AMT to the Browser

Lauren Delwiche <lauren.delwiche@yale.edu>
Previously...

**IETF 114**

- Multicast Menu as a collector of multicast streams
- Opening video in VLC from Multicast Menu
  - Buggy, not terribly user friendly
- Offnet sourcing
  - Streaming pre-recorded video from browser
  - Live-streaming from a phone
Improvement!

- Can now view streams directly in the browser on Multicast Menu
  - Using Python-based AMT gateway by Natalie Landsberg, Chris Dawson and Erik Hertz
Demo

1. (same as IETF 114 demo) Start a livestream from phone
   a. iPhone (Haivision App) -> Transport Translator -> Multicast Translator -> Entry on MM
2. View in browser!
Wish List

- Implement “trending streams” based on browser watchers
- Improve teardown between Multicast Menu and relay
- Dynamically handle amt-relay choice
  - Like VLC does
- Secure and scale
Questions?

Multicast Menu
https://menu.treedn.net

Multicast Menu Source
https://github.com/Laur04/multicast-menu

Python AMT Gateway
https://github.com/vivoh-inc/amt-play