

Notes on Pictures to Exe Video Builder

General

This is an application for creating DVD's. Can add one or more projects to a DVD and create a menu to select and launch each one. Saves information in a .ptv file rather than .pte

It is Independent of project currently opened – can launch from eg C:\Program Files\WnSoft PicturesToExe\9.0\VideoBuilderVideoBuilder.exe.

Normal DVD standard is 720 by 576 pixels for PAL, (720 x 480 NTSC)

HD DVD now superceded by Blu-Ray is 1920 x 1080 px

Audio_TS may contain audio in various formats. However can also generate audio from 5.1 channel audio in the Video_TS stream.

Project options

Launch VideoBuilder from PTE via Publish | DVD_Video Disc....

Go to Project Options and set as follows

TV system: PAL / SECAM

Menu and TV aspect ratio probably 16:9

Bit rate & video type – leave

Audio: MPEG bit rate 224 kbps?

Repeat playback of disc: Check if want to repeat when reaches end

Return to menu: If making a menu (see later) seems sensible to check this so after playing each project returns to menu.

Note the word Title is in our case each project. These will be separate entries on the menu.

Add chapters: Chapters are subdivisions of titles that allow easy navigation – like scenes in a film. If add chapters is checked adds a marker every number of minutes specified that can jump to.

Add projects

If launched from PTE there will already be the current project in the bottom window. However can add or remove this and any other projects using the browser window at the left, selecting the project in the main window and using add or remove buttons. Note you must select the project (.pte) file

Decide if want a menu by checking the create menu box near Project Options.

With the combo box to the right of the menu checkbox you can select the size of DVD you are using (in GB) DVD 1.4, DVD 4.7, or DVD 8.5 then the bar shows how much space will be taken.

Click next. If you've checked "Create menu" then you get the page for creating the menu. Otherwise you go straight to the create screen.

Menu

Note that there is a TV safe area which is the area that can be guaranteed to be visible on the TV screen. This is shown by Edit | Show safe TV zone or right-click. Useful to turn on to check text will be visible. The safe zone **also applies to the main sequence** so the outside of the images may be omitted. There is a trick to avoid this by making all objects children of a 1920x1080 slide then reducing by 92% before making the DVD. Safe area is more applicable to older televisions

First select a template. Can actually make own and add to library.

Select number of items (AVs) that want on each page of menu and arrangement (columns x rows). If you have selected more AVs than will fit on a page with that arrangement, then creates extra pages.

Each AV gets a frame and a title. These and overall title are all configurable to quite an extent by selecting them and then clicking properties. They can also be dragged around

Frame for an AV can show an image from sequence (right click to select frame). If check animated menu then shows rest of sequence in box when menu is displayed. If check “menu duration” then can limit it to x seconds of the sequence (starting at the selected frame?)

Check Background Image to allow selection of an image behind the frames of the AVs.

If you want background music whilst menu is showing, Check the Music checkbox and select a music file in the file selector below.

The Hue, Saturation and Lightness option under the Items combo box changes the colours of all items in the menu except the clips in the frames

Click next to get the create page.

Create page

Before you create anything remember to save your Video Builder project so you can come back to it. File | Save As...

Can create following.

For all create options can add (one?) other folder (containing files) to disk as well. These won't be part of the DVD but can be looked at.eg set of pictures still pictures in DVD. This option is at the bottom.

MPEG2 files

Makes an individual MPEG2 file for each AV. No menu.

DVD folders

Makes all files necessary for DVD.

Creates BUP, IFO, VOB files that will be on the final disk. VOB files contain multiplexed video and audio information in MPEG2 format. Each title set (VTS) is broken into VOB files of no more than 1GB. IFO file is information about a set of VOB files. BUP is an identical backup of the IFO.

To make a DVD need to burn the AUDIO_TS and VIDEO_TS folders to disk. Can also add other folders and files before burning. These are ignored by DVD player. AUDIO_TS is generally empty as think derive audio from video.

ISO image

A single image of the DVD folders ready to transfer to a DVD. Useful if want multiple copies as don't have to go through conversion process

On previous screen there is a command File | Burn ISO image... where can select an image and burn to a DVD.

Burn disc

Burn directly to DVD disk.

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