
computer support & information systems

C O L L E G E O F F I N E A R T S

QuickTime Streaming

Streaming Audio for Student Use

Description of Project

- Make audio selections available to students via web interface.
- Make music scores electronically available to students

Example from MUSIC 4610

History of Project

Music Provided on:

Cassette Tape

Audio CD

Mp3 via HTTP

Real Player Streaming

Resulting Problems:

Media quality & failure

Media & Equipment
Availability

Copyright, large files

Client config issues,
downloadable RAM files
caused confusion

QT Streaming as the solution

- “True” streaming vs Progressive download
- Already had OS X Server
- G4/400 with 2 GB of RAM

Initial Goals and Issues

Student access on and off campus

Multiple files needed

Enable Professor(s) to generate material

Training, documentation, hardware

Reduce load on webserver

Pointer and fallback files
(MakeRefMovie)

Listening Issues

Problems

Solutions

Support home machines?

FAQ to support within reason

Files skipping

Reencode QDesign

56k still skipping

Reencode to 28k quality,
Upgrade to QT 6

404 errors

Need UDP port 554 or HTTP tunneling

Other apps

Only QT set to play .mov

Demonstration of Cleaner 6

Future Goals & Issues

1. Professor Proof
 2. Generate HTML
 3. Password protect
 4. Copyright, TEACH Act
<http://www.utsystem.edu/ogc/intellectualproperty/teachact.htm>
 5. Incorporate more cross-media activity
-

computer support & information systems

COLLEGE OF FINE ARTS

Questions?

- cfatechsupport@lists.utah.edu
-