Cloud Computing in Practice: Digital Video Mashups

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A Look Ahead…

- "Cloud" as smart outsourcing
- Reasons to move into the cloud
- A look at video APIs and live mashups
- Demo and walkthrough of the code
- Next Steps
- Questions

Demos and Downloads

Demos:

Terra - lifeonterra.com

Terrapod - terrapodcast.com

go2collegeMT - go2collegemt.org/videos/

mediaHub - spirs.lib.montana.edu/hub/

Download:

Video Mashups @ the Library

http://www.lib.montana.edu/~jason/files.php

API

- Rules for talking to remote server
- Store
- Retrieve
- Upload

Application Programming Interface

Cloud = Infrastructure

- Open and Available Storage
- Structured Data
- File Conversion
- Display and Markup
- Limits Staffing Needs

Cloud = Web Scale

- Network benefit
- Enhanced distribution
- Social architecture

Mashup Routine

- Make request
- Receive structured data
- Parse and display

  Sample Request:
  http://www.blip.tv/posts/?
  user=terrapoduser&pagelen=10&file_type=flv&s
  kin=rss

Code Samples

- blip.tv
  http://www.lib.montana.edu/~jason/files/api/bliptv/

- YouTube
  http://www.lib.montana.edu/~jason/files/api/youtube/

Best Practices

- Cloud architecture = heavy lifting
- Archive locally if you must...
- Outsource conversion

Don't be "ascared"?

- Apps.gov
- Structured data
- Storage and apps running on the network

"This is Teh Future"

Getting Started

blip.tv API
http://blip.tv/about/api/

YouTube API
http://code.google.com/apis/youtube/overview.html

Questions?

Contact Information

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