

**DLF**

**Architecture for  
Collaboration**

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# oops, world changed

Information privatization accelerates.

Google owns discovery and delivery,  
*organizing* the world's information.

But not to worry, we will buy it back,  
*via* adverts or licenses (eg publishers).

# scale trumps all

Aggregation scores  
*{even in niches}*.

To be found data sources must be  
susceptible to easy normalization.

Federated search is dead.

Gathering | Presentation  
are | disjointed.

pace of change

*accelerating*

“Today’s children will be able to wear all the media ever created around their necks by the time they go to college.”

– Peter Kaufman

# got organization?

- ... Networks for preservation
- ... Inter-domain services for data viewing, editing, manipulation
- ... Standards dev and marketing
- ... Community based authorization

# cataloguing our collaboration

State, supra-state or regional groupings  
Cataloging, acquisitions, licensing coop.

Ex. : hub and spoke cataloging (OCLC)  
but ...

Catalogs never coalesced to trees int'lly  
Lack of traversal, pruning, entry ability  
Global indexing and services difficult

# scope of success

Standards - protocols and schemas

eg METS, ERMI, TEI, OAI, OpenURL

Apps - universal adoption eludes

eg DSpace, Fedora, LOCKSS

(our very Big Ideas don't find fruition:

OCA re-sets its expectations ).

# “all one org”

Plethora of library friendly orgs:

ARL, OCLC, CNI, DLF, CLIR ...

Look at the words:

- coalition
- association
- consortium
- council
- federation

# limits to kindness

Initiatives are often limited in scope

Little comprehensive achievement

Ineffective hybrid work and governance

(partnering with IT, CS, EE, I-Schools)

Our organizations mostly produce  
white papers and talk shops

Aquifer suggests necessary future

# what we did

we've designed our collaborations

around

<organizations>

<applications>

not around

<aspirations>

# models exist

HE and the Internet (and its progenitors)

Univ. created regional service providers

National nets (I2-NLR) w/ Int'l peering

Collaborating and sharing:

- connectivity (equipment)
- infrastructure (contracts and pipes)
- governance (action taking orgs)
- responsibility (protocols to SLAs)
- funding (internal allocs, external pledges)

# look to ourselves

Plan partnerships, not receiverships.

NDIIPP is an inadequately realized oppty.

We should have (are beginning to?) ...

- partnered to make the plan
- built support with Congress *via* LoC
- delivered and sustained by ourselves

Joint problem, *collaborative solution*.

we can

Help  
define  
the  
future.

# make opportunity happen

Joint action requires resource redirects

Must internally re-organize

Create our own new opportunity

Examine operations, rebuild staff

Quarantine freed budget

# think big, make big

Create a new kind of organization:

“Cyber-Library”

Representative governance.

Autonomous from members.

Make deep resource allocs.

Threat of failure must create **a n x i e t y**.

# providing direction

Cyber Library is an infrastructure ...  
*for which we can provide leadership.*

OCI is eager to engage with us.

We can *design* and *deliver* solutions.

Coordinated effort, with a  
collaborative commitment.

# what management provides

Don't relive past competencies

[Focus focus] on a few good things

Don't wrap yourselves in committees

Accept necessity of evasive maneuvers

Keep the runways clear of debris

# paths forward

Support evolving academic needs.

Design for the low-threshold majority.

Address points of pain.

User interface never an endpoint.

Think about the deep.

Think about product positioning.

## ex. app

A push content to the network service -  
for preservation, access, re-formatting:

- Federated authorization
- Individually tailored
- Institutionally branded
- Community network
- International reach

Architectures ...  
.... of collaboration