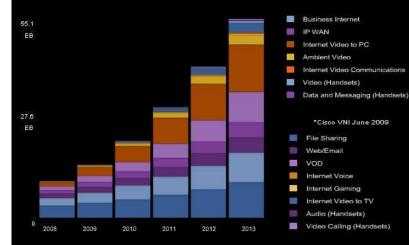




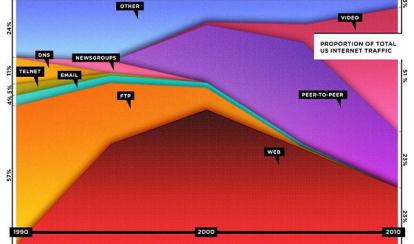


Video projected to dominate traffic



XIA for Internet Evolution

Current IP based off Old Demands



Framework Exists, Limited Apps



Our goal: Create a video streaming app which leverages XIA's strengths (failover, content oriented, intrinsic security of CIDs) to create a product that surpasses what can be done in IP today.

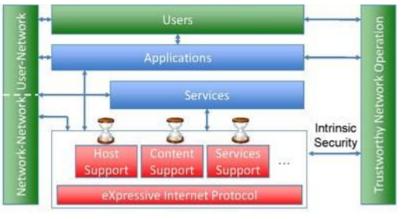
Streaming Video in XIA

A

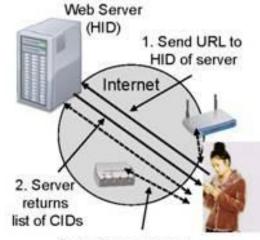




XIA

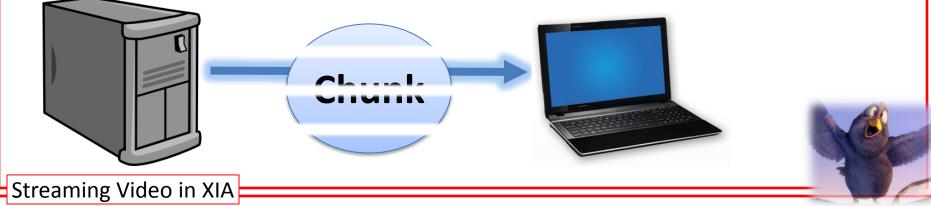


Content Centric Architecture



 Retrieve contents from anywhere

Existing Client/Server & Video Server Apps

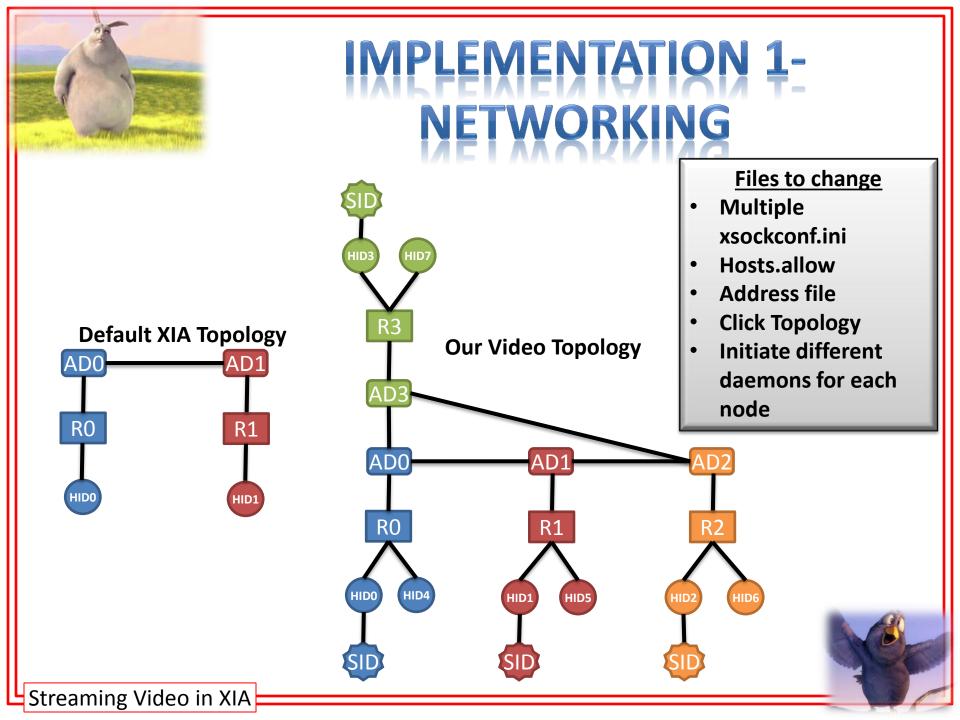


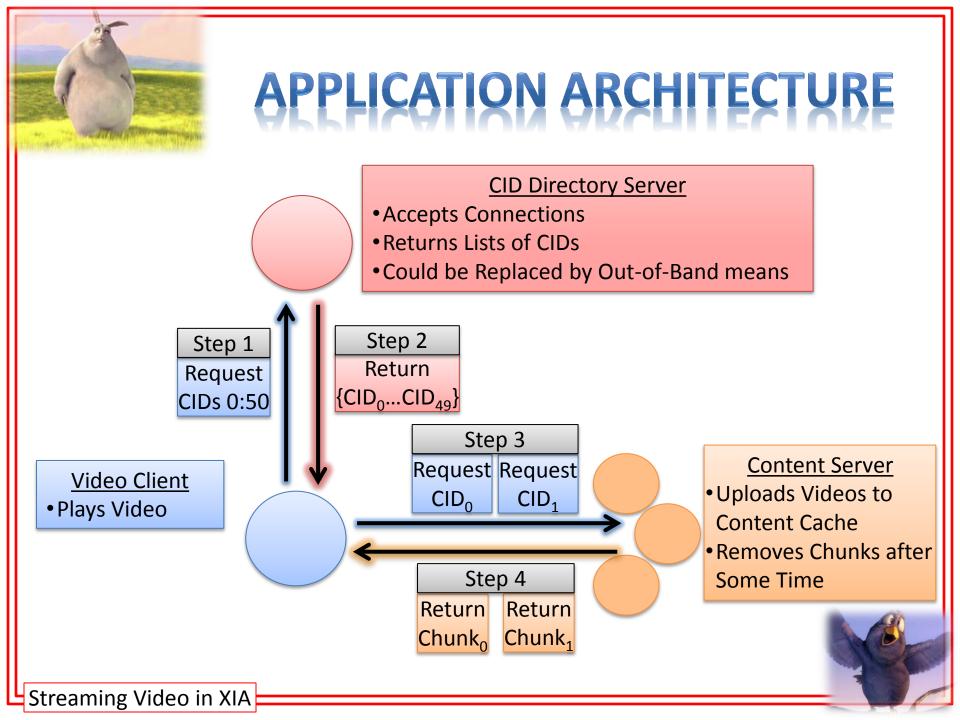


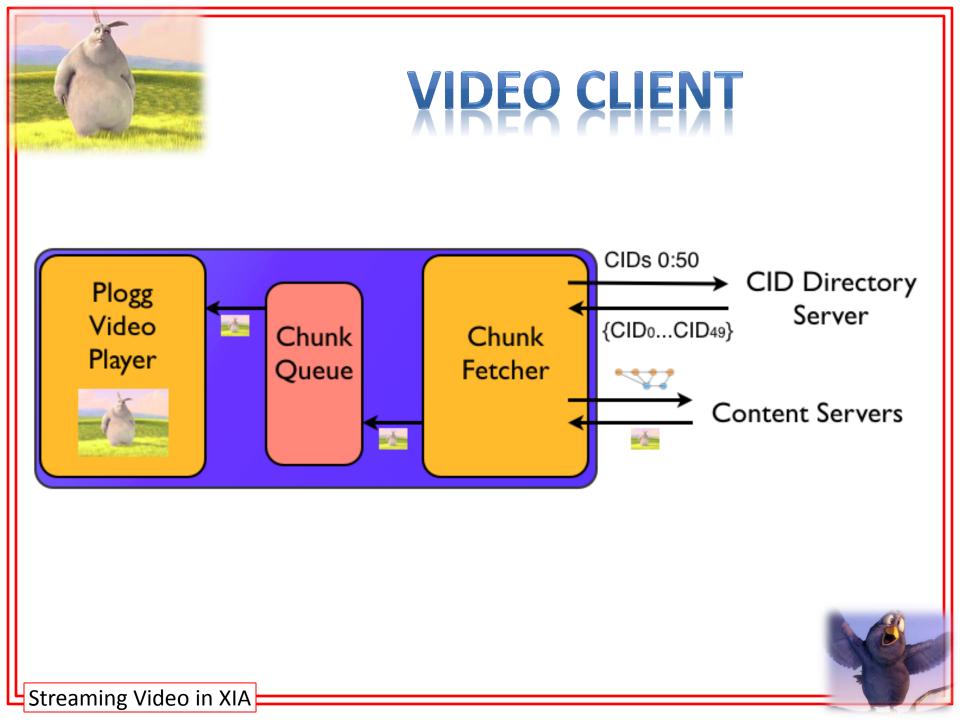


- Create a new network to offer richer scenarios
- Find the means to play a video
- Adapting existing XIA applications such chunk server and video server.
- Add functionality (failover, multithreading)
- Test in a variety of situations





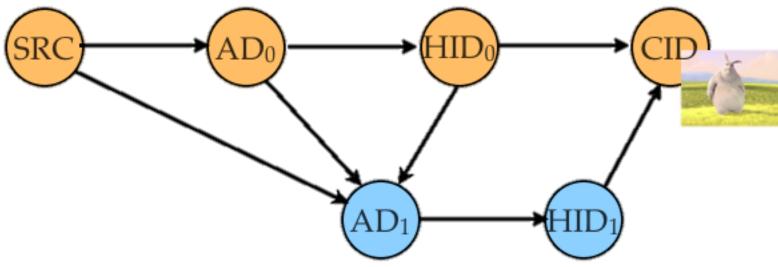






ACCOMMODATING FAILOVER

• Seamless failover between Content Servers



- Application-level failover also supported
- Client Migration not yet supported



