playouts > Manifest**



- Publish your playout and wait for while, the time for the player to take and play this playout
- With the remote control (or USB keyboard), pressed on of the key numbers which are associated to a media, the player should play the requested media.