Annodex: People

- ## Silvia Pfeiffer

  – co-founder of Annodex at CSIRO

  – founder and Secretary of Annodex Association

  – creating media start-up Vquence

- ## Conrad Parker

  – co-founder of Annodex at CSIRO

  – Vice Chair of Annodex Association

  – pursuing PhD at Kyoto University

- ## Shane Stephens

  – research engineer at CSIRO on Annodex project

Annodex: Activity

- Project aim:

  – Framework for streaming of navigable annotated media

  – Pervasive (embedded) media on the web

- Features:

  – Annodex file creation/manipulation tools

  – streaming server component

  – browser plugins

  – CMMLWiki

Annodex: Challenges

- Integration into media frameworks
- Plugins for browsers
  - firefox: documentation problem
  - what audio / video API to use?
- Streaming Ogg files
  - up to **1 second** audio/video misalignment
  - requires lots of buffering, wasted resources

Annodex: Dependencies

- Libraries in use:

  – mainly Xiph.Org encoders/decoders

- (Future) support for:

  – audio APIs (OSS / alsa / pulse / ??)

  – display APIs (gtk / GL / SDL / ??)

- Projects dependent upon:

  – metavid (streaming US senate speeches)

  – EOPAS (ethnographic media repository)

Annodex: Next Steps

- Integration into Firefox

- Support for additional media types (HTML, images, CSS, scripting, etc..)

- High-def content through Dirac codec

- Foster community support through Annodex Association

  – come to the AGM tomorrow night!