ICN and video distribution

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First node requesting

TV4 Play Server → Internet → NetInf server (Cache) → NetInf Media Proxy & Name Resolution Service → First node

Request() → Resp()
Some issues

› How to know if good response means good network or nearby cache?
› If one rate is requested but another is locally cached, it might make sense to start with the locally cached one.
› When switching rate, that also often means changing source for retrieving chunks. Could mean switching to lower bitrate might not necessarily help.
Next Steps

› We expect ICN and video distribution, especially the interactions between ICN and adaptive streaming video, will be a major topic in London.

› There is a draft that was presented in Berlin:
  – [draft-video-streaming-over-ICN-00.txt](draft-video-streaming-over-ICN-00.txt)

› Contributions most welcome, both on the mailing list and for presentation in London.