

User's manual – Videoporama (V0.5)

1 General presentation

Videoporama is an application to make images slideshow in video format dv, vcd, svcd, xvcd et dvd.

Folowing options are available :

- Setting of image display time (per image)
- Transitions between images (fade, slide, ...), with transition definition type image per image. For each transition type, available options are shown.
- Video format : PAL, NTSC, SECAM
- Output file formats available : raw dv, avi type1, avi type 2, raw dv (dif), mpg (for vcd, svcd, xvcd et dvd)
- Add sound file (wav, mp3 or ogg). The sound file is automatically adapted to the slideshow's length.
- Add a background image file or a background color to image which are in portrait.

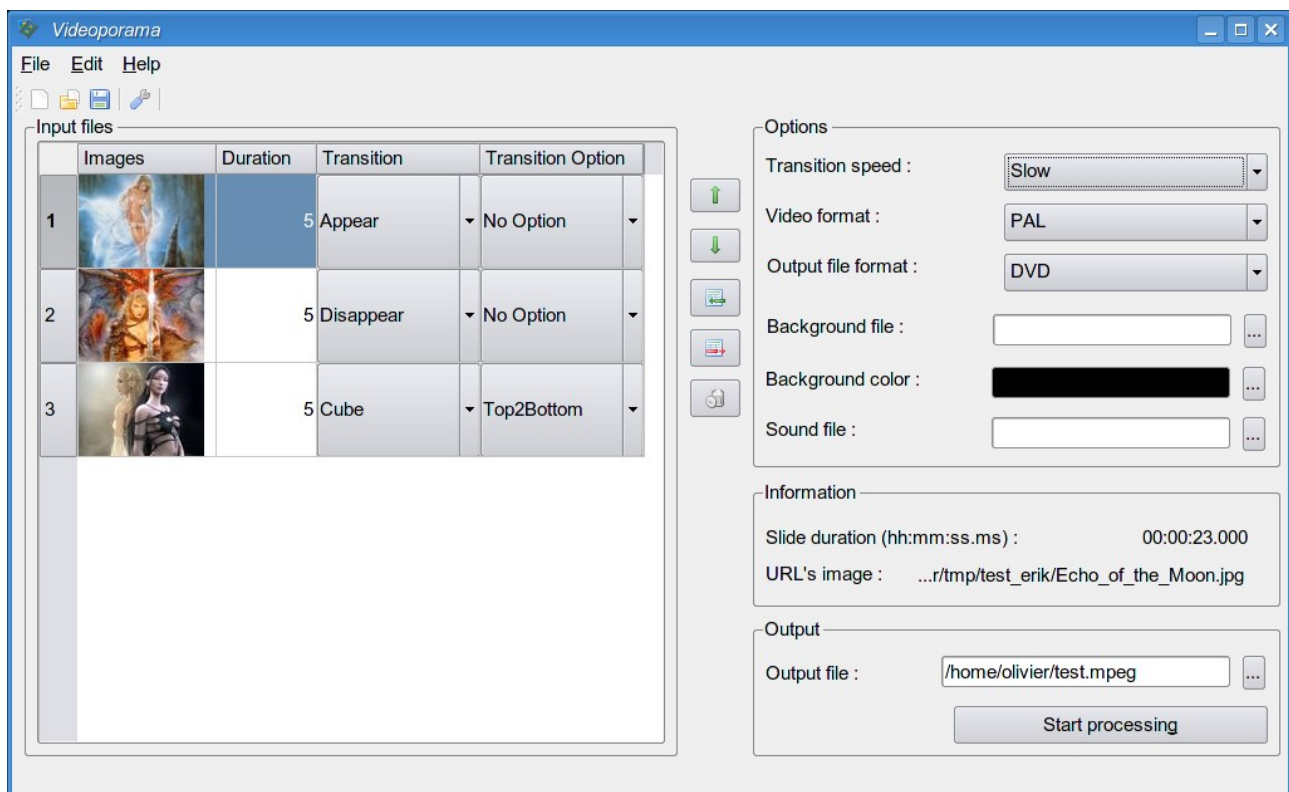





Figure 1. Main window



2 Utilisation (Quick guide)

2.1 Add or remove images

To add an image to the project, click on this button . Then, select the image file in the new window. The selected image is added to the project and it's shown in the list.

To remove an image from the project's list, select the wanted image and press this button . To remove all image, press this button .

Notice :

- *New images are added at the end of the project list. It's possible to adapt the position of the selected image with these button  and .*
- *The image display time added automatically is define in configuration's options. This time can be adapted directly in the images project list.*
- *The image are added with default transition which is define in configuration's options. The transition option is the first one of the list. The transitions and the transitions options can be changed directly in the images project list.*

2.2 Définition of slideshow's options

The slideshow's options are defined in the right part of the user's interface.

The meaning of each option and the possible choice are described here :

- **Transition speed :** The possible choice are :
 - Very slow : 100 images (4 sec in PAL/SECAM)
 - Slow : 50 images (2 sec in PAL/SECAM)
 - Medium : 25 images (1 sec in PAL/SECAM)
 - Medium+ : 20 images (800 ms in PAL/SECAM)
 - Fast : 10 images (400 ms in PAL/SECAM)
 - Very fast : 5 images (200 ms in PAL/SECAM).
- **Background file :** Non required option to define the background image file to add to image which are in portrait. The background image file must be at 768x576 pixel and can be jpeg or png.
- **Background color :** To define the background color to add to image which are in portrait.

Notice : the « Background file » option is priority on « Background color » option.
- **Sound file :** To define the sound file to use to add a sound to slideshow. The following formats are accepted ; « wav », « ogg » and « mp3 ».

- **Video format :** To define the video norme to use. The following choices are possible ; « PAL », « NTSC » and « SECAM ».
- **Output file format :** To define the video format. The following choices are possible :
 - RAW dv
 - AVI type 1 (codec dv)
 - AVI type 2 (codec dv)
 - RAW dif (vidéo dv avec extension .dif)
 - VCD
 - SVCD
 - XVCD
 - DVD

2.3 Export of the projet

To finalize the project, it's necessary to define the output file in the right case. The file name is define without extension. This one will be automatically added in function of the output file format define.

To start the conversion job, click on the button « Start conversion ».

The conversion progress is displayed in a progression bar.

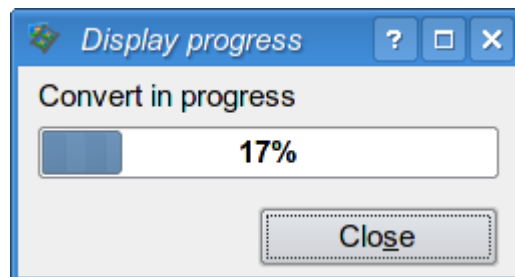


Figure 2. Progression display.

Notice : It's also possible to save the project's parametre in a « .idv » file. To save the project, go to du menu « File -> Save » or by clicking the corresponding icon.

2.4 Transition's type

The transition definie to an image is the one which will apply between this image and the **following** one.


Notice : The first transition is always fade from black image.

The transition types are :

- Transitions without option :

- None : No transition.
- Fade : Fade between images.
- Appear : The following image appear in growing zoom until present image is masked.
- Disappear : The image disappear in decreasing zoom on the following image.
- Transition with options :
 - Slide : The following image go over the previous one.
 - Cube : The two images of the transition are as on a rotating cube.
 - Push : The following image push the previous one.
 - **Options** : The transition's options of Slide, Cube and Push are :
 - Left2Right : The transition go from left to right.
 - Right2Left : The transition go from right to left.
 - Top2Bottom : The transition go from top to bottom.
 - Bottom2Top : The transition go from bottom to top.
 - Luma : The transition is defined by a black and white image (image luma). The options contain the images luma which are in the subfolder « luma » localized in the videoporama installation folder (/usr/local/share/videoporama or /usr/share/videoporama).

3 Configuration

Before the first usage, it's necessary to check the configuration. The configuration is accessible by the menu Edition -> Configuration or by the icon  .

The configuration window is divided in two part ; the left part is to define the external binaries folder and the temporary folder and the right part is to define the default options applied to new project.

The button « Check the config » is to check that the external binaries folder and the temporary folder are correctly defined.

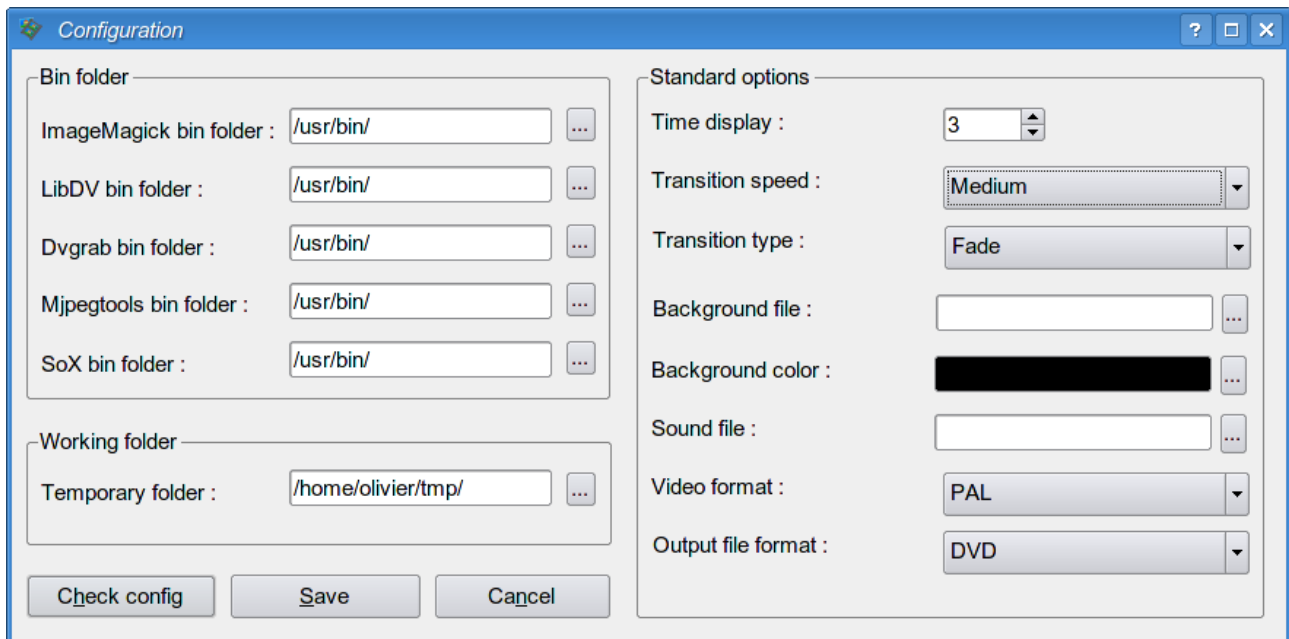


Figure 3. Configuration window.

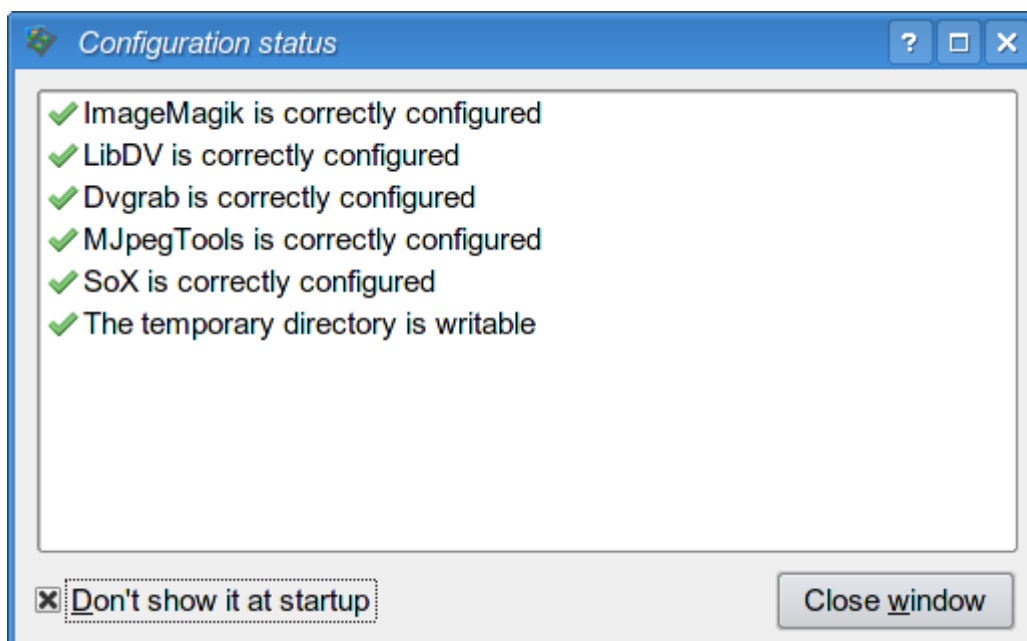


Figure 4. Check configuration window.

4 Installation

This application has an installation script made with distutils tools. The installation is made by uncompressed the tar.gz file in a folder at choice. In a shell, go to the new folder that was created and execute, in root, the following command :

```
# python setup.py install
```

To start the application, execute this command in a shell :

\$ videoporama

It's also possible to create a desktop shortcut or a menu entry. For that, there's application icon (image2dv.png) available in the subfolder « icons » in the installation folder (Usually in /usr/locale/share/videoporama/ or /usr/share/videoporama/).

Notice : *To be able to execute correctly, the application need some configuration files. At first application start, those files are created in hidden subfolder located in user folder (.videoporama). If the application is used by many users, there will have configurations files to each users.*