

Metrocon 15

keynote: The Operating System of Your Life

Siva Vaidhyanathan (UVA)
@sivavaid / The Googlization of Everything

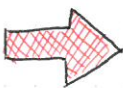
Google

model for how govt works

model for how business works

rich, powerful, ideological

almost theological



BUT NOW...

a PRECIPICE: a change
a resistance



closed
walled
closed system



open
customizable
open networks

- ↓ competition
- ↓ protests
- ↓ lawsuits

“The Internet”

may be an artificial term.

that the internet is a global, unified, democratic network is 9

MASS ILLUSION

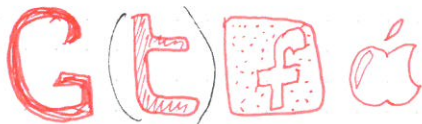
- gov't surveillance (eg Turkey)
- spying (eg U.S.)
- security meltdowns
- network non-neutrality in the U.S.

EMBEDDEDNESS

the 90s, ^{early} 00s:
"going online"
"logging on"
"on-/off line"

now
"embedded in the digital flow"
we are nodes in the network
we carry the data with us.

↙ City CodeSpace



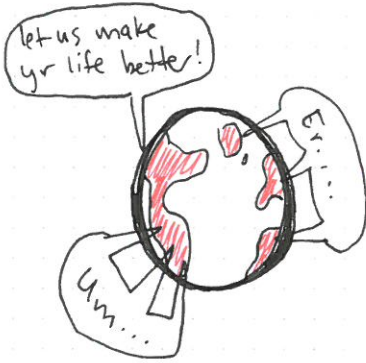
GIANTS...but not COMPETITORS.

What are these companies really after?

→ They want to be the OS of our lives. ←

- In our homes, our cars, our relationships.
- Everything important in our lives would be embedded in this OS.
- Correcting the human element...
- ... with unfettered access to our data - to us.

These companies, according to their missions,
want to improve our lives!



↳ according to
THEIR VISION
of a better life.



Public & private
data surveillance
are becoming the
same thing.

We built this **SYSTEM**

& now we must **QUESTION** it.



There is no cloud

there are **SERVERS**

& real **PEOPLE**

making **REAL** decisions.

⊗ read Bibliotech

It is the role of
LIBRARIES
& educators to
LEAD the **DEBATE**
about how we want these
systems to behave, where
privacy & civic engagement
should happen, & what
a democratic society needs.

Metrocon 15

ESDN

Empire State Digital Network @ NYS digital

- Davis Erin Anderson (METRO)
- Mark Matienzo (DPLA)
- Kerri Willette, Jon Mignault (ESDN)


Kerri Willette

About ESDN:

- NYS service hub for DPLA
- infrastructure! workflows! guidelines! (2013-15)
- LAMs outreach
- NY content → DPLA

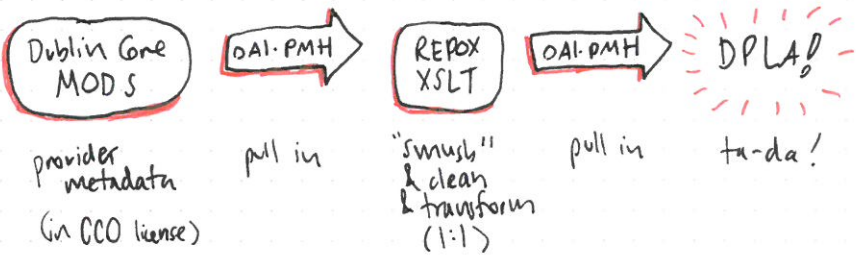
About DPLA:

- 8m items
- public site w/ institutions' archival materials
- API
- content hubs & service hubs



Phase 1 partners: NYSED, Columbia, &c.

Phase 2 partners: many other institutions!
↳ incl. regional hubs & institution-hosted collections & non-hosted collections



Mark Matienzo on ...



's new ingest model:

Heiðrun [hay droon]

DPLA's
ingestion
process:



see: bit.ly/dpla-ingest-workflows

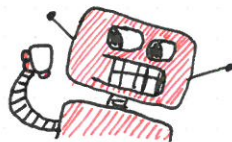
for info about cleaning, aligning, validating



Challenges w/ ingestion:



- balancing time & remediation
- very hands-on (esp. unequal D.C.)
- process opaque to hubs
- data transformation not communicated back
- enrichment → inconsistencies



DM
NOM
NOM



Feedback from hubs:



- greater control during ingestion
- data quality reports
- receive data enrichments
- collaboration on tools, dev



Coming soon!



- Revision of DPLA Metadata App. Profile
- encourage hubs to enrich our data
- new ingestion system, Heiðrun

D	P
L	A

&

E	S	D	N
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both worry about

SUSTAINABILITY

OPEN SOURCE SOFTWARE

spotty documentation
unclear support (long-term) ^{risky}

XSLT stylesheets for
each collection, each
partner ... phew!
(with small teams!)

LABOR-INTENSIVENESS

... but both hail their

COLLABORATION

liaisons ↔ service hubs!

DPLA ↔ ESDN!

ESDN ↔ NC!

new email lists &

© conversations!

PUT IT
ON YR
CAL:



DPLA FEST!

workshops! activities!
hacking! API! yay!

2015

Remember...

PUBLIC ACCESS



is
TACTICAL PRESERVATION.

B. Nowiskie



OO F.

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Julia Lipkins

OHMS

Oral History Metadata Synchronizer

oralhistoryonline.org

+ BHS Brooklyn Historical Society

Simultaneous searching in interview transcript + audio recording (🎧).

1

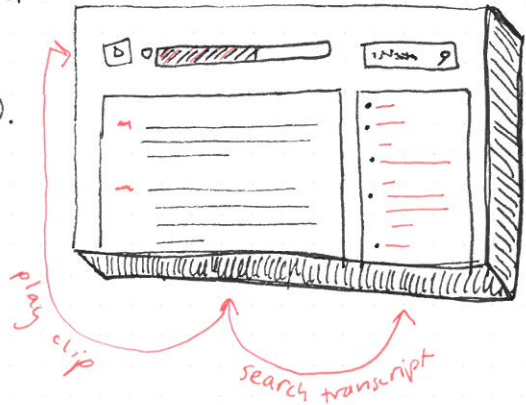
.TXT

+

.MP3

↓

OHMS



nuncenter.org / ohms

2

Cataloguer marks start/end of clips in transcript (10m for 1 hr audio)

See CROSSING BORDERS, BRIDGING GENERATIONS from BHS to see in action!

3

Further indexing & metadata (time-consuming)

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Community Oral History @ NYPL

Alex Kelly
@ NYPL

oralhistory
.nypl.org



began ?
@ Jefferson_{Met} branch:
115 oral histories collected by
75 volunteers (2-hr training)

COMMUNIZING



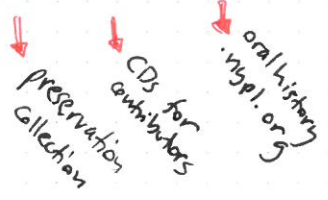
Oral history
= history!



... means getting community members involved & leading — they own the project.

CURRENT PROJECTS :

- People's History of Harlem
- Voices from East of Bronx Park
- Visible Lives: Oral Histories of the Disability Experience



ee panning for storytellers "

Metrocon 15

Steve Zweibel
Matt Gold
Patrick Smyth
Cailean Cooney

CU
NY

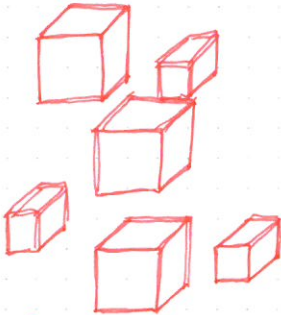
> DHbox

dhbox.org

a virtual computer lab
in the cloud

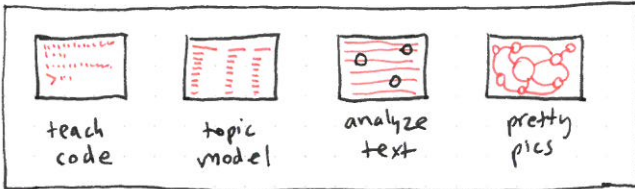
.....

- began as a grad. class project @ CUNY's GC Digital Initiative
- in response to DH projects' large overhead of specialized knowledge, \$, lab
- so → virtual computer hosted elsewhere with DH tools involved



TOOLS INCLUDED:

- * iPython
- * MALLET
- * R studio
- * NLTK
- * Omeka
- * more coming! (gephi)



Post....
great way
to get around
IT limitations



A real Linux computer. With command line. |

>D+box cont'd.

Challenges: security, conveying big ideas, speed/power

UX to come: drag & drop, command cheat sheets

Cool!: British Library to provide 60k+ archival images



Time-saving tool in class:
Get to the good stuff without
spending many hours installing stuff

Grant funding pays for
hosting / distribution



Metrocon microsite:

mnylc.org/metrocon15/slides

Password: #METROcon15