How open source changed the danish library sector

by Niels Schmidt Petersen - Project Manager - City of Aarhus - Culture and Citizens Services - ITK

LibreOffice
The Document Foundation

Aarhus 2015
CONFERENCE
23rd-25th September

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 af lot of ressources 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 - ressources 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…

what if?

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

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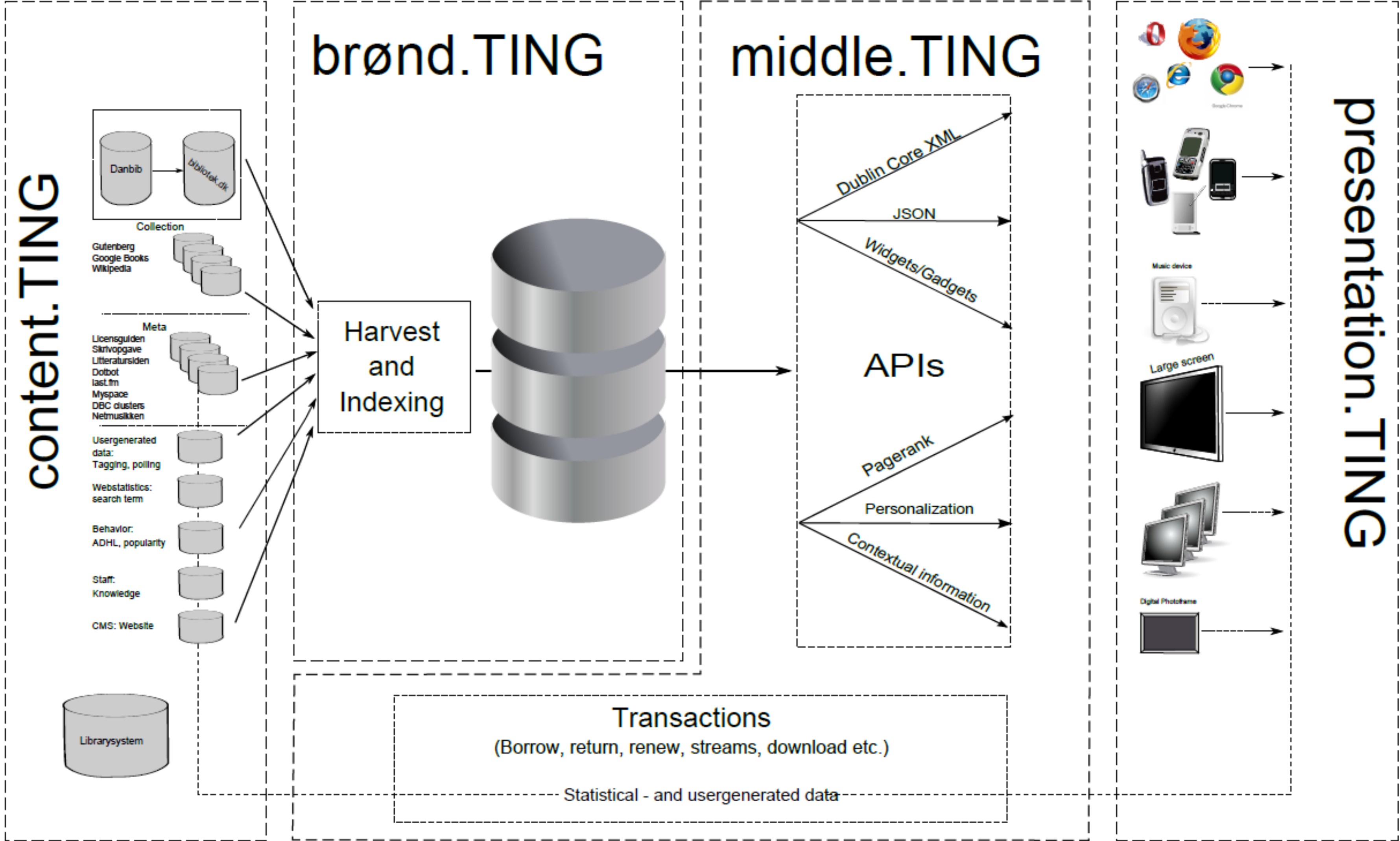…on all digital devices.

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

T!NGCONCEPT

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

Søg i biblioteksdatabasen og på hjemmesiden

🔍 Søg i bibliotekets materialer   **Søg**

Netmedier   Børn & forældre   Inspiration   Det sker   Tilbud til dig   Åbningstider | Om bibliotekerne | Kontakt os

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

B-siden: Det perfekte match

Johanne Behrmann guider denne gang til det perfekte match mellem bøger og vin og løfter samtidig sløret for, hvad bibliotekets store efterårsprogram byder på.

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

Læs mere

Arrangementer

MANDAG
31
august
Mandag 31. august 2015

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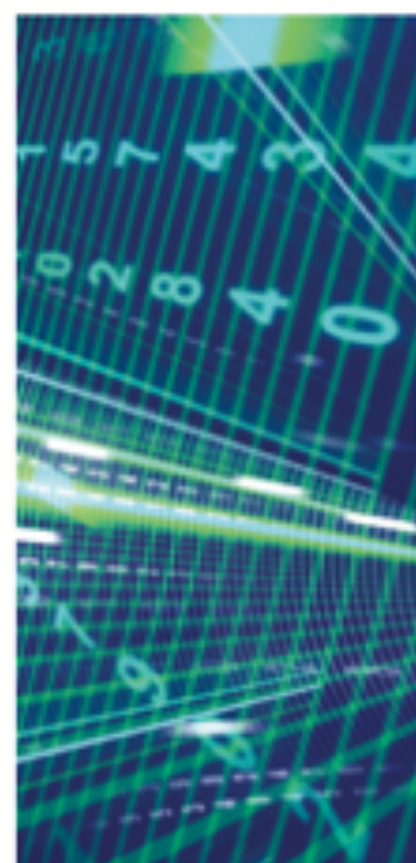Silkeborg Bibliotek   (Hele dagen)   Gratis   ›

TIRSDAG
Tirsdag 1. september 2015

Skriv f.eks. Harry Potter, krimi eller lign.

Søg

PAS PÅ DIT DIGITALE OMDØMME

Man. 7. sept. kl. 19, Hovedbiblioteket

Pernille Tranberg fortæller, hvordan du beskytter din identitet, dit privatliv og dine persondata, når du er online.
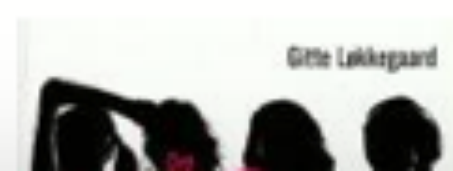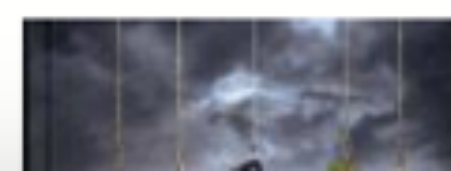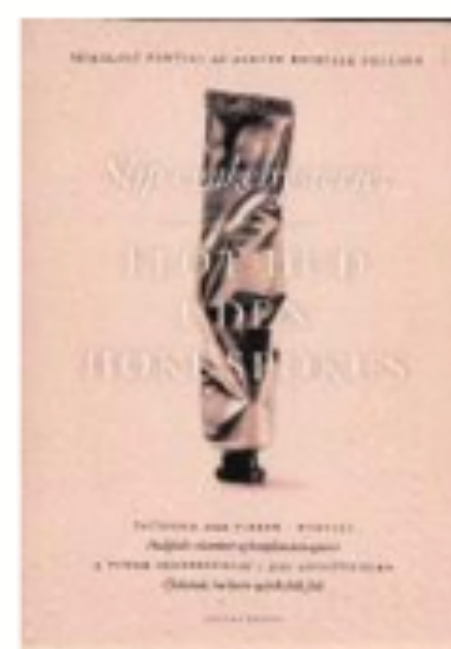
Billet kr. 65,- på randersbib.dk

TEMA DIGITAL DANNELSE
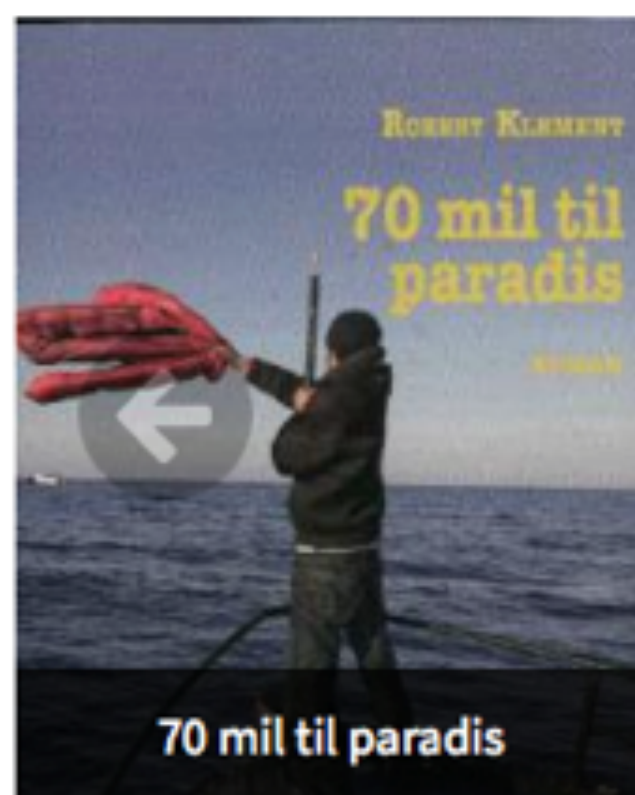
Åbningstider

Selvbetjening

Bliv bruger

Online

Anbefalinger

Søg

Login

Søg i biblioteksdatabasen eller på hjemmesiden

Skriv dine søgeord her

Søg

Det sker   Biblioteker   Børn   Litteratur   Faglitteratur   Netmedier   Temaer

English | Kontakt

På flugt

70 mil til paradis

De udvalgte - på flugt for livet

Støj og stilhed

På flugt

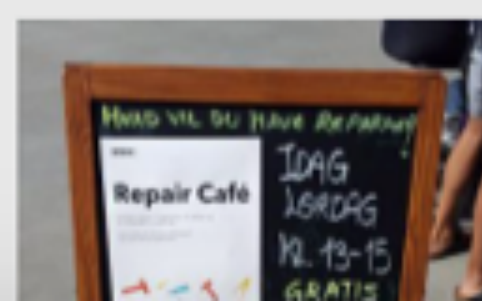Usynlige mennesker

| FLYGTNINGE | KLIMA 1 | KLIMA 2 | KLIMA 3 | UNGDOMSBØGER |

Nyt fra biblioteket

Er du god til at fikse ting? Så bliv frivillige i Repair Café på Dokk1

Inspiration   Torsdag 27. august 2015 af jku

Det sker

Mandag
31
august

Mandag 31. august 2015

Åbent hus i Sundhedsplejen

KØBENHAVNS BIBLIOTEKER

København

Baggrunds-viden

Vi har også

KØBENHAVN
FILM UDDANNELSE
TEMAER
VI-HAR-OGSÅ GAMING BAGGRUNDSVIDEN
LYD BØRN
MUSIK BØGER
LÆSEKLUBBER

🔍 Skriv din søgning her og klik "enter" eller "søg"   Søg

Nyt fra biblioteket

Arrangementer

Inspiration

Tekstil Bog- og Blogdag

TIRSDAG 25. AUGUST 2015 AF VIBE CHRISTENSEN

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

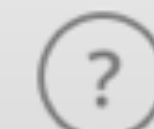Læs mere

Onsdag
2 september

Onsdag 2. september 2015

Dans med Global Kidz: Dancehall

📍 BIBLIOTEKET RENTEMESTERVEJ
📅 14:00 TIL 15:00 GRATIS

Læs mere

Torsdag

@Reolen.dk

NYHEDER

E-BØGER
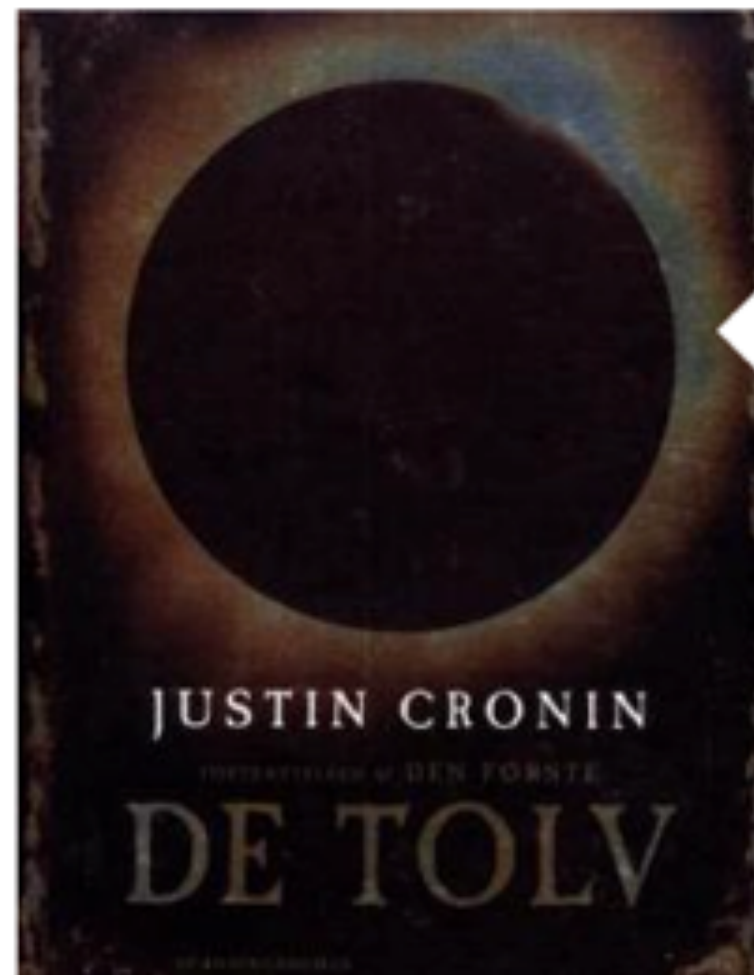
NETLYDBØGER

LOG IND

HJÆLP

Skriv titel, forfatter eller emne.

Kurt Aust
DE USYNLIGE BRØDRE

HANS KEILSON
Komedie i mol

Sissel Bergfjord
Sortedam

ROSAMUND LUPTON
"Et sikrenabrochok, der fremkalder både tårer og kuldegysninger"
New York Times
SØSTER
Du er forsvundet...
Jeg finder dig...

LONE HØRSLEV
NATURLIGE PIGEBER

MORTEN KIRKSK
kapgang

Tab

Kære dagbog

Tøser ingen adgang!

Poetiske tekster

Nyeste titler

JUSTIN CRONIN
DE TOLV

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

EKSTRA LÅN

Titler du altid kan låne

UDENLANDSK LITTERATUR

@Reolen Global

QR bog

KOM I GANG

Søg på bøger, film, spil, musik...

Fortæl historien om:
Den forladte by

5. - 7. oktober på
Minecraft server:
91.250.86.231

PALLE LAND

TILMELDING:

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

Tryk her for at tilmelde

VILD MED FILM

10 gode film

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

Se de 10 film her ▶

BUSTER programmet er lige 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 Denmarks 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 catalysator 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

Community

Governance

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 culturel institutions

- Partnership with OS2 Community

- TING going international? - collaboration with and "The TING mindset"

That's all…
…any questions?

Contact

Niels Schmidt Petersen

nsp@aarhus.dk
29 20 43 60

ITK - Hack Kampmanns Plads 2
8000 Aarhus C