

Digital Video Made Easier

Datastore and conversion using
video APIs (YouTube, blip.tv)

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Problem

- Create scalable digital video platform with bells and whistles in a week or so...

Solution

- Use online video services for ingest, data store, metadata, file conversion, distribution, video player ...

Demos

- Terrapod (k-12 student podcasts)
 - <http://www.terrapodcast.com/>
 - blip.tv API
- go2collegeMT
 - <http://go2collegemt.org/videos/>
 - YouTube API
- mediaHub
 - <http://spirs.lib.montana.edu/hub/>
 - blip.tv API

WTF? Why? Advantages?

- Small shop
- Many contributors, familiar UI
- Optimized search index
- File Conversions
- Social features and media players
- Multiple file outputs (m4v, flv, mpeg)
- Multiple distribution formats
 - mediaRSS, JSON, ATOM, OpenSearch

Disadvantages?

- Data in the cloud
- Terms of service
- API lag
- Varying support

Code

- PHP 5, Javascript, XML
- Downloads for basic service
 - blip.tv - <http://bit.ly/9Ntrw1>
 - YouTube - <http://bit.ly/b2pyix>
- Contact me for search/browse code
 - <http://www.lib.montana.edu/~jason/files.php>

Questions? Collaboration?

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