

Homework Assignments

Dynamic Media Technologies Class

LIACS, Prof.dr Doug DeGroot
Fall Semester 2002

HW1: from Revolutionary QuickTime Pro 5 & 6, pp. 18-20

Due Date: October 2

Do the exercises on pages 18-20, 21, 23, and 25 precisely as defined in the text.

1. Working with video tracks in the QT player
2. Creating a simple slide show
3. QT sound track tutorial
4. QT music track tutorial

Then repeat the exercises, but change something -- anything -- in each exercise (lots of possibilities are discussed in this first chapter alone!). Save each of your new, changed movies, and be sure to save them as self-contained movies. When you are done, send an email to dmt@liacs.nl with the following subject line

HW1 - done on <date>

In the body of your email, include your name, student number, and text saying you are done. Do not submit any files for this homework. Save your files though, for later linking into your web page(s) that we will create for this class.

HW2: Simple Music Video

Due Date: October 9

Do this exercise as shown in class on Wednesday, September 25. Use a minimum of five graphics and one or more song files. You can use songs and graphics of your own choosing. Make sure all graphics are equal-sized (use Graphics Converter, Photoshop, etc., if necessary). The audio and video must both extend the entire length of the resulting movie.

Include at least one transition (two-source effects) between every graphic transition. Also, include at least one zero-source effect track (e.g., cloud, fire, whatever), and at least one one-source effect (e.g., film noise). As much as possible, time the transition effects to beat or transition points in the audio. Submit your homework by October 9 per the standard Homework Submission Process.

Note: The programs EffectsTeaser and MakeEffectMovie can be found on Apple's QuickTime site at

<http://developer.apple.com/quicktime/quicktimeintro/tools/index.html>

HW3: Text Tutorial & Song Lyrics

from *Revolutionary QuickTime Pro 5 & 6*, p. 31

Due Date: October 16

Do the exercise as defined in the book. After getting used to inserting text in a QT movie file, select some song you like and that you have or can get an MP3 version of. Find the lyrics for the song at www.lyrics.com or any other lyrics site. Edit the lyrics in a word processor, adding style, color, size, etc. to your liking. Now, using the QT Player, import your MP3 file into a new movie. Play the song several times while you have the Movie Information window open to the timing display. Mark the points in the song where different lines or stanzas of the lyrics start, and either cut and paste the lyrics directly into the song at those points, or edit a text file with timing information in it to accompany the lyrics, and then import this lyrics file into your song file. Make sure everything syncs up, and then submit the resulting movie via the standard Homework Submission process.

Homework Submission Process

For each homework you submit, please adhere to the following submission process. First, consider that you are submitting your results for Homework N (where N is the number of the homework project). So, for example, if you are working on a homework named "HW5", N will be 5 (duh!). Make a short text file (no Word documents, etc.) containing the following information in the following format:

```
HW<N> Results
<Your name>
<Student Number>
<List of files attached to your email>
<discussion of your homework results, activities, clever additions, etc.>
```

Name this file

```
HW<n>-<your name>.txt
```

An example would be "*HW5-degroot.txt*". Put this file and all your other completed movies, assets, etc. in a single folder named

```
HW<n>-<name>
```

An example would be "*HW5-DeGroot*" (notice the "dash", and be sure to include it in your file name, please).

Make sure all movies are "self contained", unless otherwise specified.

Zip or Stuff your homework folder and mail it as an attachment to

HomeWork <dmt@liacs.nl>

Make the subject line

```
HW<n> - <name> - done on <date>
```

Finally, make sure you attach your zipped/stuffed folder as an attachment to your email.