Cooperation in the Digital Age: Building the Library Platform

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Networked Environment

Reconfigured Libraries

Cooperative Infrastructure
Mega-Regions of Europe

http://www.creativeclass.com/whos_your_city/maps/#Mega-Regions_of_Europe
Constructing a Nordic mega-region infrastructure for the emerging creative class

- highly educated
- entrepreneurial
- supported by strong ICT and
- logistics systems

(and libraries?)

http://www.nortrade.com/index?cmd=show_article&id=512
Data defines the networked information environment.
The consumer platform... an addressable, self-improving knowledge-base.
The consumer platform... maximizes reference-ability exposes ‘hooks’ for social interaction
The consumer platform . . . excels at aggregating and ‘sorting out’ demand.
Your Highlights (Most recently updated first)

**Hunger (Penguin Twentieth-Century Classics)** by Knut Hamsun
You have 0 highlighted passages
You have 1 note
Last annotated on October 30, 2011

> anymore or a book to read when life became too dreary. [Read more at location 437](#)

**Note:** Lassitude [Edit]

**Contes bruns (Contes bruns, French Language Edition) (French Edition)** by Honoré de Balzac
You have 0 highlighted passages
You have 1 note
Last annotated on July 12, 2011

> chèvre qui cuisait dans une marmite, près de nous; et nous [Read more at location 58](#)

**Note:** Test [Edit]

**Family Album: A Novel** by Penelope Lively
You have 2 highlighted passages
You have 0 notes
Last annotated on September 2, 2010

> Martin himself produces the sort of work that provokes intense discussion amongst about a dozen people and is bought only by academic libraries. [Read more at location 1133](#) *Delete this highlight*

**Note:** Add a note

> book, and of course the academic library [Read more at location 2951](#) *Delete this highlight*

**Note:** Add a note

**Governing the Commons: The Evolution of Institutions for Collective Action (Political Economy of Institutions and Decisions)** by Elinor Ostrom
Fans of marginalia: Take note. Subtext is a startup that is attempting to bring those incisive notes (or sophomoric jokes) you used to leave in the margins of text online — and make them interactive social eBook reading experience to 

If you've ever paid the extra cost for a fuller music listening experience, a behind-the-scenes look at the band, a DVD, etc., then you can probably get a sense of what Subtext is trying to do with reading. Except that the startup wants to offer an enhanced reading experience that, while adding neat additions and sidenotes, author commentary, and Web connectedness (for free) — doesn't distract from the reading experience.

Essentially, this all means that Subtext is offering a reading experience on the iPad that allows users to engage in conversations with friends, community members, as well as authors and experts, even they're not on the same page of the text (i.e. reading at the same pace). Readers can get author, expert, and community information, contribute their own thoughts, as well as add and explore links to relevant articles, images, and multimedia content from the webernets. So, in short, Subtext is adding context to the eBook experience through social networking and web-culled content.

If you ask me (even though you didn't), the eBook reading experience is badly in need of a way to make its reading experience deeper and richer, while avoiding becoming the vast, horizontal ocean that, say, constitutes Wikipedia. I love context when I'm reading, and if there is author commentary to boot, then I'm all for it. With Subtext, Subtext is heading in the right direction.
The library platform . . . excels at ‘sorting out’ supply

Buzz Aldrin, what happened to you in all the confusion?
by Johan Harstad; Deborah Dawkin
Book : Fiction
Language: English

Words without borders : the world through the eyes of writers : an anthology
by Alane Salerno Mason; Dedi Felman; Samantha Schnee;
Book : Fiction
Language: English

McSweeney's 35
by Dave Eggers, John Brandon;
Book : Fiction
Language: English
The library platform . . . excels at aggregating, enriching, structuring data

Hamsun, Knut 1859-1952

Overview

**Works:** 1,716 works in 6,014 publications in 66 languages and 41,852 library holdings

**Genres:** Autobiographical fiction, Norwegian fiction, Love stories, Mystery fiction, German fiction, Humorous fiction, Domestic fiction, Short stories

**Subject Headings:** Authors, Norwegian—20th century, Authors, Norwegian—19th century, Authors, Norwegian

**Roles:** Honoree, Bibliographic antecedent, Author of introduction, Other

**Classifications:** pt3060.h3, 990.8236

~150 years of publication history

Publication Timeline

Most widely held works about Knut Hamsun

- **Knut Hamsun** by Harold S Nees (Book)
- **Enigma: the life of Knut Hamsun** by Robert Ferguson (Book)
- **Knut Hamsun: dreamer and dissenter** by Ingar Sletten Kollien (Book)
- **Knut Hamsun** by Hanne Astrup Larsen (Book)
- **Knut Hamsun remembers America: essays and stories, 1906-1949** by Knut Hamsun (Book)
The library platform ... embodies a particular **domain model**

**WorldCat Identities Network**

- Explore Identities
- Associate Relationships

**Hamsun, Knut 1859-1952**

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**Names matter** personal, corporate, geographic, uniform titles

**Relationships matter** works, expressions, manifestations; roles

**Identifiers matter** ISBN, LCCN, OCLC etc.

Outside in:
Books, journals, DVDs, ... *(Bought and licensed)*

Aim: *to discover ...*

Inside out:
institutional assets: special collections, research and learning materials, institutional records, ...

Aim: *to have discovered ...*

(With thanks to Lorcan Dempsey)
Decreasing investment in local print collection, increasing reliance on licensed electronic.

Growing emphasis on **Customer Relationship Management**

*Source:* Statistikk for arkiv, bibliotek og museum, 2009
Shift in demand – greater reliance on digital formats

Demand for print has leveled off while inventory continues to grow

Source: Statistikk for arkiv, bibliotek og museum, 2009
Infrastructure (space & tools) for increased productivity

Collections: inside-out

Library value less about ‘commodity’ collections more about support for the research process: CRISTIN

DUO/NORA
A look in the **rear-view mirror** . . . Ca. 2006

**Collections Emphasis:**

Outside-In

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**Resources**

- X-port - Search Services
- BIBSYS Ask
- BIBSYS Subject Gateway: Resources on web
- Resources by Subject
- DUO - Digital publications
- New Books in the Library

**University of Oslo Library**

- About the Library
- Library of Humanities and Social Sciences
- Library of Medicine and Health Sciences
- The Faculty of Law Library
- Faculty of Mathematics and Natural Sciences Library

**General Information**

- Opening hours
- Lending Rules
- Interlibrary Loan
- International Students
- Prices

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**News**

- X-port - fastest way to information
- BIBSYS Ask
- [May 2005]
- BIBSYS Ask [April 2005]

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**More information**

- Dial-up networking to UiO

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**Collections Emphasis:**

Outside-In
What Changed? Priorities.

Remarkable growth
Between 2004 and 2007 Norway's university and college sector experienced an overall escalation in scientific publication of nearly 18 per cent. This growth is relatively evenly distributed across academic fields and institutions.

"The growth in output is remarkable in an international context. Norway has increased the percentage of articles published globally over the past few years, while most other Western countries have seen a decline in their corresponding output," says Gunnar Sivertsen, Special Adviser at the Norwegian Institute for Studies in Innovation, Research and Education (NIFU STEP).

Top ten most frequently cited
The citation frequency for Norwegian research was previously low at the international level, but this has changed over the past few years. Now, the citation frequency is significantly above the world average, with Norway ranking among the top ten in the world.

http://www.forskningsradet.no/en/Newsarticle/High_scores_for_scientific_output_and_international_citation/1224066961722
Norske doktorgrader etter fagområde 1980–2010

Increasing national research capacity

Increased reliance on performance and publication indicators

Derived from: Nedlastbare figurer og tabeller til Indikatorrapporten 2011 (Tabell A.1.7)
Growing the ‘Creative Class’: Norway’s next great natural resource?

Figur 1.3.2
Doktorgrader per mill. innbyggere for utvalgte land i 2009 etter fagområde.

Norway

1 Inkl. tjenester og ukjent.
Kilde: OECD/NORBAL
The next generation of Norwegian researchers . . .

will require a new kind of HE environment

Source: NSD Årsmelding, 2009
Digital library agenda is key to ‘virtualization’ of research enterprise: it maximizes impact in the network.
National information infrastructure in a global library platform = network effects

1.5M personal names in BIBSYS linked data set

~250 Norwegian authors in Wikipedia

450K* titles in NorBok

~250K digitized by NB.no

48K in Bokhylla

+ 15M personal names in VIAF

+ 16K Norwegian titles in HathiTrust

*http://www.nb.no/bokhylla/om/om-bokhylla
New Cooperative Infrastructure

Shared stewardship of digitized corpus

- CIC 13
- UC 10 + 1
- TRLN 4

~50% contribute content

Shared management of legacy print

October 2008

N = 34

October 2009

N = 58

October 2010

October 2011
NFF saksøker HathiTrust

- Jeg har vært i bokbransjen i flere tiår, men dette er noe av verste jeg har sett, sier Trond Andreassen (bildet), som forklaring på at NFF nå er blant de flere internasjonale forfatterorganisasjonene som saksøker The HathiTrust og fem amerikanske universiteter som benytter seg fritt av syv millioner rettighetsbelagte bøker.

10.10.2011

- Disse amerikanske universitetene har, med Googles hjelp, besluttet å digitalisere og legge på sine egne servere tusenvis av bøker som er publisert i Norge. Hvorfor har de ikke spurtt oss om lov til dette? Vi finner lett hvilke forfattere det gjelder, men alle disse bøkene er rettighetsbelagt, og selvfølgelig må også forfatterne kunne si nei, sier Trond Andreassen.

Også hans utgivelse "Bok-Norge" er ulovlig lagt ut digitalt i regi av HathiTrust, som på er blitt saksøkt med amerikanske Authors Guild i spissen for en lang rekke
Growth of HathiTrust Digital Library
(Jun 2009 – Oct 2011)

Library cooperation *made this possible*
Networked information environment *made it imperative*

NB. <50K Norwegian language speakers in US
Majority of research libraries shifting toward e-centric acquisitions, service model

73% of university ARLs

Majority of research libraries shifting toward e-centric acquisitions, service model

Shrinking pool of libraries with mission and resources to sustain print preservation as ‘core’ operation – 25?

If robust digital preservation and access system were available: “74% of respondents said that the withdrawal of print books would be an important strategy for their libraries in the future … A large majority of libraries (84%) said that they would be more likely to withdraw their [digitized and digitally preserved] print book collections if they could access print copies of books through a trusted sharing network.”

Source: Ithaka S+R Library Survey 2010
Duplication of ARL University Library Holdings in HathiTrust Digital Library

Median duplication in June 2011: 36%
Median duplication in June 2010: 31%
Median duplication in June 2009: 19%

[The network reconfigures the library]
A closing reflection.

If libraries are to see themselves ‘on the map’ in the global network, in tomorrow’s knowledge base,

We must build a cooperative platform together.
Takk for oppmerksomheten.

... Spørsmål?

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