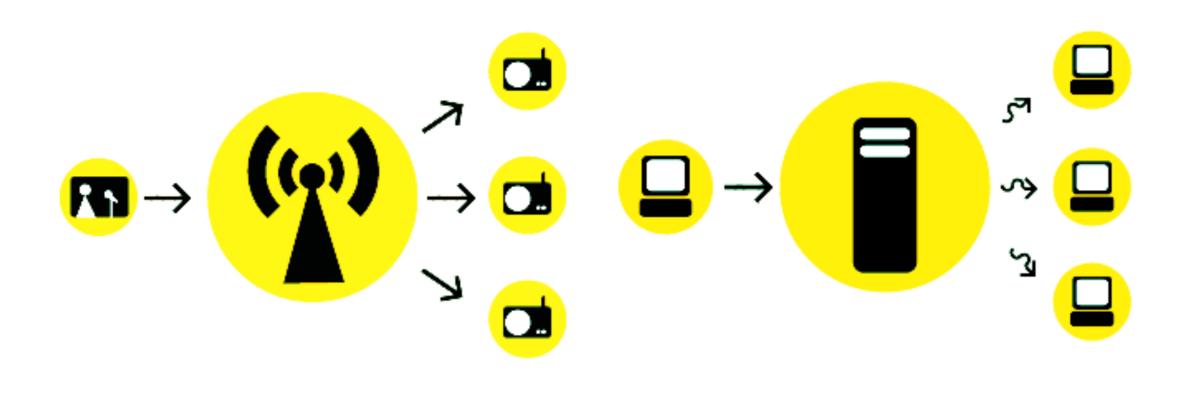
Music & the Internet MUMT301

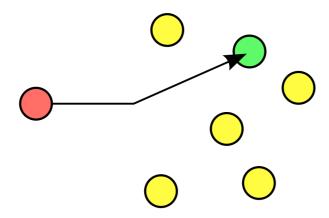
Gabriel Vigliensoni
Schulich School of Music
McGill University

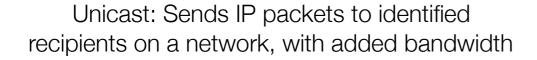
Plan

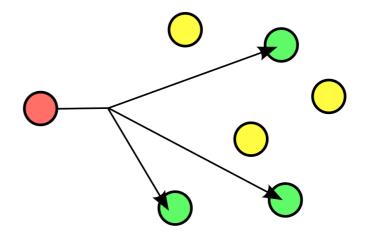
- Review of the last class
 - Music distribution
- Internet Radio
- On-demand music services presentation
- HTML DOM
- Writing and changing DOM elements with JavaScript

Internet Radio broadcasting



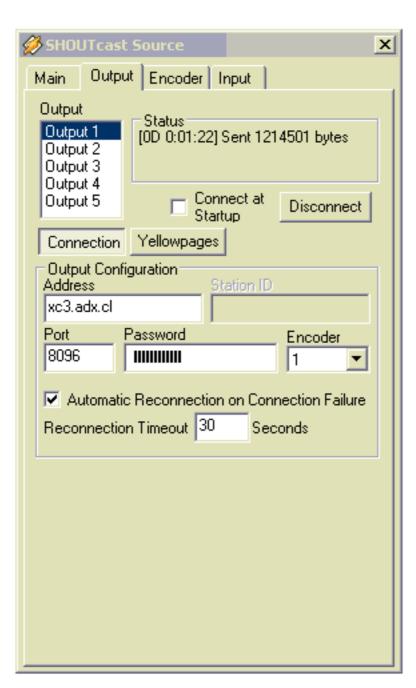


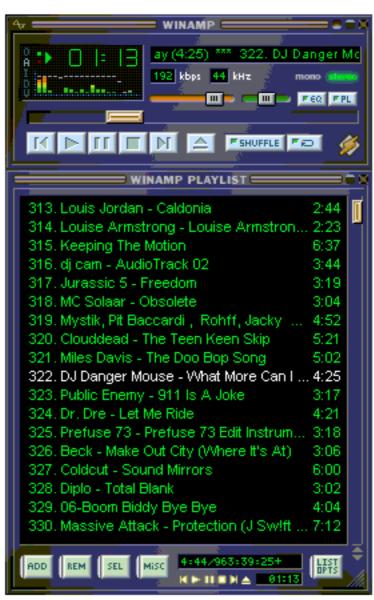




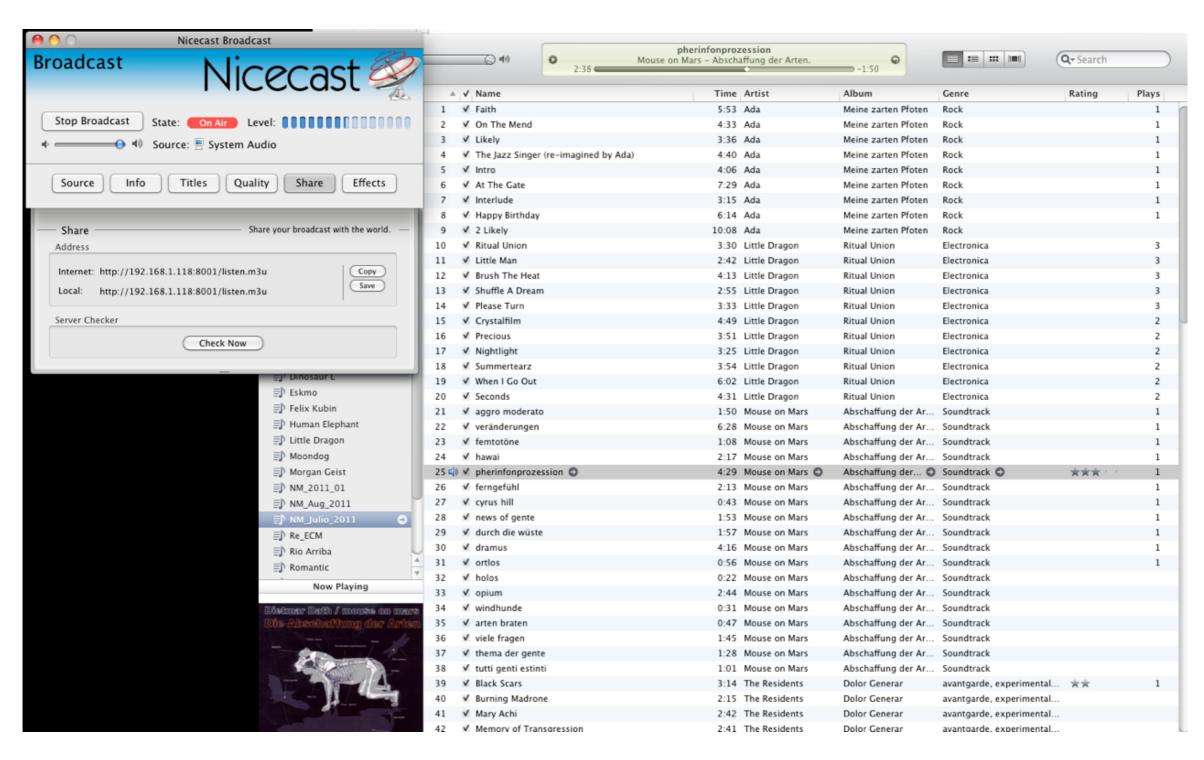
Multicast: sends IP packets to a group of hosts on a network, with no added bandwidth, and not requiring prior knowledge of who or how many receivers there are.

Playlist creation applications

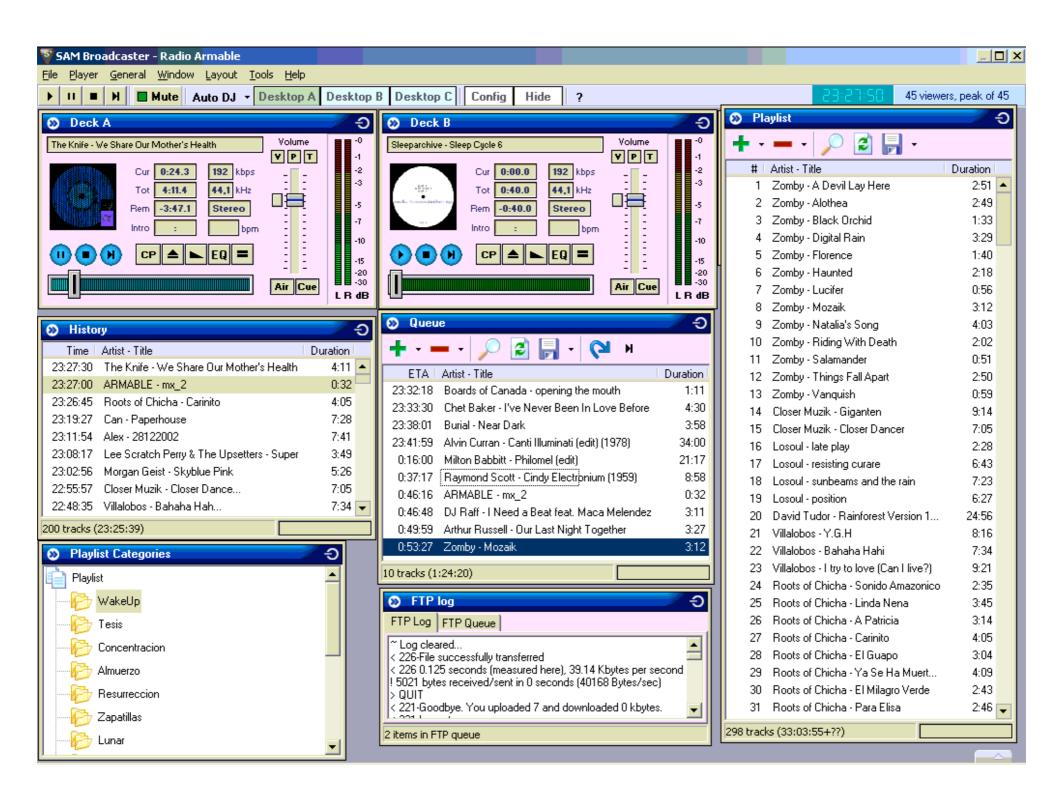




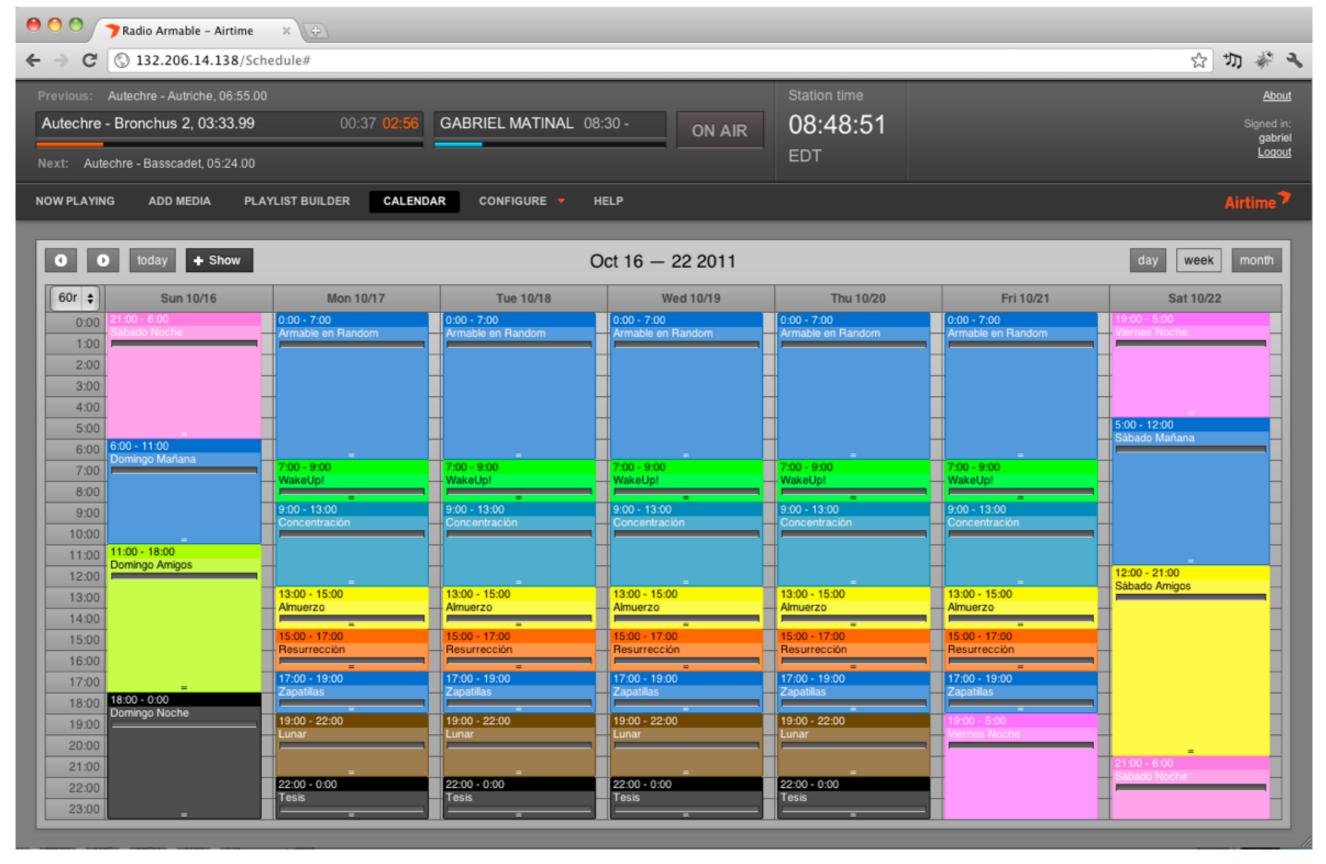
Playlist creation applications



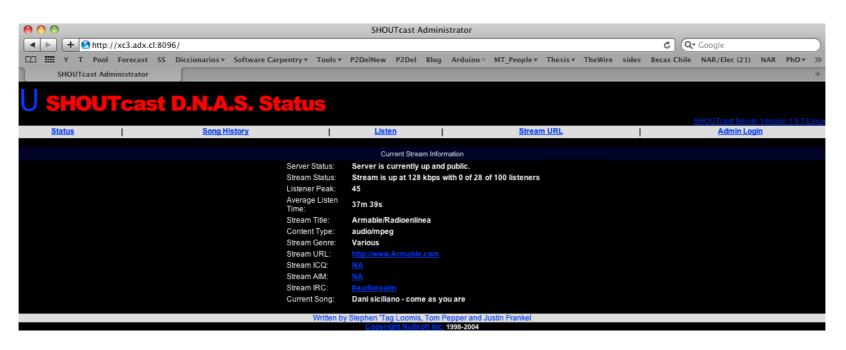
Automated radio broadcasting

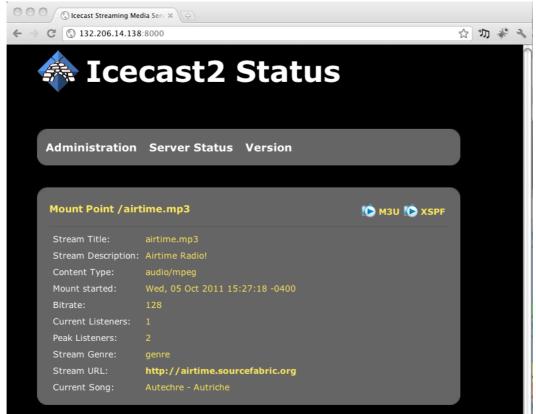


Social radio applications



Streaming Media Servers





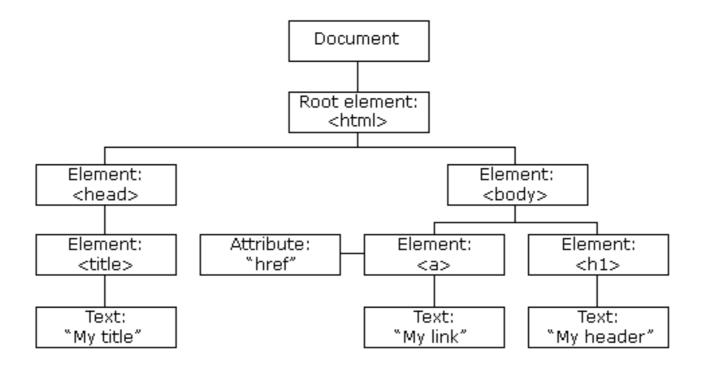


On-demand music services presentation

BREAK

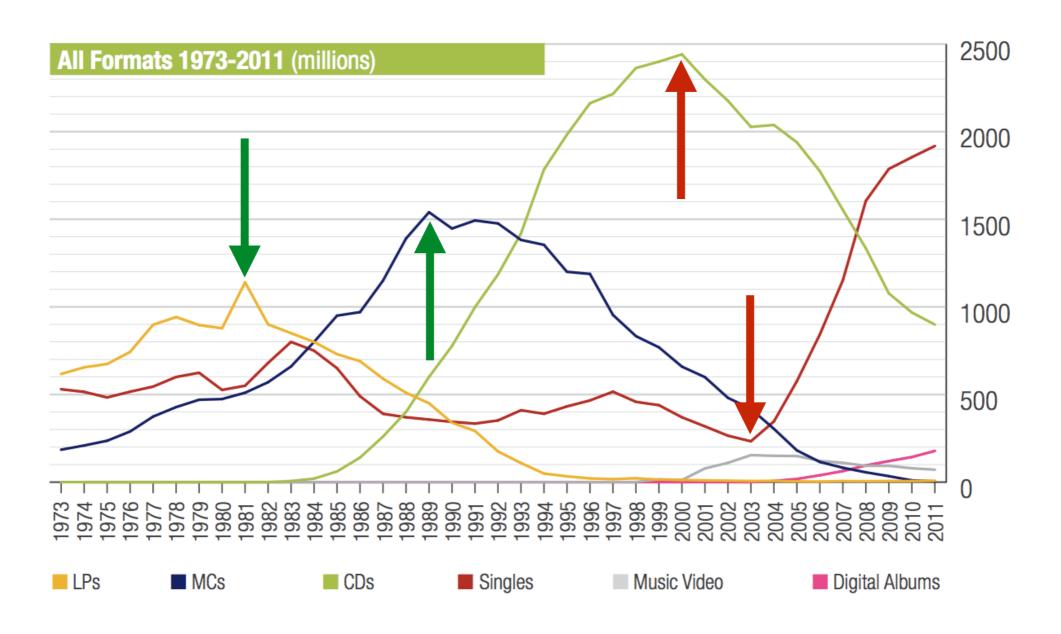
HTML DOM

- "The W3C Document Object Model (DOM) is a platform and language-neutral interface that allows programs and scripts to dynamically access and update the content, structure, and style of a document."
- When a web page is loaded, the browser creates a Document Object Model of the page
- The DOM is constructed as a tree of objects



 With the object model, JavaScript gets all the power it needs to create dynamic HTML

Global music sales by format



Peer to peer (P2P)

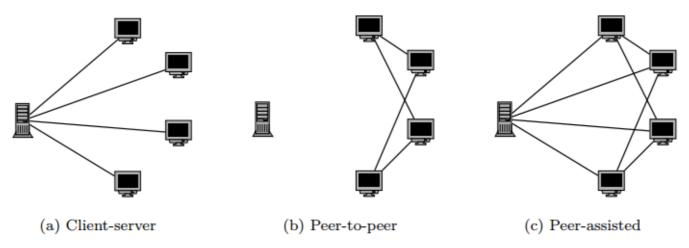


Figure 1.1: Three types of protocols.

Taken from Kreitz, G. 2011. Aspects of Secure and Efficient
Streaming and Collaboration. PhD Thesis. KTH Computer Science and Communication.

Music industry

Music industry of physical goods

P2P & piracy

Music industry of digital goods