

Clearing the skies: From tag clouds to Topic Maps

Topic Maps 2007

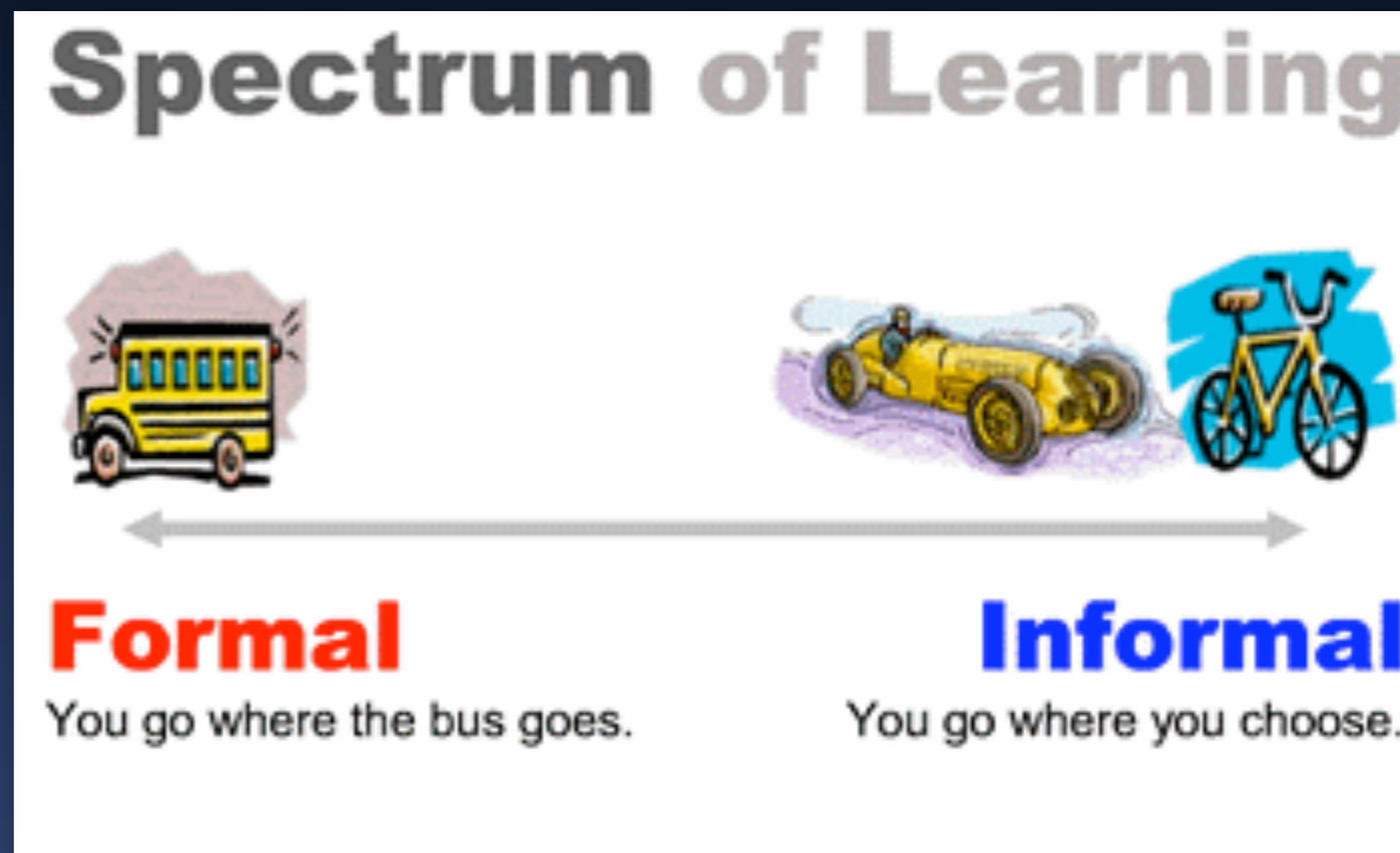


Virtual vs. traditional schooling?

- Administrative
- Communication
- Calendar
- Assignments
- Tests
- Writing tools, techniques
- Instructor focus



Formal and informal learning



Personal Learning Environment

The screenshot shows the Elgg.net user interface. At the top right, there are links for [Home](#), [Account settings](#), and [Log off](#). The Elgg.NET logo is on the left. Below it are navigation tabs: [Your Blog](#), [Your Files](#), [Your Network](#), [Your Resources](#), and [Your Profile](#).

A section titled "Who's interested in ePortfolios?" displays five user avatars with their names: Jill McLaren, Rémi, Dave Tosh, mark, and S.Fialar.

Below this is a search bar with the text "Search" and a "search" button.

The main content area features three blog entries:

- Vocab Daydreams** (Aug 25 2006 | [Read More...](#)): For a K-12 language educator, teaching vocabulary presents some singular challenges. While we all agree that vocabulary is a critical skill, the agreement tends to disappear when it comes ...
- Multimedia message** (Aug 24 2006 | [Read More...](#)): Multimedia message, originally uploaded by Ben Wermuller.
- CancerNursing.org** (Aug 23 2006 | [Read More...](#)): A highlight session: CancerNursing.org. After Stuart Sutherland left a comment on the Edufilter site notifying me about their project, I looked over the website and thought CancerNursing.org would ...

On the right sidebar, there is a profile for Stian Lavik, Development Manager of Cerpus AS, with links for [RSS](#), [Tags](#), and [Resources](#).

Below the profile are sections for "Recent Activity", "Owned communities" (listing Old English Railway), "Community memberships" (listing Topic Maps and Cerpus), "Your Friends" (listing Elgg News, Dave Tosh, Tommy W. Nordeng, Ben Wermuller, Misja Hoebe, Trond Kristiansen, and Development blog), and "Elgg.net Sponsors" (listing aperto elearning solutions and FunnyMonkey Tools for Teachers).



Web 2.0 is here!



Flickr tags

Explore / Tags /

Hot tags

In the last 24 hours

utatafun, bluetagged, ctflickr, namethatfilm, barcamp, photofriday, livestrong, furryfriday, tonemapped, celltagged, throughtheviewfinder, canon350d, patagonia, adriatic, featheryfriday, poser, a620, pyramids, hawaiian, shozu

Over the last week

vfestival2006, safaribalaplata, v2006, vfestival, airandwatershow, slcc, greenmanifestation, livestrong, lowlands, pennsic, eatbrains, flugtag, zombiewalk, hempfest, theex, pukkelpop, ozomatli, chelmsford, zeroimage, irishfest

Jump to:

GO

All time most popular tags

amsterdam animal animals april **architecture** art august australia baby barcelona
beach berlin birthday black blackandwhite blue boston bw california
cameraphone camping canada canon car cat cats chicago china
christmas church city clouds color concert day dc dog dogs england europe
family festival film florida flower flowers food france **friends** fun
garden geotagged germany girl graduation graffiti green halloween hawaii hiking holiday
home honeymoon hongkong house india ireland island italy japan july june kids lake
landscape light london losangeles macro march may me mexico mountain mountains
museum music nature new newyork newyorkcity newzealand night nikon nyc



del.icio.us tags

del.icio.us / tag / **blogoposium1** popular | recent
[login](#) | [register](#) | [help](#)

All items tagged **blogoposium1** → view **popular** del.icio.us

« [earlier](#) | [later](#) »

[Our First "Blogoposium" - Communicating the Ideas behind "Web 2.0" - TECHNOSIGHT](#) [save this](#)
Gartner Web2.0で紹介
by arimajunichiro to blogoposium1 web2.0 blogpost technosight Ken_Yarmosh 0509 Gartner ... [saved by 27 other people](#) ... on june 23

[explaining web 2.0 to non geeks](#) [save this](#)
poging om het web2.0 uit te leggen
by mansszat to web2.0 folksonomy visualisation blogoposium1 ... [saved by 1 other person](#) ... on march 13

[Ken Yarmosh - Our First "Blogoposium" - Communicating the Ideas behind "Web 2.0" - TECHNOSIGHT](#) [save this](#)
by hollyward to blogoposium1 ... [saved by 27 other people](#) ... on march 12

[TECHNOSIGHT » Our First "Blogoposium" - Communicating the Ideas behind "Web 2.0"](#) [save this](#)
by mprasatik to blog tech learnnext web2.0 blogoposium1 ... [saved by 27 other people](#) ... on dec 11, 2005

[del.icio.us/tag/blogoposium1](#) [save this](#)
great list of web 2.0 blog entries and discussions
by kenchu to web2.0 blogoposium blogoposium1 ... on nov 30, 2005

[Bokardo » Blog Archive » The Long Tail and Web 2.0](#) [save this](#)
by dagoneye to web2.0 blogoposium1 trends visions Web opinions ... [saved by 29 other people](#) ... on nov 25, 2005

[Tolerance and Experience Continuums \(web2.wsj2.com\)](#) [save this](#)
by dhinchcliffe to web2.0 johnbattelle newyorktimes ajax adaptivepath experiencecontinuum tolerancecontinuum composability blogoposium1 ... [saved by 7 other people](#) ... on nov 20, 2005

[Finding the Real Web 2.0 \(web2.wsj2.com\)](#) [save this](#)
by dhinchcliffe to web2.0 katrina hurricane collectiveintelligence mechanicalturk amazon craigslist emergency grassroots blogoposium1 ... [saved by 21 other people](#) ... on nov 15, 2005

[What Do You Care What Other People Think?: SaaS Startup Offering](#) [save this](#)
by dhinchcliffe to softwareasaservice saas startup microsoft businessmodels server web2.0 webservices critique blogoposium1 ... [saved by 4 other people](#) ... on nov 9, 2005

[Do I Really Need That? Benefits of SOA, RSS, J2EE, or SOAP @ JAVA DEVELOPER'S JOURNAL](#) [save this](#)
by dhinchcliffe to jason bell soa rss j2ee soap technology blogoposium1 ... [saved by 6 other people](#) ... on nov 3, 2005

« [earlier](#) | [later](#) »

related tags

- [web2.0](#)
- [blogs](#)
- [blog](#)
- [ajax](#)
- [blogoposium](#)
- [tagging](#)
- [aggregation](#)
- [digerati](#)
- [participation](#)
- [socialbookmarks](#)
- [adoption](#)



Tags and learning?

- Joseph Novak's building blocks of knowledge:
 - Concepts



Tag cloud

ethanol

hydrocarbon

alcohol

health injury

wine
beer
liquor

intoxicant

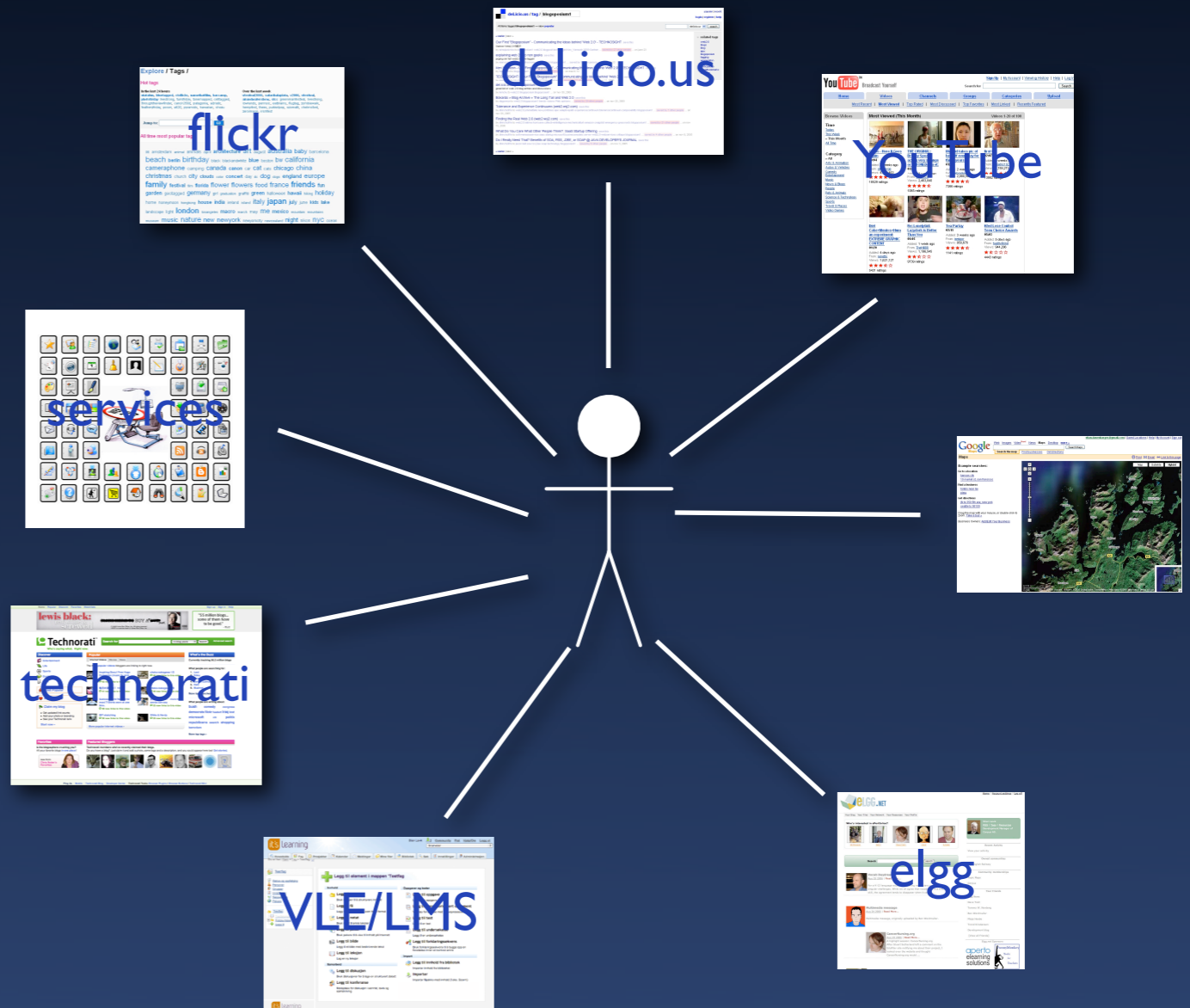
social problem

fermentation



Bringing it all together

Personal Learning Environment



So you've got tags...

“That don't impress me much...”

- Shania Twain

“You've got the bricks, but can you build the house?”

- Cerpus



Joseph Novak's theory of learning

- The building blocks of knowledge:
 - Concepts
 - Propositions



Tag cloud

ethanol

hydrocarbon

alcohol

health injury

wine
beer
liquor

intoxicant

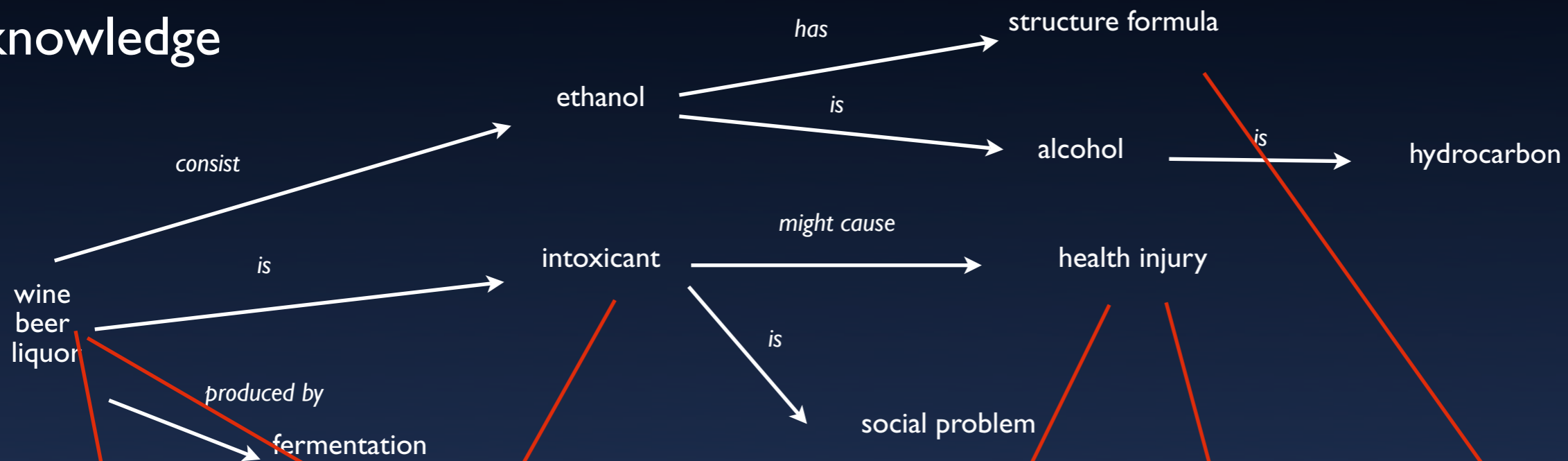
social problem

fermentation



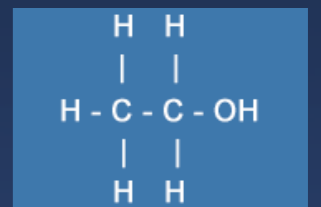
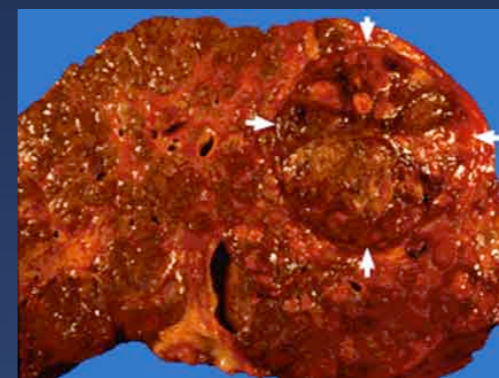
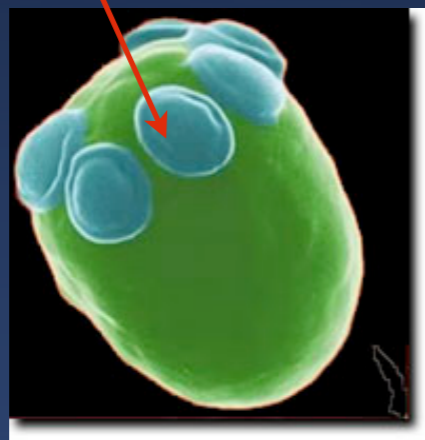
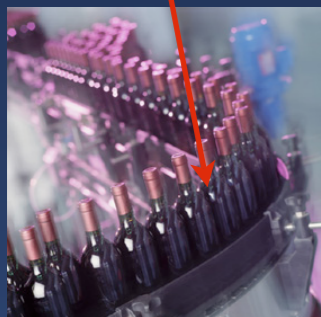
topic maps: the two-layered model

knowledge



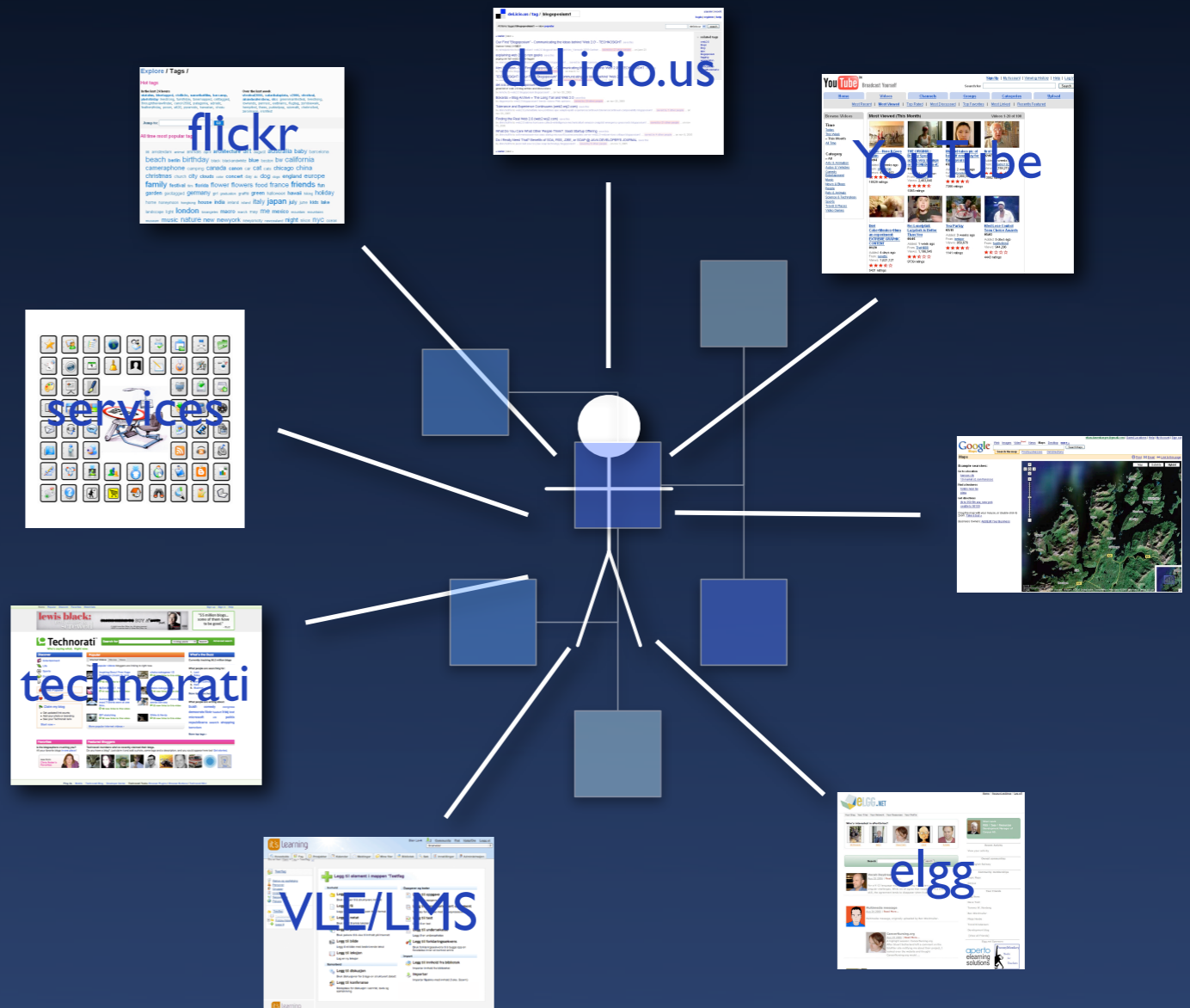
information

http://www.rusdir.no/fakta_om/alkohol/



Bringing it all together

Personal Learning Environment



fuzzy.com

fuzzzy.com
with 3 times z because most things are really fuzzzy

Bookmarks Tags Users Settings

You are here: Home \ All Tags \ Tag Topic Maps

Parent Tags: [Add](#) [Create](#)

- [Semantic Web](#) Involves Topic Maps
- [Topic Maps Portal or Online Application](#) Is supported by Topic Maps
- [Findability](#) Is supported by Topic Maps
- [ISO standard](#) Is the parent category of Topic Maps
- [Fuzzzy](#) Runs on Topic Maps
- [Information Design Tools](#) Involves Topic Maps

Tag ★

Topic Maps

Also known as: TM.
an ISO standard for the representation and interchange of knowledge, with an emphasis on the findability of information.

Created by [roylac](#) at 30. januar 2007

Related Tags: [Add](#) [Create](#)

- [RDF](#) Is similar to Topic Maps
- [Topic Maps Conference](#) Mention Topic Maps
- [Topic Maps Blog](#) Is mentioned by Topic Maps
- [Ontopia](#) Deals with Topic Maps
- [Cerpus AS](#) Deals with Topic Maps
- [Fuzzzy](#) Related to Topic Maps
- [Semantic network](#) Is similar to Topic Maps
- [polyscopy](#) Related to Topic Maps
- [GTM](#) Related to Topic Maps

Child Tags: [Add](#) [Create](#)

- [Ontology](#) Is involved by Topic Maps
- [XTM](#) Is part of Topic Maps
- [TMAPI](#) Is part of Topic Maps
- [CXTM](#) Is involved by Topic Maps
- [GTM](#) Is involved by Topic Maps
- [TMCore](#) Supports Topic Maps

Bookmarks with this Tag: [Add new](#)

Mood Knowledge Level of detail Location Relevance

Items Sort by Recommended by

10 Quality

[Reset](#)

- [Larsblog](#) [Lars Marius](#) is blogging about Topic Maps and related technologies. Posted by [Lutz](#) at 16. februar 2007
- [The homepage of the ISO Comitee for Topic Maps](#) Posted by [arnar](#) at 20. februar 2007
- [Inge Henriksen's Proposal to GTM](#) Inge Henriksen's Proposal to GTM (Graphical Notation of Topic Maps) was Posted by [Lutz](#) at 20. februar 2007
- [Topic Maps in Wikipedia](#) Posted by [Are](#) at 22. februar 2007
- [Emnekart in Wikipedia](#) Emnekart is the norwegian term for Topic Maps Posted by [Are](#) at 22. februar 2007
- [Tags/folksonomies and Topic Maps](#) Tagging is an interesting and useful technique, but the way it's currently us... gap betw... Posted by [Are](#) at 22. februar 2007
- [Metadata? Thesauri? Taxonomies? Topic Maps!](#) Topic Maps is a potential tool for information architects. This paper gives a traditional solu... Posted by [Are](#) at 22. februar 2007
- [TMRA 2006](#) TMRA - the international conference series on Topic Maps Research and /... Posted by [per](#) at 4. desember 2006



Brainstorming

The screenshot displays a web-based brainstorming tool. At the top right is the 'Brain Bank Learning' logo. The central focus is a mind map with 'ePortfolio' at the center. Radiating from this center are lines connecting to 24 text boxes arranged in three columns. The left column contains: assessment portfolio, social perspective, continuity, meta cognition, relations, work effort, goals, dialogues, and Mead. The middle column contains: work portfolio, cultural perspective, issues, knowledge, Dewey, and Bakhtin. The right column contains: presentation portfolio, quality, motivation, meta learning, guidance, criteria, reflections, Vygotskij, and Dysthe. At the bottom right of the brainstorming area are three icons: a red 'X', a green checkmark, and a hand-drawn circle. The bottom of the interface features a status bar with the following information: User: Lisbet student, Role: Pupil/Student, Course: Læringsteorier, Subject: Test pedagogikk, and School: Hitos.

assessment portfolio

work portfolio

presentation portfolio

social perspective

cultural perspective

quality

continuity

motivation

meta cognition

ePortfolio

meta learning

relations

guidance

work effort

issues

criteria

goals

knowledge

reflections

dialogues

Dewey

Vygotskij

Mead

Bakhtin

Dysthe

✕ ✓ ✎

User: Lisbet student
Role: Pupil/Student

Course: Læringsteorier
Subject: Test pedagogikk

School: Hitos

Topic page



Flying Scotsman Type: steam engine



Scope

All Railway Common for selected

[Use](#) [Go to topicmap](#)

Description: The LNER Class A3 Pacific locomotive number 4472 "Flying Scotsman" (originally no. 1472) was built in 1923 for the London and North Eastern Railway at Doncaster Works to a design of Sir Nigel Gresley. It was employed on express trains on the East Coast Main Line from London King's Cross to Doncaster, Leeds, York, Newcastle upon Tyne or Edinburgh. It ended service with British Rail in 1963, and was sold to preservation, initially to Alan Pegler who saved the locomotive from being scrapped. It is frequently referred to as the most famous steam locomotive in the world.

Associations (1) Resources (2) Comments (0) Type

Image

- [Flying Scotsman](#)

URL

- [Flying Scotsman \(Moodle\)](#)

New resource

Source:

User: Stian Lavik
Role: Teacher/Supervisor

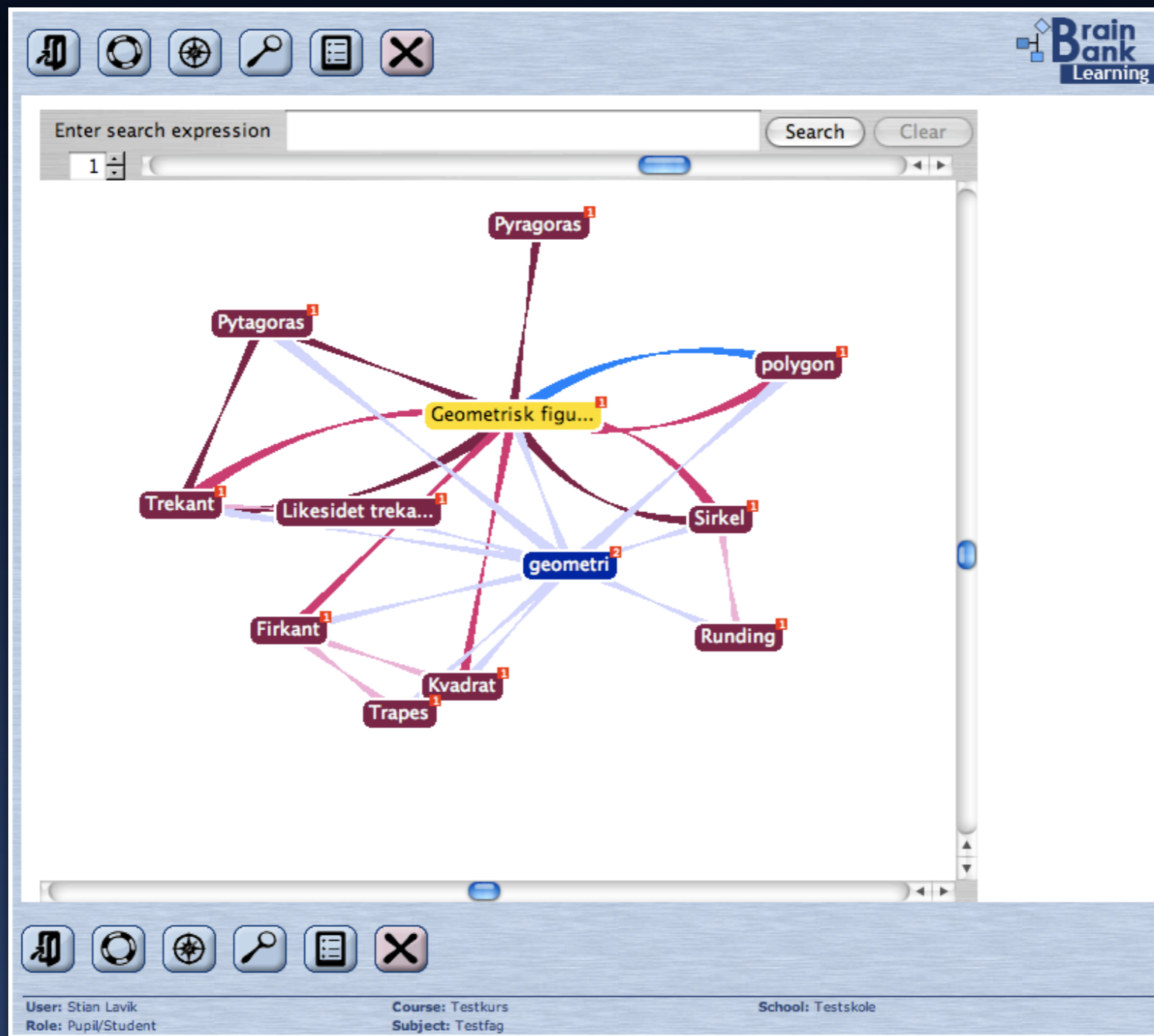
Course: Testkurs
Subject: Testfag

School: Testskole
BrainBank Owner: Stian Lavik

Associations

The screenshot shows the 'Association' interface in BrainBank Learning. At the top left is a 'Help' button and at the top right is the 'BrainBank Learning' logo. The main area is titled 'Association' and contains a diagram with two entities: 'LNER' on the left and 'Flying Scotsman' on the right. A central dropdown menu is set to 'used to own / owned by'. Two curved arrows connect the entities: the top one points from LNER to Flying Scotsman and is labeled 'used to own'; the bottom one points from Flying Scotsman to LNER and is labeled 'owned by'. Between the entities are icons for a circular arrow, a vertical double-headed arrow, and a copyright symbol. Below the diagram are 'X' and '✓' buttons. A 'Scope:' dropdown menu is open, showing 'All' and 'Railway' options. The footer contains user and course information: 'User: Stian Lavik', 'Role: Pupil/Student', 'Course: Testkurs', 'Subject: Testfag', 'School: Testskole', and 'BrainBank Owner: Stian Lavik'.

Knowledge map

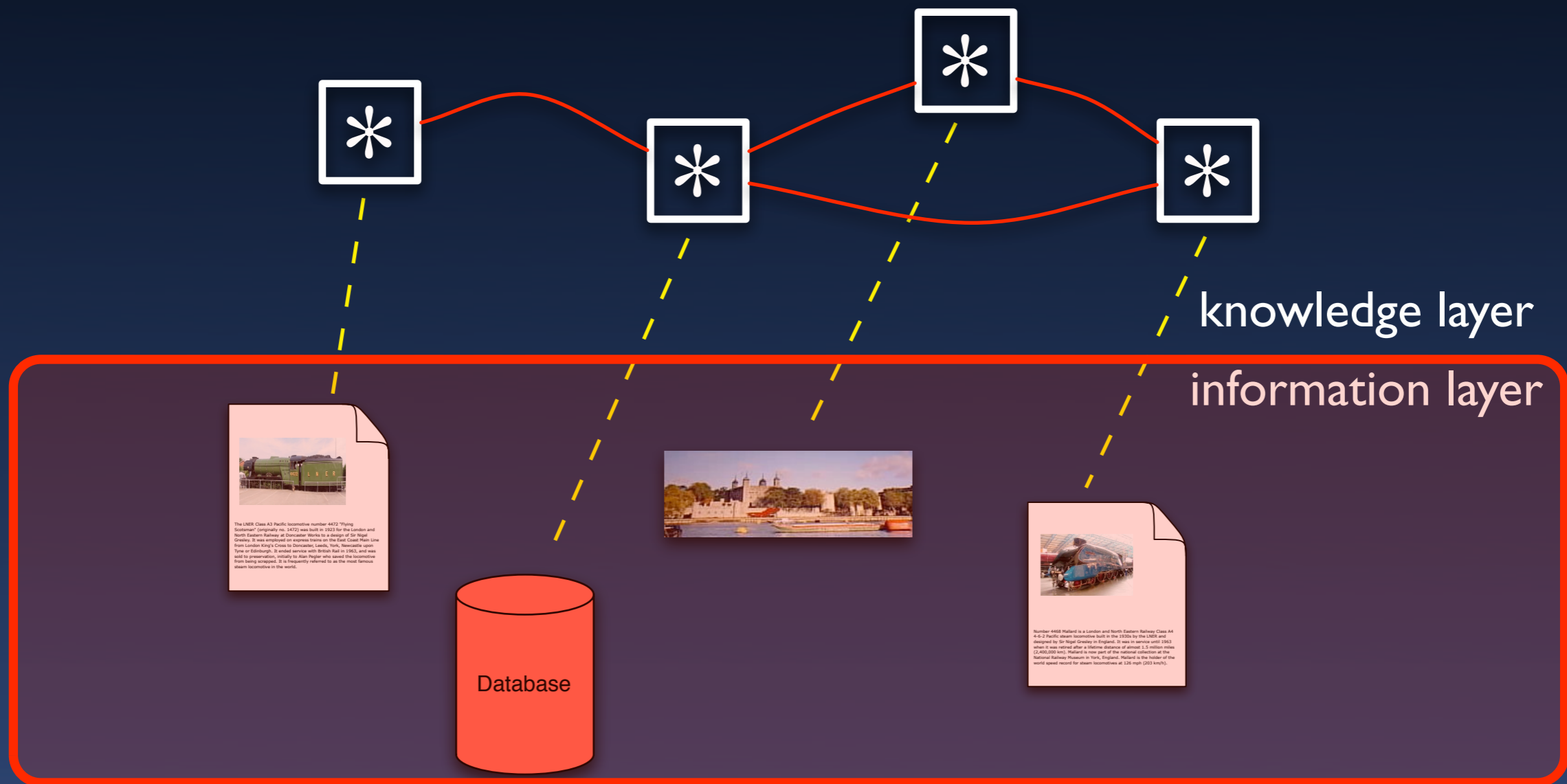


Latest project results

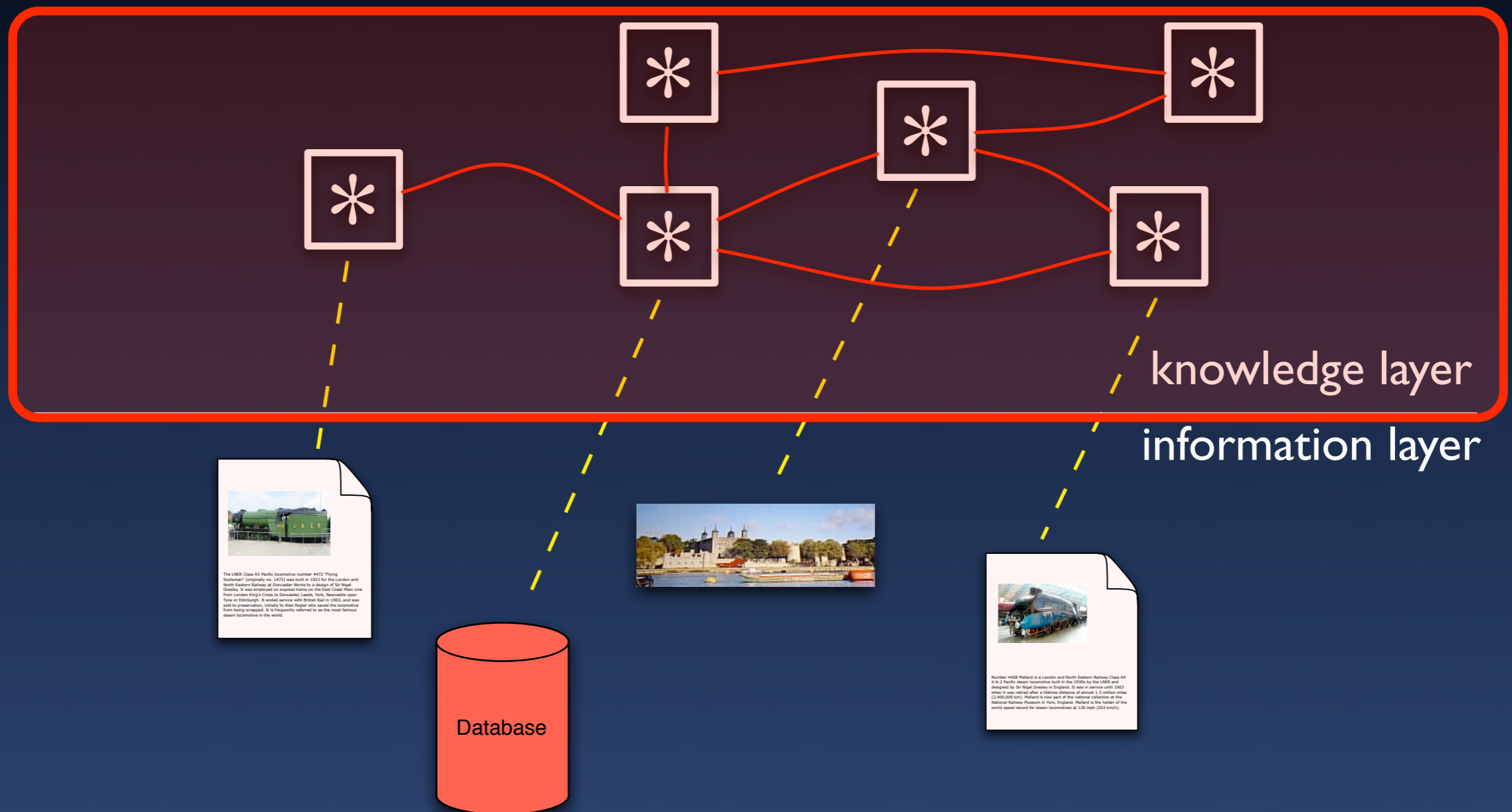
- Nordland fylke (County of Nordland):
 - ePortfolio project
- Methodological freedom: various approaches
- 20 000 new topics in BrainBank since October



“Traditional” TM dual layer approach



Focusing on knowledge



Topicmap as a service

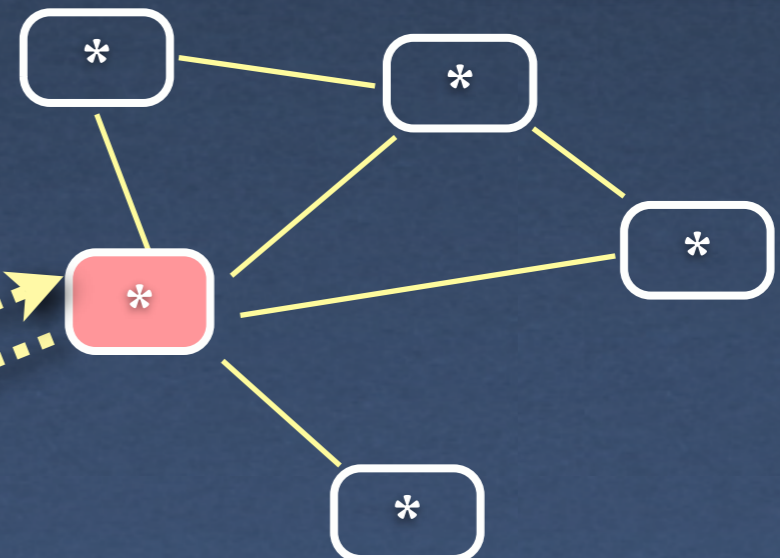


Digital environment

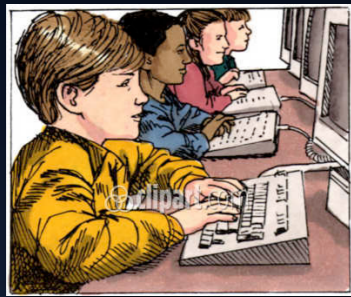
Resources



web services



BrainBank - Moodle

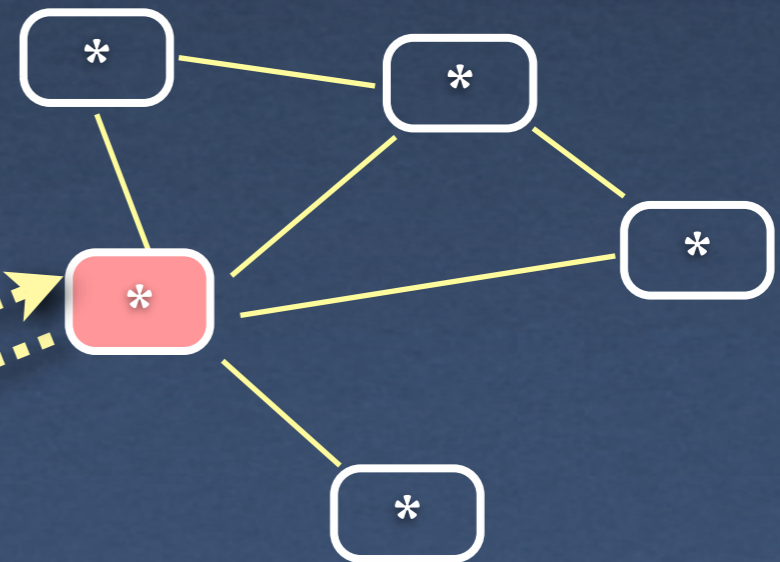


Dictionary



[Go to BrainBank](#)

TMRAP



Clearing the skies?



- Tags and tag clouds are useful
- Tags as topics in a topicmap are more useful
- If learners can learn the “Web 2.0 way” and build their own knowledge structures along the way, the sky is clearing