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## 1. INTRODUCTION

In this tutorial, we will illustrate, step-by-step, how to create a DVD with introductory video, subtitles, pan and zoom, and closing credits.

The generated DVD should be the same as the one generated by 'Demo project (with subtitles)' which can be downloaded at <http://www.hkotech.com/dvdac/download.php>.

## 2. CREATE SLIDESHOWS

### 2.1 Preparation

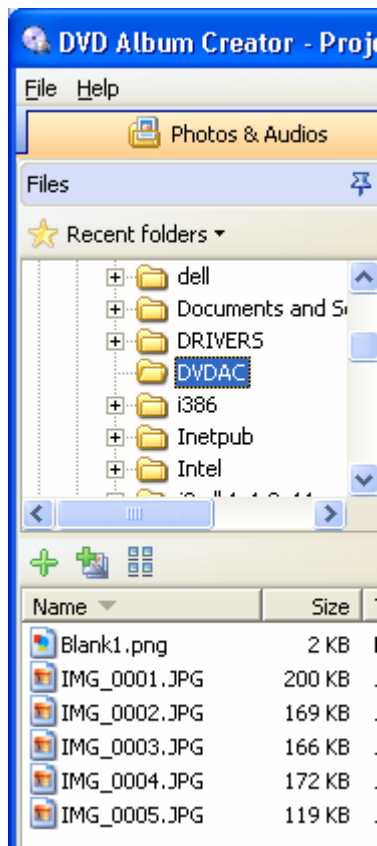
First of all, install DVD Album Creator, and then launch DVD Album Creator. DVD Album Creator can be launched by:

- Double click the DVD Album Creator icon from the Windows Desktop, or
- Click 'Start' -> 'All Programs' -> 'DVD Album Creator' program group -> 'DVD Album Creator' icon

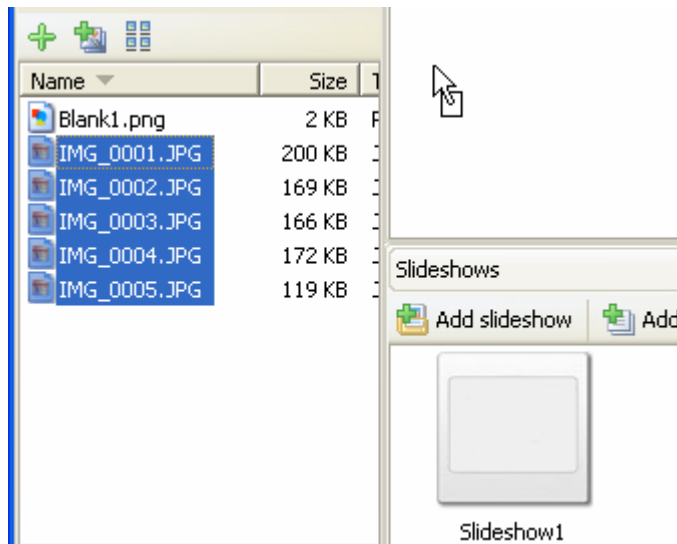
The pictures used in this illustration can be downloaded at <http://www.hkotech.com/dvdac/download.php> (Demo project with subtitles). Please follow the instructions in the readme.txt to unzip the pictures to the folder 'C:\DVDAC'.

### 2.2 Add First Slideshow

In the file pane, navigate to the folder 'C:\DVDAC':

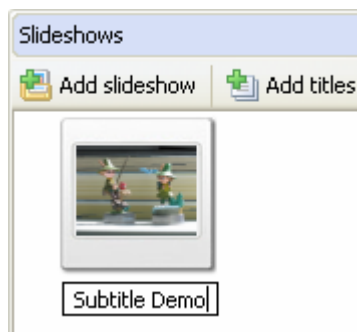


The available images will be shown below the file pane. Drag and drop the pictures IMG\_0001.JPG to IMG\_0005.JPG to the photo pane:



You have already created the first slideshow with pictures!

Then press function key 'F2' to rename the slideshow to 'Subtitle Demo':

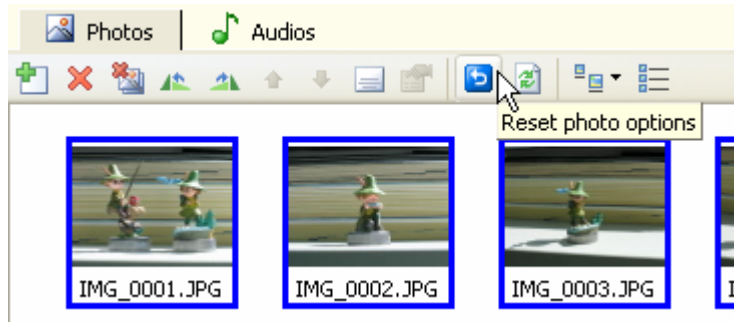


The slideshow name 'Subtitle Demo' will then be shown in the DVD menu created during compilation.

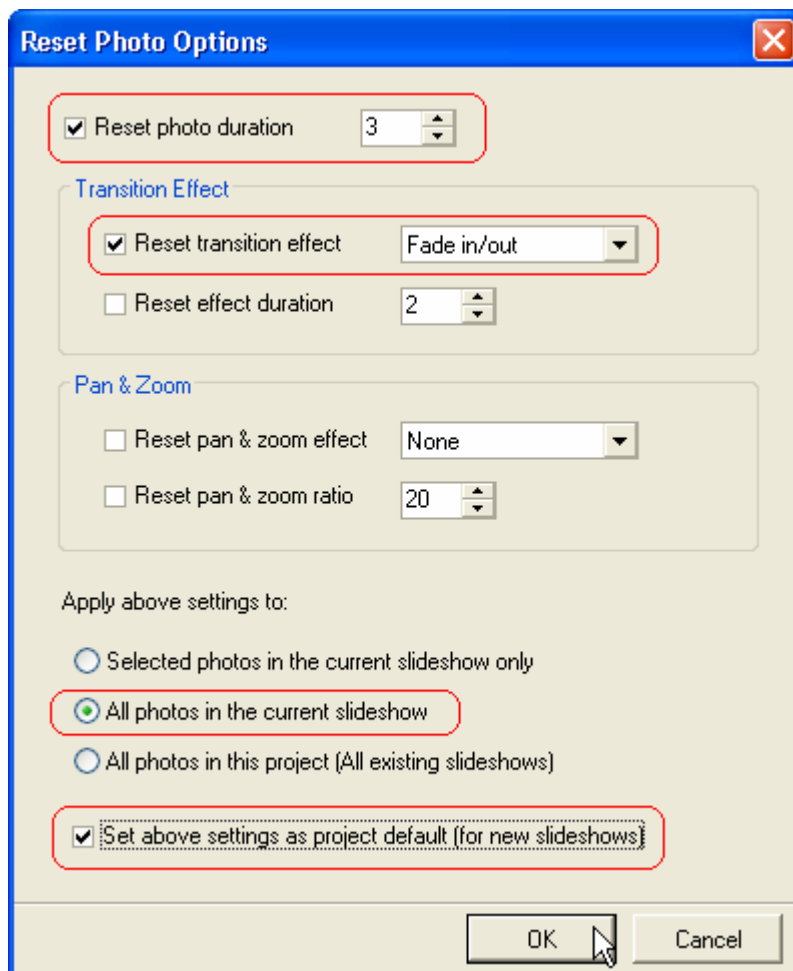
### 3. CUSTOMIZE FIRST SLIDESHOW

#### 3.1 Set Slideshow Global Options

Click 'Reset photo options' button at the toolbar:



The following screen will be shown:



Amend the options as illustrated in the figure:

- Reset photo duration to 3 seconds
- Reset transition effect to 'fade in/out'
- Select 'All photos in the current slideshow'

- Check the box 'Set above settings as project default (for new slideshows)

As a result, all existing pictures and pictures added later to this demonstration project will use the new settings.

### 3.2 Customize Individual Picture

Toggle to 'details view' by clicking the 'Details view' button in the toolbar:



Customize the transition effect of:

- IMG\_0002.JPG from 'Default' to 'Unroll (from left)'
- IMG\_0003.JPG from 'Default' to 'Pixelate'

Customize the Pan and zoom effect of:

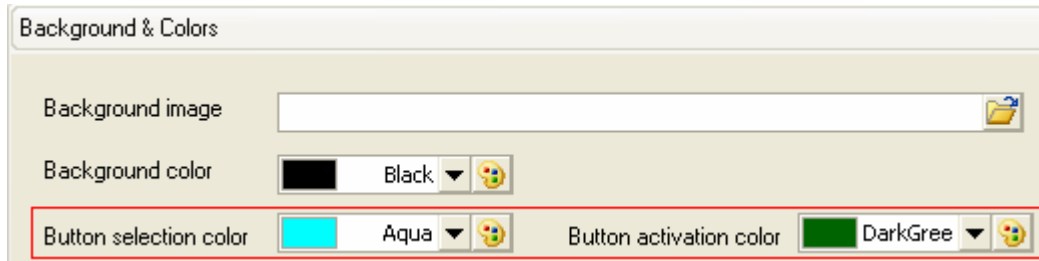
- IMG\_0001.JPG to 'Zoom in (center)'
- IMG\_0002.JPG to 'Pan left to right'
- IMG\_0003.JPG to 'Pan top left to bottom right'
- IMG\_0004.JPG to 'Zoom out (top left)'

The resulting screen will look like:

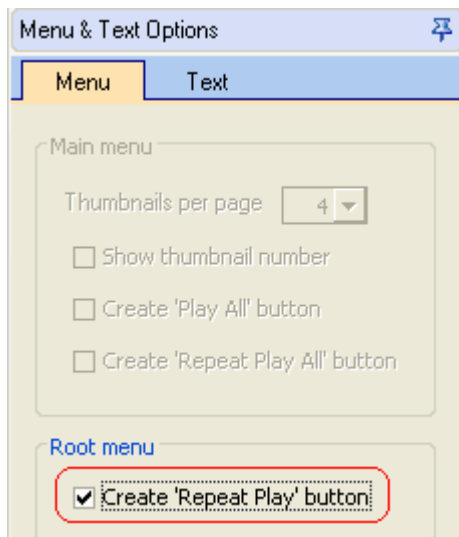
File	Date/Time	Duration	Effect	Effect duration	Pan & Zoom Effect	Pan & Zoom Ratio...
C:\DVDAC\IMG_0001.JPG	4/13/2006 1	3	Fade in/out		2 Zoom in (center)	20
C:\DVDAC\IMG_0002.JPG	4/13/2006 1	3	Unroll (from left)		2 Pan left to right (m	20
C:\DVDAC\IMG_0003.JPG	4/13/2006 1	3	Pixelate		2 Pan top left to bott	20
C:\DVDAC\IMG_0004.JPG	4/13/2006 1	3	Fade in/out		2 Zoom out (top left)	20
C:\DVDAC\IMG_0005.JPG	4/13/2006 1	3	Fade in/out		2 Default	20

#### 4. CUSTOMIZE DVD MENU

DVD Album Creator will automatically compile DVD menus for audience to choose the playback slideshow as well as how the playback should be (e.g. non-stop repeat playback of all slideshows). In this demonstration, first we modify the color of the buttons in the menu:



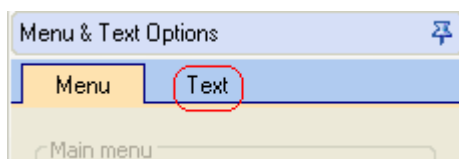
Then we instruct DVD Album Creator to create the 'Repeat Play' button on the slideshow menu. This button allows audience to play a specific slideshow repeatedly.



You may note that the selection of 'Main menu' is disabled. This is because we have only 1 selectable slideshow (introductory video is a compulsory slideshow, and play once after the DVD is inserted). If there is more than 1 selectable slideshow, a main menu will be compiled automatically, and you can optionally choose to place the 'Play All' button and/or 'Repeat Play All' button in this top level menu. You may also try our 'Demo project (without subtitle)' in our website to view the output. In that demonstration project, 8 selectable slideshows are compiled within 1 DVD.

##### 4.1 Text Appearance

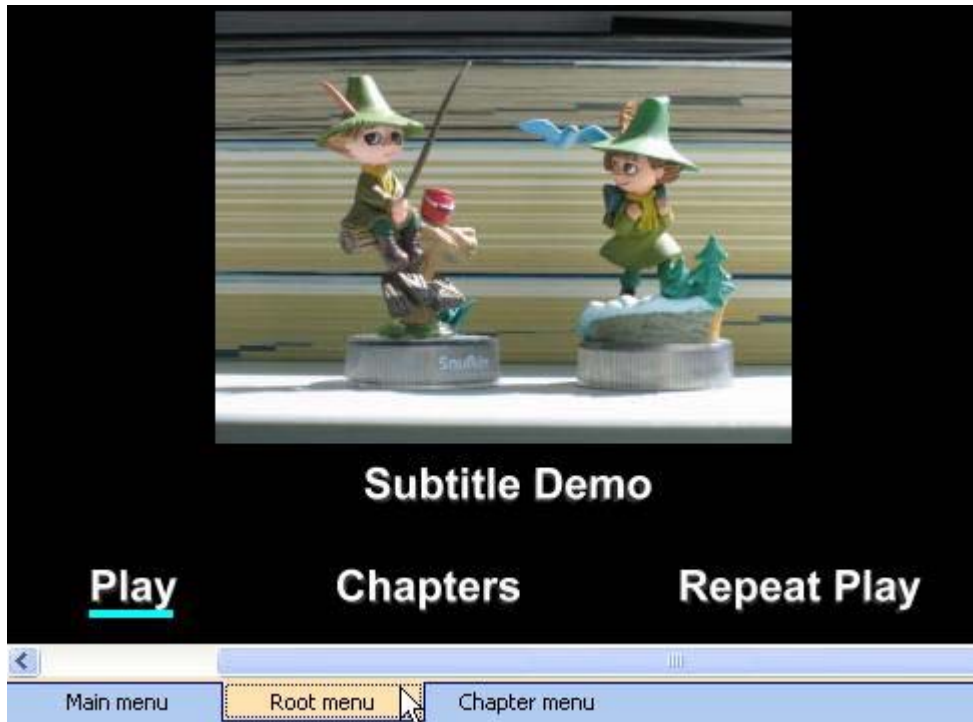
You may also notice that there is a tag called 'Text' in the panel:



Click this tag will show the options available for customizing the appearance of the text in the DVD menu. In this demonstration project, we use the system default values to compile the DVD menu.

#### 4.2 Preview DVD Menu

To preview the DVD selection menus, you may click the tag 'Root Menu' beneath the preview window:



You may also click the tag 'Chapter menu' to view the scene selection menu. This menu will be shown if the audience presses the 'Chapters' button in the 'Root menu'.

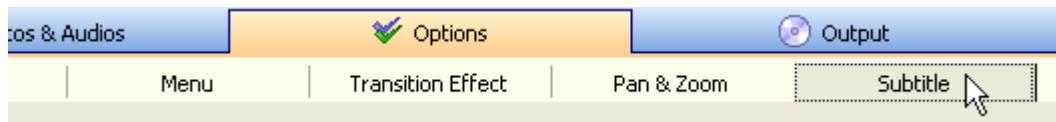
If there is more than 1 selectable slideshow, the tag 'Main menu' will show the layout of the top level menu for preview.

## 5. ADD SUBTITLES 1

In this section, we will illustrate, step-by-step, how to add subtitles to DVD using Exif data and your own narratives. In next section, we will illustrate how we can add subtitles to each picture using your own narratives.

### 5.1 Set Up Properties of Different Subtitles Streams

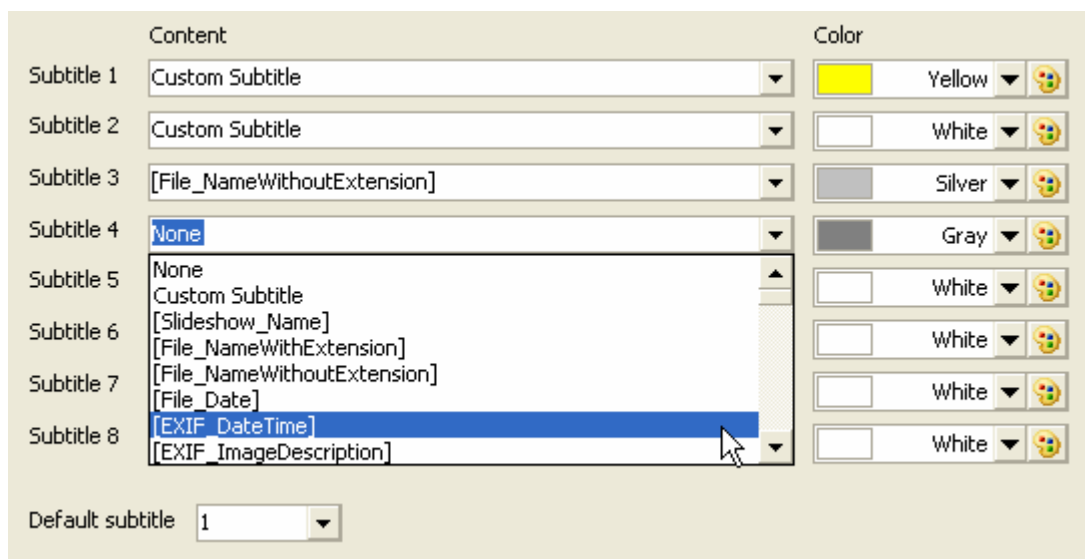
First of all, invoke the subtitles menu by choosing 'Options' -> 'Subtitles':



DVD Album Creator supports at most 8 streams of subtitles. Audience can use the subtitles button in the DVD player remote unit to select the desired subtitles stream.

In our demonstration project, we compile the DVD with 4 subtitles streams.


Stream Number	Content	Our Usage	Color
1	Custom Subtitle	Display picture information	Yellow
2	Custom Subtitle	Our narratives	White
3	Filename (without extension)	Filename	Silver
4	Exif date and time	Show picture taken date and time	Gray

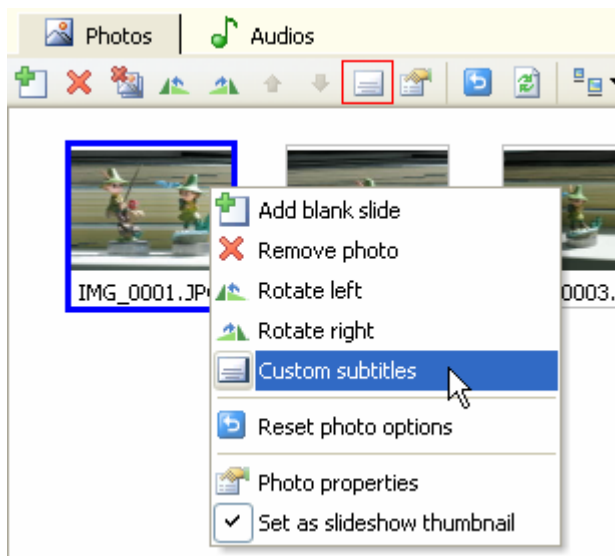


The 'Default subtitle' controls which subtitle stream to be displayed once the slideshow is played. We keep the default to display subtitle 1.

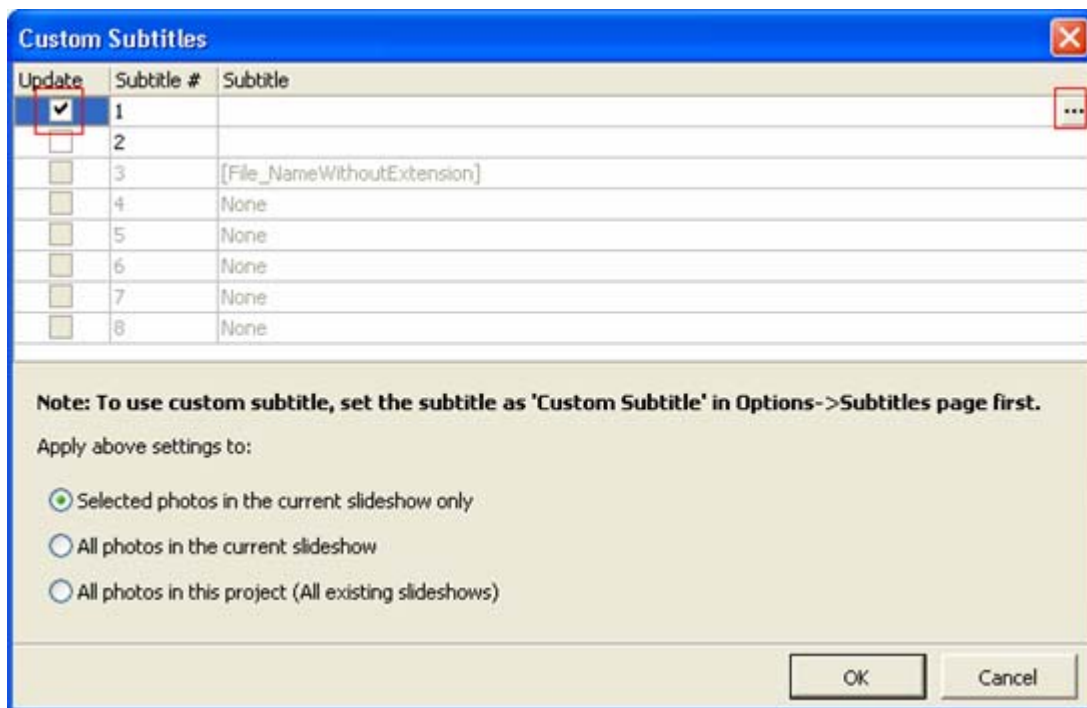
### 5.2 Customize Subtitle 1

Our next step is to customize our subtitle 1 for all pictures in the slideshow. In this section, we demonstrate how to use the 'Custom subtitles' and 'Subtitles editor' to set up the subtitles.

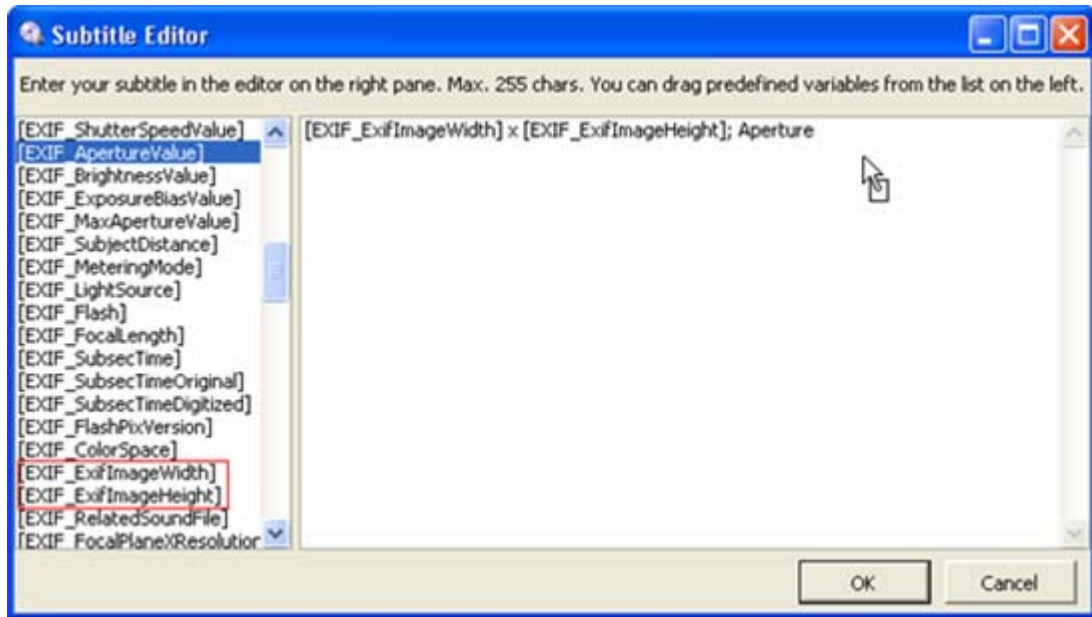
Now we go back to the 'Photos & Audios' panel, right click the first picture and select 'Custom subtitles'. Alternatively, you may click the 'Custom subtitles' button  on the toolbar as highlighted in the below figure:



Then the Custom Subtitles panel will be shown. We check the 'Update' box for subtitle 1, and click the '...' button at the end of the line to invoke the subtitle editor:



In the subtitle editor will be shown. Drag and drop [EXIF\_ExifImageWidth], [EXIF\_ExifImageHeight] and [EXIF\_ApertureValue] from the left panel, and put the wordings ' x' and ';' Aperture' between the tags:



Click 'OK' button to close the form. Then we will return to the Custom Subtitles panel.

Apply this setting to subtitle 1 of all photos in the 'Subtitles Demo' slideshow by clicking 'All photos in the current slideshow'. Then click 'OK' to quit the Custom Subtitles panel.

**Note: To use custom subtitle, set the subtitle as 'Custom Subtitle' in Options->Subtitles page first**

Apply above settings to:

- Selected photos in the current slideshow only
- All photos in the current slideshow
- All photos in this project (All existing slideshows)

OK Cancel

This will set up subtitles 1 for all pictures in the slideshow 'Subtitles Demo'.

## 6. ADD SUBTITLE 2

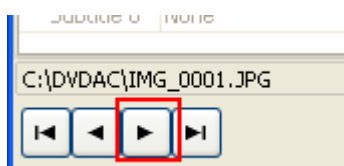
In this section, we will illustrate, step-by-step, how to add your own narratives to the subtitles of each picture, that is, subtitle 2 in our demonstration project.

### 6.1 Add Subtitle 2

Double click the first picture in the 'Photos & Audios' pane. The 'Photo Properties' should be shown. Click 'Subtitle 2' input box which is beneath the preview window, and enter 'This is demo picture 1':



To navigate to the next picture, press the 'Next' button near the lower left corner:



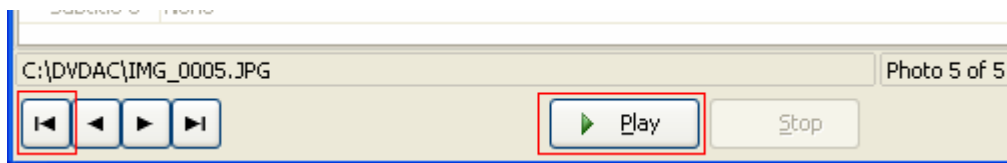
Then the next picture, together with its properties, should be shown on the panel. We can then enter our narratives for the second picture. We can repeat pressing the 'Next' button and enter our

narratives, until all our narratives have been entered to the designated picture. The narratives used in our demonstration project are:

Picture	Subtitles
IMG_0001	This is demo picture 1
IMG_0002	This is demo picture 2
IMG_0003	This is demo picture 3
IMG_0004	This is demo picture 4
IMG_0005	This is the last demo picture

## 6.2 Preview Subtitles

In 'Photo Properties', you may click different subtitle number (e.g. subtitle 4) to view the subtitles in the preview windows. You may also press the 'Back to Beginning' button and then the 'Play' button to preview the video playback:



The playback will show all visual effects selected for the pictures, for example, subtitles, pan and zoom, transition effect, etc.

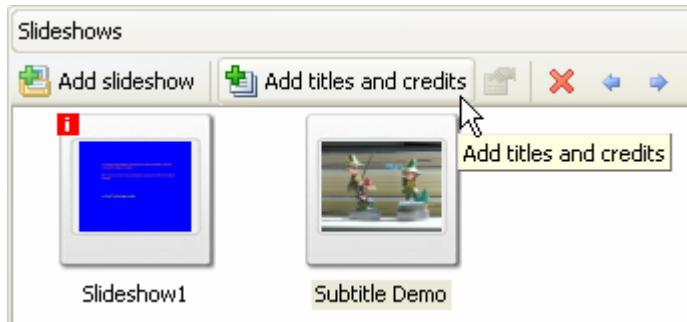
Press 'Close' button near the lower right corner to close the 'Photo Properties' panel. This will bring us back to the 'Photos & Audios' panel.

## 7. ADD CLOSING TITLES

DVD Album Creator provides handy ways to incorporate titles sequence, beginning credits and closing credits to your slideshow. In this section, we will illustrate how to add closing credits to our 'Subtitles Demo' slideshow.

### 7.1 Add Closing Credits

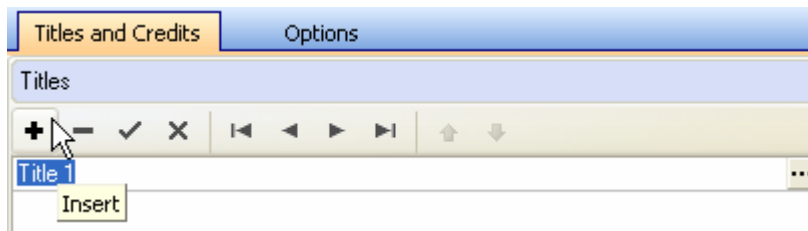
First, click the 'Add titles and credits' button on the Slideshows toolbar:



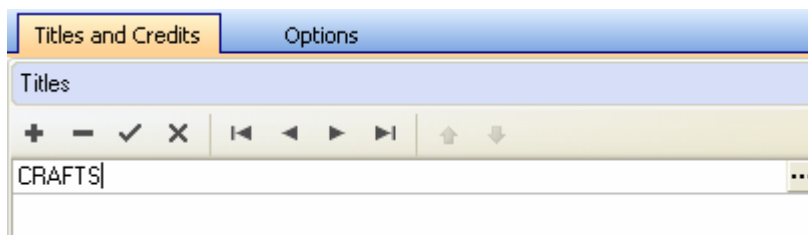
The 'Titles and Credits' panel will be shown.

### 7.2 Titles and Credits - First Set

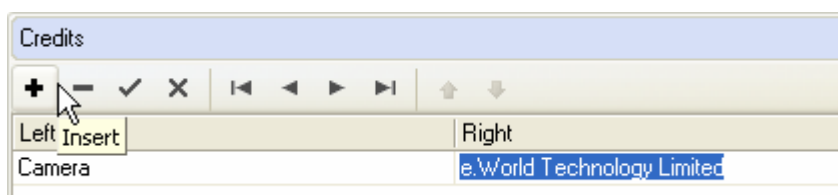
We add our first Titles line by clicking the 'Insert' button on the Titles toolbar:



Then we overwrite the content by 'CRAFTS':

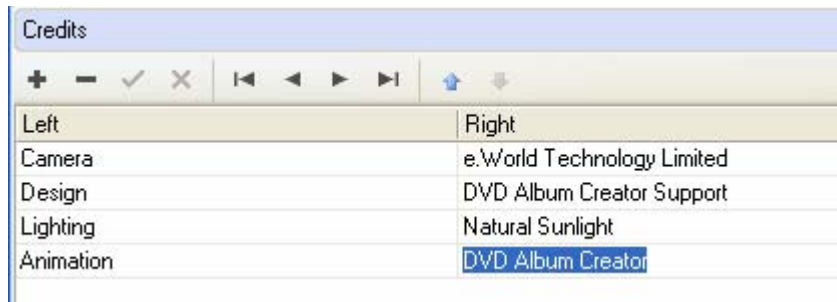


We then click the 'Insert' button on the Credits toolbar, and overwrite 'Left' and 'Right' columns using 'Camera' and 'e.World Technology Limited' respectively:



Tips: You can use the 'Tab' key to tab between 'Left' and 'Right' columns.

By pressing the 'Insert' button and entering the contents, we altogether inserted the following 4 Credits lines to the current Titles:



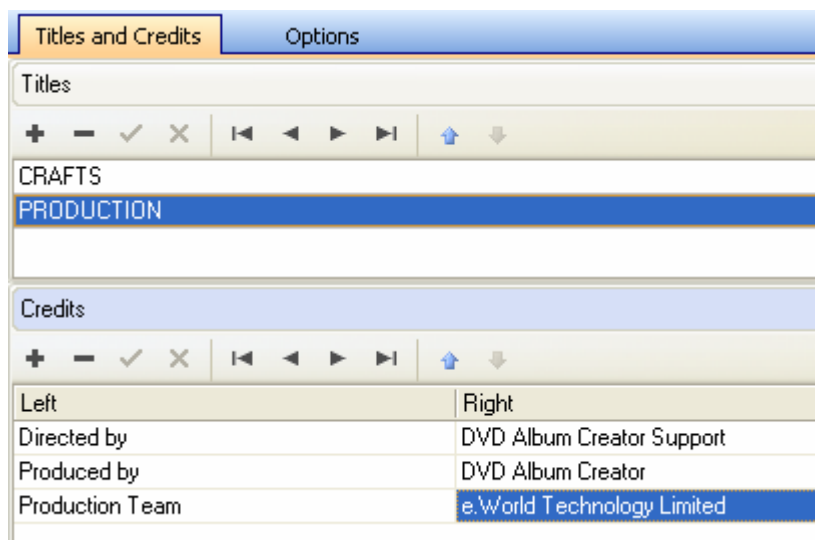
We have completed adding the first set of Titles and its associated Credits.

### 7.3 Titles and Credits - Second Set

We will continue to add our second set of Titles and Credits. Press 'Insert' button at the Titles toolbar, and perform similar action to add the below Titles and Credits:

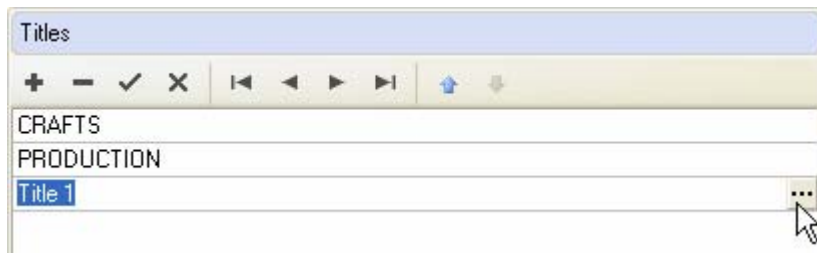
Line Type	Contents
Titles	PRODUCTION
Credit Line 1 (Left)	Directed by
Credit Line 1 (Right)	DVD Album Creator Support
Credit Line 2 (Left)	Produced by
Credit Line 2 (Right)	DVD Album Creator
Credit Line 3 (Left)	Production Team
Credit Line 3 (Right)	e.World Technology Limited

The resulting screen will be similar to the below one:

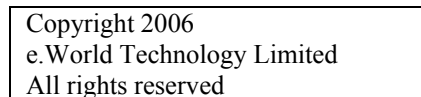


### 7.4 Title and Credits - Last Set

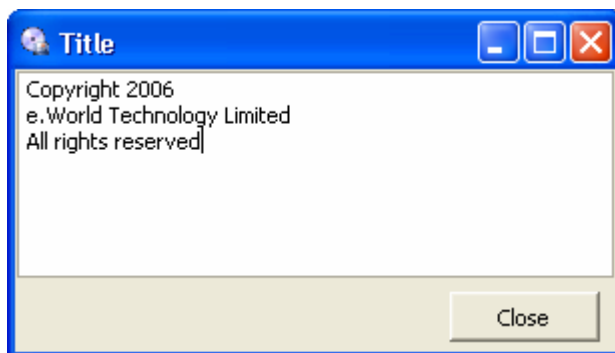
We click the 'Insert' button again to add the last set of Titles and Credits. We click the '...' button at the end of the line to type multiple lines for this set of Titles:



Then an input panel will be displayed for us to input lines of titles. Enter the following lines:



The screen will look like:



Press the 'Close' button at the lower right corner to update the Titles line. This set contains Titles only, and there is no need to insert any Credits line.

Now we have entered all desired Titles and Credits. We move on to next section to customize the appearance and display theme for them.

## 8. CUSTOMIZE AND PREVIEW CLOSING TITLES


We have added 3 sets of Titles and Credits in the previous section. Without customizing the appearance, the layout of the Titles and Credits may not be satisfactory. Take the last set of Titles as example. The preview screen located at the upper right corner will show:

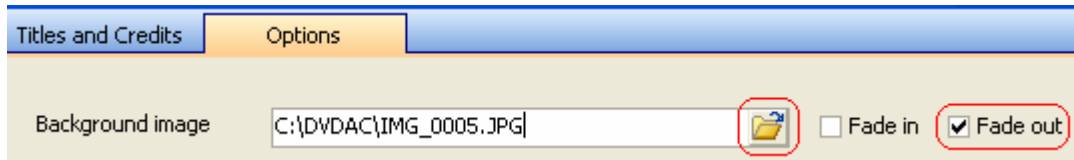


In this section, we illustrate how to customize the closing credits. Our target is to turn the appearance of the closing credits to:



### 8.1 Background Image

We click the 'Options' tag in the 'Titles and Credits' panel. Then we will toggle to the option page. First we would add a background to our titles using the last picture in the slideshow. We press the 'Browse' button  at the end of the 'Background image' input box, and select 'C:\DVDAC\IMG\_0005.JPG':



Select 'Fade out' so that DVD Album Creator will fade out the closing credits.

## 8.2 Customizing the Appearance of the Titles and Credits

We will change the font settings to:

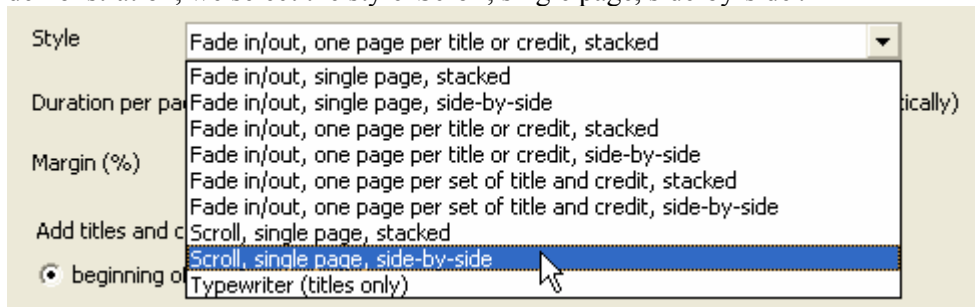
Line Type	Color	Height	Bold?	Alignment
Titles	White (default)	23	Y	Center (default)
Credits (Left)	Yellow	20	Y	Right justified
Credits (Right)	White (default)	15	Y	Left justified (default)

The resulting screen will look like:



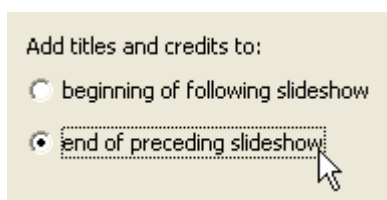
## 8.3 Playback Theme

DVD Album Creator provides different themes to display the Titles and Credits. In our demonstration, we select the style 'Scroll, single page, side-by-side':




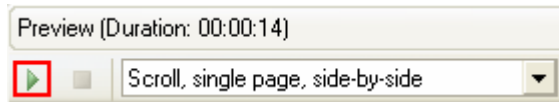
## 8.4 Make these Closing Credits

We would make these the closing credits by selecting 'end of preceding slideshow' under 'Add titles and credits to'. This appends the Titles and Credits to the end of preceding slideshow (which is the 'Subtitle Demo' slideshow in this demonstration):



## 8.5 Preview the Closing Credits

To preview the closing credits, click the 'Titles and Credits' tag to return to the Titles and Credits input panel. Preview window is located at the top right corner. Press the 'Play' button  to start previewing the closing credits:



You may also try modifying the display style and preview the effect in the preview window.

Press 'Close' button near the lower right corner to close the Titles and Credits panel.

## 9. ADD INTRODUCTORY VIDEO

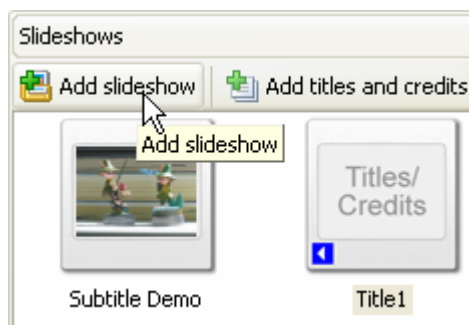
At this point, we can output a DVD slideshow with subtitles, chapter menu and closing credits. However, we would like to add some more.

In this section, we would like to incorporate a welcome page to the DVD. This welcome page will be unconditionally and automatically played once, after the DVD is inserted into the player. This resembles the copyright or FBI warning screen displayed in commercial DVDs.

In DVD Album Creator, we call this 'Introductory Video'.

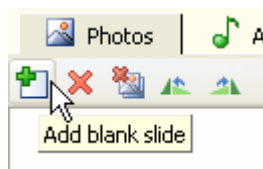
### 9.1 Add Introductory Slideshow

Click 'Add slideshow' button at the Slideshows toolbar to append a new slideshow:



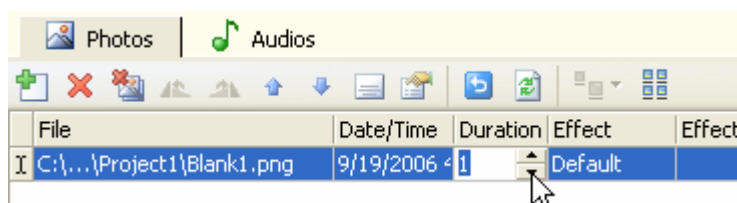
### 9.2 Add Pictures to the Slideshow

Since the welcome page contains text only, we add a dummy picture to the slideshow. Thus, click the 'Add blank slide' button to append a blank slide:



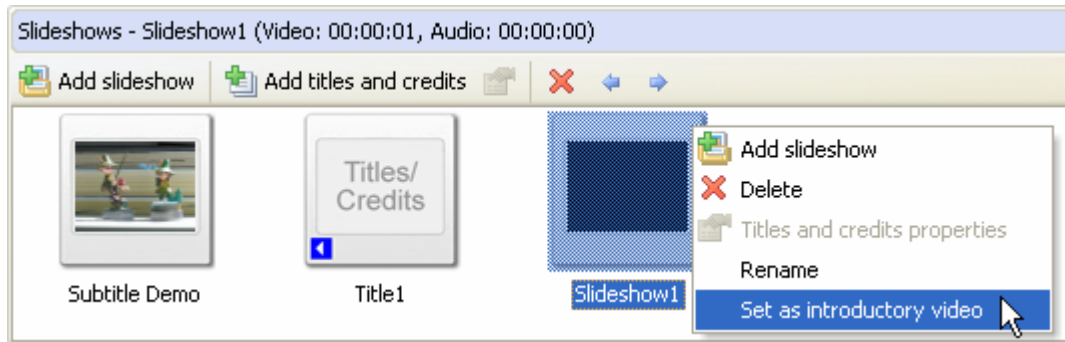
Accept using the default color, which should be black. A blank slide should be added.

Toggle to 'details view' by clicking the 'Details view' button in the toolbar. Then change the display duration of the blank slide to 1 second:



### 9.3 Mark Slideshow as Introductory Video

Set the slideshow as introductory video by right click the Slideshow1 icon and select 'Set as introductory video':



This will cause Slideshow1 to be played once and only once automatically right after the DVD is placed in the DVD player.

#### 9.4 Add Welcome Page using Beginning Titles and Credits

Similar to the previous slideshow, we click the 'Add titles and credits' button on the Slideshows toolbar to add a new set of Titles and Credits:



The 'Titles and Credits' panel will be shown.

#### 9.5 Create Welcome Page

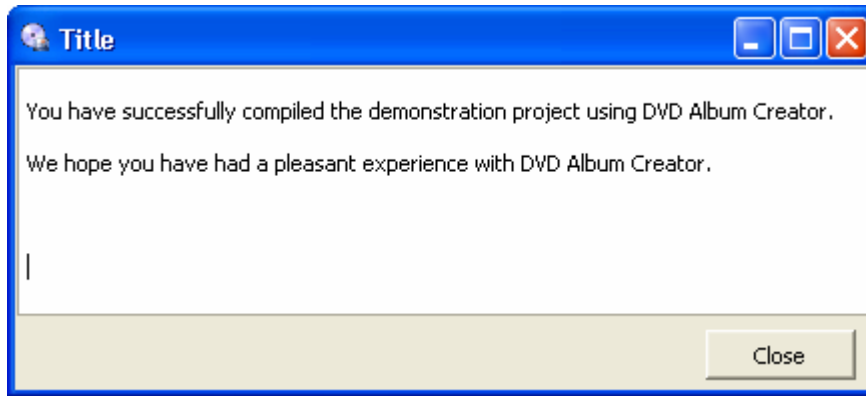
We click the 'Insert' button at the Titles toolbar to add the Titles. We click the '...' button at the end of the line to enter multiple lines for this set of Titles:



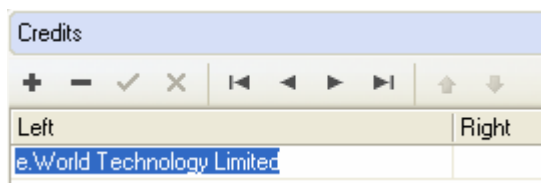
An input panel will be displayed for us to input lines of titles. Overtyping the default text 'Title 1' with the following lines:

You have successfully compiled the demonstration project using DVD Album Creator.  
We hope you have had a pleasant experience with DVD Album Creator.

The screen will look like:



Press the 'Close' button at the lower right corner to update the Titles line. Then press the 'Insert' button at Credits toolbar and enter 'e.World Technology Limited' in the 'Left' column:

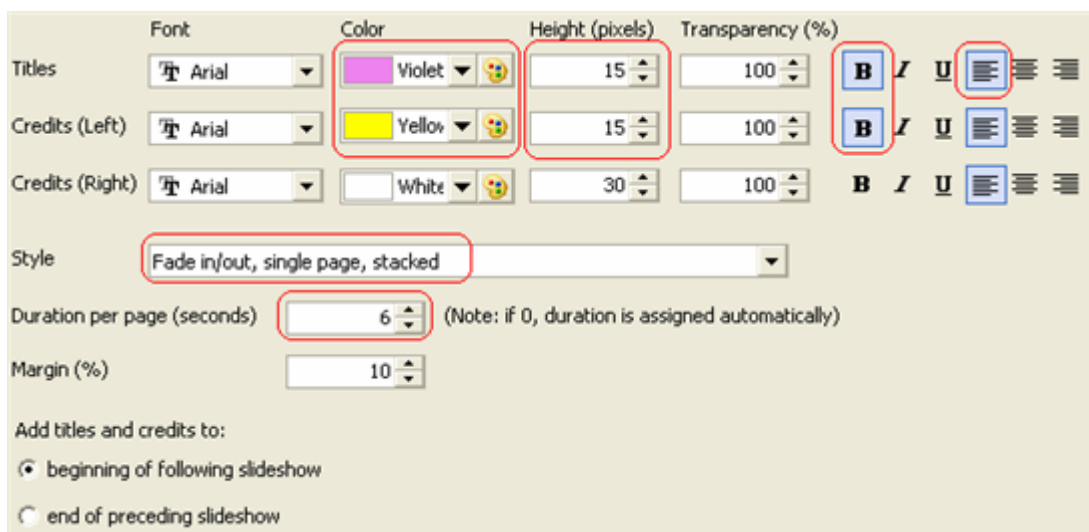


## 9.6 Customize Appearance of the Welcome Page

Similar to 'Subtitle Demo' slideshow, we customize the appearance of the welcome page via the 'Options' in 'Titles and Credits'. Click the 'Options' tag and make the below customization:

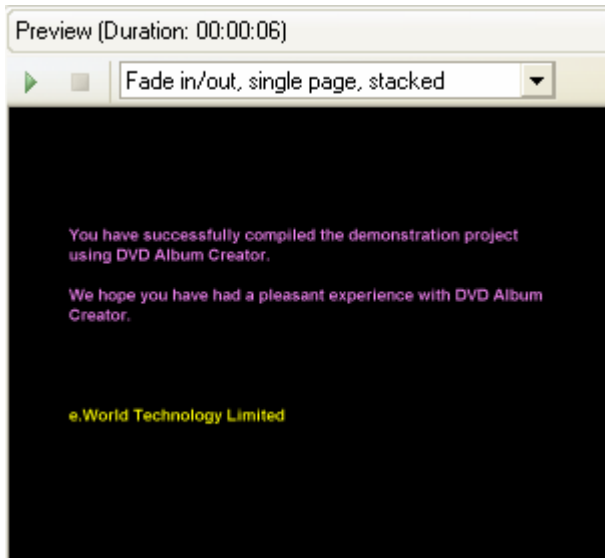
- Titles: Violet, 15 pixels, bold and left justified
- Credits (Left): Yellow, 15 pixels, bold
- Style: Fade in/out, single page, stacked
- Duration per page: 6 seconds

The resulting screen will look like:



## 9.7 Preview the Welcome Page

Click 'Titles and Credits' tag to go back to the input panel. We can preview the layout of the welcome page in the preview window, and it should look like:

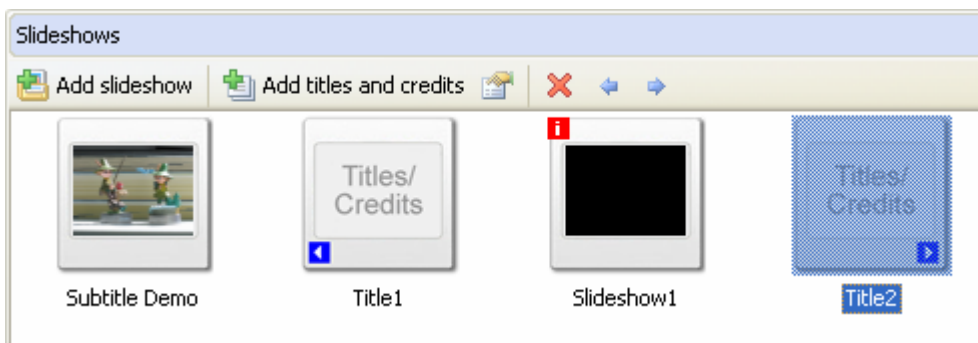


You may change the background color (e.g. blue) of the welcome page simply change the background color in the 'Options' panel. For simplicity, we use the default background color, that is, black, in this demonstration.

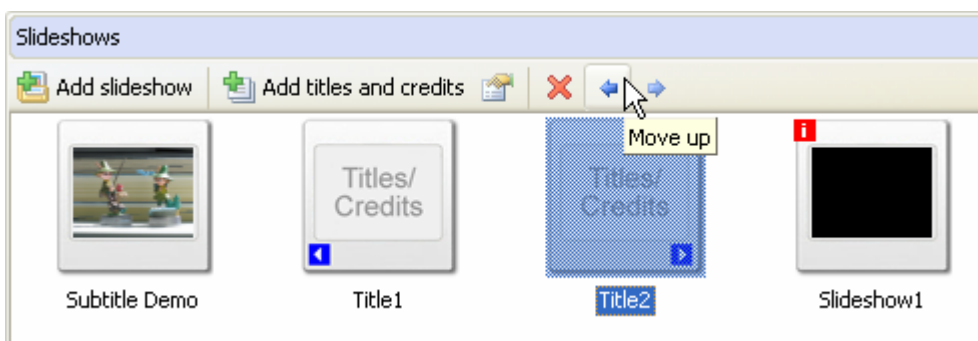
Click the 'Close' button near the lower right corner to close the Titles and Credits panel.

### 9.8 Associate the Titles and Credits with the Introductory Video

Now the slideshows panel should look like:



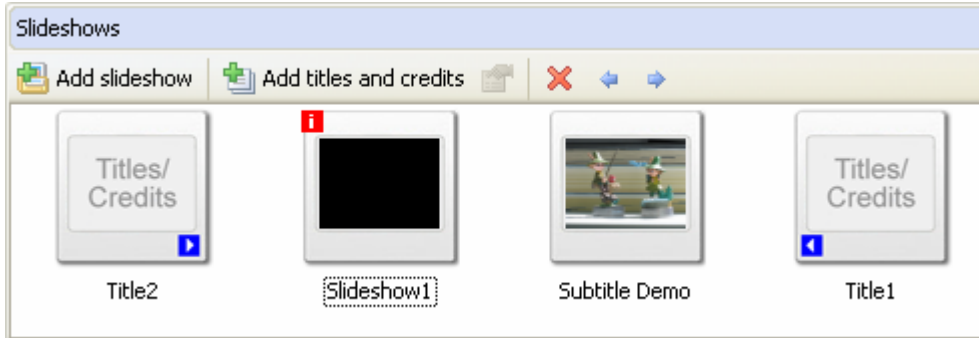
As 'Title2' will be played before the preceding slideshow, we need to re-order it before our introductory video 'Slideshow1'. Simply press the 'Move up' button on the Slideshows toolbar to move Titles left by 1 position. The resulting screen will look like:



### 9.9 Optional - Move Introductory Video to the Beginning

If a slideshow is marked as Introductory Video, DVD Album Creator will ensure that it will be played first, even its position in Slideshows panel is beyond other slideshow(s).

If you would like to arrange the slideshow icons in playback sequence, you may move the 'Titles' and 'Slideshow1' up to the front by selecting the respective icon and click the 'Move up' button. Then the Slideshows panel will look like:



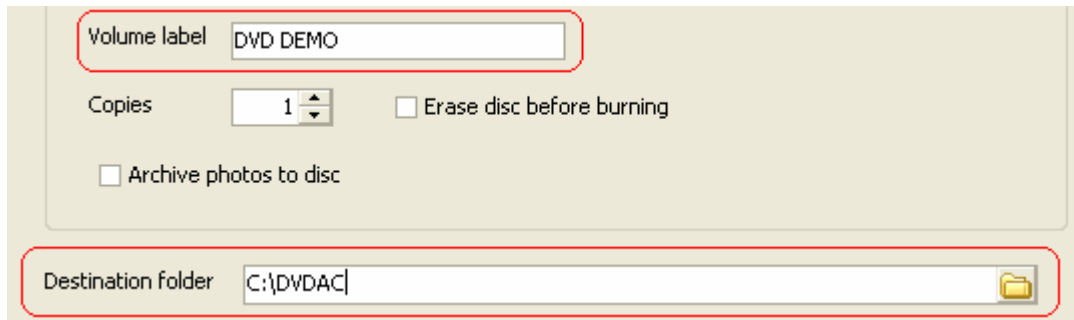
We have now completed incorporating a welcome page to the DVD using Introductory Video. We will move on to compile the DVD.

## 10. PROJECT FILE AND OUTPUT

### 10.1 Output Setting

We have now reached the final step to output our video. Click 'Output' tag at the main screen to switch to the Output panel.

In the Output panel, we change the volume label to 'DVD DEMO' and destination folder to 'C:\DVDAC':

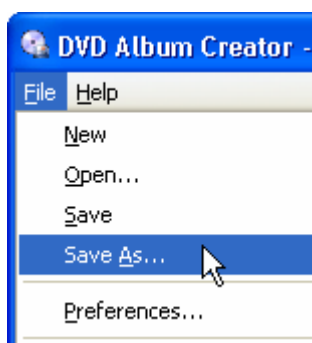


Please note that the volume label will be dimmed if there is no DVD burner installed in your computer.

If you have software DVD player and would like to view the demonstration project in the computer instead of burning it into a physical DVD, you may uncheck the option 'Record to disc' near the top of the panel. The output DVD system will be stored in the destination folder (C:\DVDAC in our example).

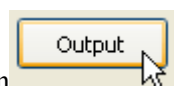
### 10.2 Project File

Before outputting the video, you may save all the works you have done to a 'Project file' for later retrieval. Select 'File' -> 'Save As' in the main toolbar:



Choose the location and filename, and then press 'Save' button to save a project file. Afterwards, you may open the project file in DVD Album Creator (or simply double click the project file in Windows Explorer) to re-open the project.

### 10.3 Output the Video



Click the 'Output' button to instruct DVD Album Creator to compile the video. Wait for a moment and the DVD video will be written to your destination folder and/or DVD.

This tutorial demonstrates part, but not all, of the features of DVD Album Creator. The user manual documented our features in details. You may also try compiling some more videos and explore the convenience and flexibility that DVD Album Creator brings to you.

- The End -