

Flash and Video

Sorenson spark (delta compression codec) – compresses video based on relative change between frames.

Compress based on:

Maintain fixed quality (amount of bandwidth required to play depends on amount of change between frames)

keep original video at:

320x240 or less (you can rescale once it is in flash)

15fps

sorenson in flash will compress again

flash can not resize aspect ratio, can not crop, can not access sound separately

importing into Flash

file types: mov, asf, wmv, dvi, dv, mpeg, mpg, avi

import and embed (SWF)

import and link (FLV)

once imported do not change frame rate of flash movie!!!

Dialog Box

Quality: level of compression created by Sorenson spark

Keyframe interval: doesn't refer to flash timelines! Refers to internal process of codec delta compression. Takes 1st video frame as keyframe and next frame(s) based on this frame (ie. Compression stores keyframe and only changes between keyframes)

Large interval: suffer quality if fast moving video

Very small interval: like a series of jpg images

Scale: imported size of video (320x240 or less please)

Synchronize to flash frame rate: (sound is always synched to frame rate). Check if you want sound and video synched. Uncheck and video sound will not be synched BUT will play back smoother.

of video frames to encode per number of m. flash frames:

1:1 – one video frame per flash frame

1:2 - one video frame per 2 flash frames

import audio: check or not check

video requires dialog box: yes

video object requires the # of frames for it to play (like a graphic symbol)

dealing with video

put on `_root` and export as `.swf`

put in movieclip