How open source changed the danish library sector

by Niels Schmidt Petersen - Project Manager - City of Aarhus - Culture and Citizens Services - ITK
Who are you anyway?

- Community manager for TING
- Project manager on other open source projects, bibOS
- Still new in “open source land”
Todays talk

1. Something was rotten in the state of Denmark…

2. But what if…

3. What we need…this is our vision

4. What did we create?

5. How we did it

6. What’s next!
Something was rotten in the state of Denmark....

Silo infrastructure...

...and mentality
Challenges

• Libraries (municipalities) were using different standard CMS and used a lot of resources developing and maintaining their own websites

• Digital content/resources bought through vendors proprietary systems meant high dependency and complex to integrate on websites/services

• Communication to users about digital resources was difficult - resources only available through vendor websites > not showing in search results on library sites

• Tendency across the libraries to focus on own IT projects and not thinking on collaboration and sharing
Where it all started…
We stopped doing things for our own good… and opened up our organizations, minds and solutions… so that others could benefit from our results.

We took back (some) control from vendors, defined our common needs and initiated projects from an open source point of view.

We build an infrastructure…
… that give libraries the ability to use content/data everywhere … on all digital devices.

what if?

let’s go!!
What we need!

• One common infrastructure that gives the ability to use content/data everywhere

• Sharing of content – communication and dissemination across libraries and municipalities

• Open source mindset - collaboration, innovation and sharing

• Supplier/vendor control

• Competition and partnerships

• Better websites/services for the end-users
An open eco-system for [cultural] innovation collaboration, and sharing of results in a digital society
New infrastructure essential
Results...what did TING foster

- A national SOA infrastructure based on open source webservices
- A national data repository, harvesting, indexing, relating and distributing metadata
- ding CMS (Drupal based) - website for libraries - using the data repository
- A mobile theme and later apps for smartphones - so all municipalities (libraries) can support mobile oriented library users.
- national webservices/sites using the infrastructure and data repository
Efterårets program er nu på gaden

Brugerpanel

B-siden: Det perfekte match

Lyn op for efterårets tilbud til skolerne

Lån bøger, musik og film digitalt

Nyt fra biblioteket

Silkeborg Bibliotekernes efterårsprogram 2015 er nu på gaden.

Nyheder Onsdag 19. august 2015 af Jørgen Høst

Velkommen til efterårets arrangementer og læringstilbud på bibliotekerne i Silkeborg, Kjellerup, Gjern og Them. Det trykte program distribueres med Ekstra

Arrangementer

Mandag 31. august

Mandag 31. august 2015

Familie Quiz - Kender du Cirkeline?
Silkeborg Bibliotek (Hele dagen) Gratis

Tirsdag

Tirsdag 1. september 2015

Læs mere
PAS PÅ DIT DIGITALE OMDOMME
Man. 7. sept. kl. 19, Hovedbiblioteket
Pernille Tranberg fortæller, hvordan du beskytter din identitet, dit privatliv og dine persondata, når du er online.
Billet kr. 65,- på randersbib.dk
Nyt fra biblioteket

Tekstil Bog- og Blogdag

**TIRSDAG 25. AUGUST 2015** AF VIBE CHRISTENSEN

Lærdag d. 5. september slår BIBLIOTEKET endnu en gang dørene op for en formidabel dag med fokus på tekstil og al magien deromkring.

Læs mere

Arrangementer

**Onsdag 2. september 2015**

Dans med Global Kidz: Dancehall

BIBLIOTEKET RENTEMESTERVEJ
14:00 TIL 15:00 GRATIS

Læs mere
HALLO DERUDE!

Onsdag d. 2. september bliver den første danske astronaut, Andreas Mogensen, sendt ud i rummet. I 2009 blev han udvalgt som ESA-astronaut og er nu klar til sin rejse til Den Internationale Rumstation.

Læs hele nyheden
Fortæl historien om:
Den forladte by

5. - 7. oktober på
Minecraft server:
91.250.86.231

TILMELDING:
Din lærer skal tilmelde klassen til konkurrencen inden kl. 12.00 torsdag den 1. oktober.

Tryk her for at tilmelde

10 gode film

Her kan du se 10 gode film, udvalgt af eksperterne hos Buster Filmfestival. Til hver film er der spørgsmål, så du kan se filmen og tale om dem derhjemme og i skolen.

Se de 10 film her

OSCAR DIETZ
A.K.A. ANTBOY
UDVÆLGER DEN BEDSTE FILM-ANMELDELSE
More longterm results..

• TING Community - 50 library partners (municipalities) covering almost 70 percent of Denmark's population and 15 vendor partners

• TING was in 2013 evaluated by Danish Agency for Libraries and Media and ding CMS version 2 was chosen as foundation for The Danish Digital Library (a collaboration between Local Government Denmark and The Ministry of Culture)

• Fundamental and cultural change in how we collaborate between libraries, vendors and others - for the common good

• A new (open source) mindset slowly emerged and spread in the library sector

• TING Community as a catalyst for innovation - new solutions/services
Derived projects and initiatives

- Library Produced Content - sharing of content between libraries
- bibOS - open source on public library computers
- Info Channel - platform for showing content on large (public) screens
- OS2 - open source community focusing on solutions for municipalities
- Open Data Aarhus - giving everyone access to public data
How did we do it?

- Strong leadership and people with passion
- Front-movers - the bigger libraries took the lead - benefitted smaller ones
- Openness, collaboration, sharing - ecosystem
- Inspired by open source communities such as Drupal, Ubuntu fx in terms of governance, Code of conduct, meritocracy, code standards
- Communication and activities - TING Community, partnerships, ting.dk, events
Governance

T!NG Community

- Core Team
- Library Partners
- Vendor Partners
- Council
  - Working Group
- mobile.TING
- ding.TING
- content.TING
- brand.TING
What’s next?

- Transformation of TING from a library focus to a wider public sector focus
- Adapting the TING model and mindset into other municipal sectors - schools, museums and cultural institutions
- Partnership with OS2 Community
- TING going international? - collaboration with and “The TING mindset”
That’s all…
…any questions?
Contact

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