



# Concordia Libraries' streaming media service: integrating audio and video content into e- learning

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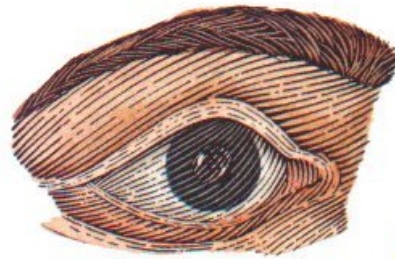
April 4, 2013



# Overview

- Multimodal web
- Five senses
  - Individually and in concert
  - Competitive and complementary
- Streaming media service
  - Features
  - Uses

# The multimodal web



*Fig. 1*



*Fig. 5*



*Fig. 2*



*Fig. 4*




*Fig. 5*

# The visual web

- Text, symbols, images, video
- Research:
  - Talking heads
  - Visual text preferable to complex speech output
  - Visual dominance
  - McGurk illusion

# The auditory web

- Recorded speech (e.g. interviews), poetry, music, sounds 
- *Audire* (to hear)
- Printed ambiguity
- Benefits of speech

# The haptic web

- Point-and-click mouse, keyboard, trackpads, touch screen devices
- Benefits of touch screen devices:
  - Direct interaction
  - Multiple touch points
  - [Smithsonian Folkways Jazz Mixer](#)

# Visual dominance

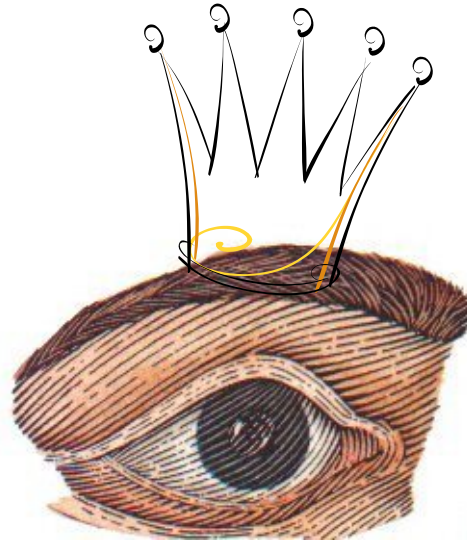


Fig. 4



Fig. 5

# The olfactory and gustatory web

- Digital scent technology (Wikipedia)
- Digital taste interface (Mixed reality lab)



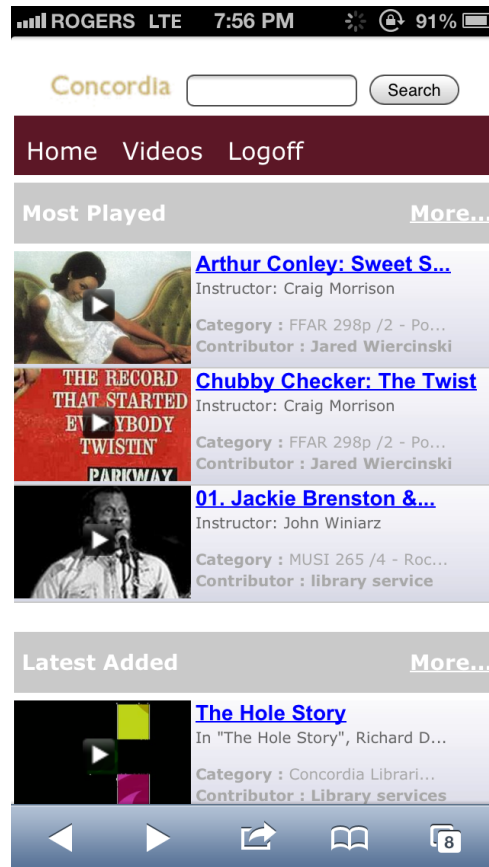
# Streaming media service

- Introduction
- Closed YouTube which streams audio and video

# Features

- Always open, simultaneous multiple use
- Closed and secure: requires NetName
- Mobile access (smartphone and tablet)
- Moodle integration
- Playlists
- Video chapters and subtitles
- Supports HD video (can be projected)
- Student generated content (i.e. uploading)
- Download option

# iPhone



# iPad

iPad 8:01 PM 100%

hml.library.concordia.ca/Play.aspx?Videoid=1222 Search

Concordia Libraries

you are logged in as: jwiercin Logout

Home My Account Upload Help Search... search

### Media Categories

All (1015)

- Concordia Libraries streaming video collection (2)
- Fake course for Dec 12 training (7)
- FFAR 298h i2 - The Movie Soundtrack (21)
- FFAR 298o i2 - Psychedelic Music (222)
- FFAR 298p i2 - Pop, Soul and Its Roots (214)
- FFAR 298u i4 - Musical History Tour (239)
- Irving Layton Special Collection (0)
- Jared Bulk Upload Test (4)
- JAZZ 200 i3 - The Language of Jazz (107)
- JPER 430 i3 - Jazz Improvisation II (107)
- MUSI 285 i4 - Rock and Roll and Its Roots (91)
- Public (0)
- Training audio and video (1)

### Links

- Concordia University
- Concordia Libraries

### The Hole Story

Copy URL (to this page)  
<https://hml.library.concordia.ca/Play.aspx?Videoid=1222>

Contributor: [Library services](#)  
Views: 75  
Added: 27/02/2013  
Duration: 01:19:18  
Category: [Concordia Librar...](#)  
Quality: HD

#### Description

In "The Hole Story", Richard Desjardins and Robert Mondrie continue in the same provocative vein as their earlier "Forest Alert", using striking images, rare archival footage and interviews to paint a clear picture of mining in Canada. The film analyses company profits and the impact of mining on the environment and workers' health.

Add to playlist: [dropdown]

#### Rate this Media:

Average Rating: Not Rated

#### Comments

To set a reference to a time in the video please use a reference in the format HH:MM:SS or MM:SS and make sure it is not less than 10 seconds. E.g. 00:00:25 (25 seconds in).

[text input]  
Post Comment Max (100 characters)

#### Related Clips

- The Hole Story From: Library services View: 75
- Spaces, Places and States of Mind From: Jared Wiercanski View: 28

Current playlist: Jazz 200 Playlist

# How can it be used?

- Suggest library purchases (permanent collection)
  - Preferred format (replacing DVD)
- Course reserves
  - Library-owned content
  - Professor-owned content

# Demonstration

- [JPER 430 /3 - Jazz Improvisation II](#)
- The Hole Story (National Film Board)

# Conclusion

- Please contact me for more information
- Bibliography of references on multimodal web
- Questions?

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