


+*

Opera | Det var på Kjeller jeg fikk ir... | Courses - cwi.unik.no | UNIK9250 - Sikkerhet i dist... | UNIK4710 UNIK9710 Block... | Compatibility - semantic-r... | +

← → ↻ ☰ semantic-mediawiki.org/wiki/Compatibility

+ Amazon.com Kelkoo



Main page
Introduction
User manual
Admin manual
Community portal
Recent changes
Register your wiki

Links
Report a bug
Source code
Code documentation
MediaWiki
OSDA

Tools

Page [Discussion](#)
View [View source](#) [History](#)

Compatibility

This page lists the **compatibility of Semantic MediaWiki (SMW)**. Please note that the PHP and MediaWiki version ranges listed are those in which SMW is known to work. It might also work with more recent versions of PHP and MediaWiki, though this is not guaranteed.

Platform compatibility

SMW version	Release date	PHP	MediaWiki	Composer	Validator
Semantic MediaWiki 1.9.1	9 February 2014	5.3.2 - 5.5.x	MW 1.19.0 - 1.23.x	Required	1.0.x (handled by Composer)
Semantic MediaWiki 1.9.0	3 January 2014	5.3.2 - 5.5.x	MW 1.19.0 - 1.23.x	Required	1.0.x (handled by Composer)
Semantic MediaWiki 1.8.0	2 December 2012	5.2.0 - 5.5.x	MW 1.17.0 - 1.22.0 1.22.2+	Not Supported	0.5.0 - 0.5.1
Semantic MediaWiki 1.7.1	5 March 2012	5.2.0 - 5.4.x	MW 1.16.0 - 1.19.x	Not Supported	0.4.13 - 0.4.14
Semantic MediaWiki 1.7.0	1 January 2012	5.2.0 - 5.4.x	MW 1.16.x - 1.19.x	Not Supported	0.4.13 - 0.4.14

Handwritten notes:
 ← Semantic Forms } Semantic Bundle
 ↓
 ↳ Validator
 ↳ Semantic MediaWiki

Database support




SMW version	MySQL	SQLite	PostgreSQL
Semantic MediaWiki 1.9.1	5.0.2+	3.7+	8.3+ (beta)
Semantic MediaWiki 1.9.0	5.0.2+	3.7+	8.3+ (beta)
Semantic MediaWiki 1.8.0	4.0+	3.7+	8.3+ (experimental)
Semantic MediaWiki 1.7.1	4.0+	3.6+ (experimental)	Not supported
Semantic MediaWiki 1.7.0	4.0+	3.6+ (experimental)	Not supported

This documentation page applies to all SMW versions from 1.7.0 to the most current version.

Categories: [Info templates](#) | [Semantic MediaWiki documentation](#) | [Installation](#)

This page was last modified on 8 February 2014, at 00:51.
 Content is available under [CC BY 3.0 \(Attribution 3.0 Germany\)](#) unless otherwise noted.

Privacy policy | About semantic-mediawiki.org | Disclaimers

Google Forms

Protege 3.5
Protege 3.X
Manchester
Ian Horrocks
→ Oxford
UoO, prof II

4.3
4.X owl compatibility Web Protege
Stanford → Stanford

Rules

Rule: interchange formats RIF

- internal ← consistency, validation
- external ← create knowledge

Watson

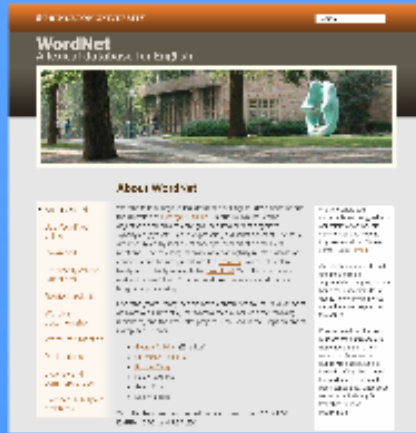
DB Pedia

Yago
MPI

Wordnet

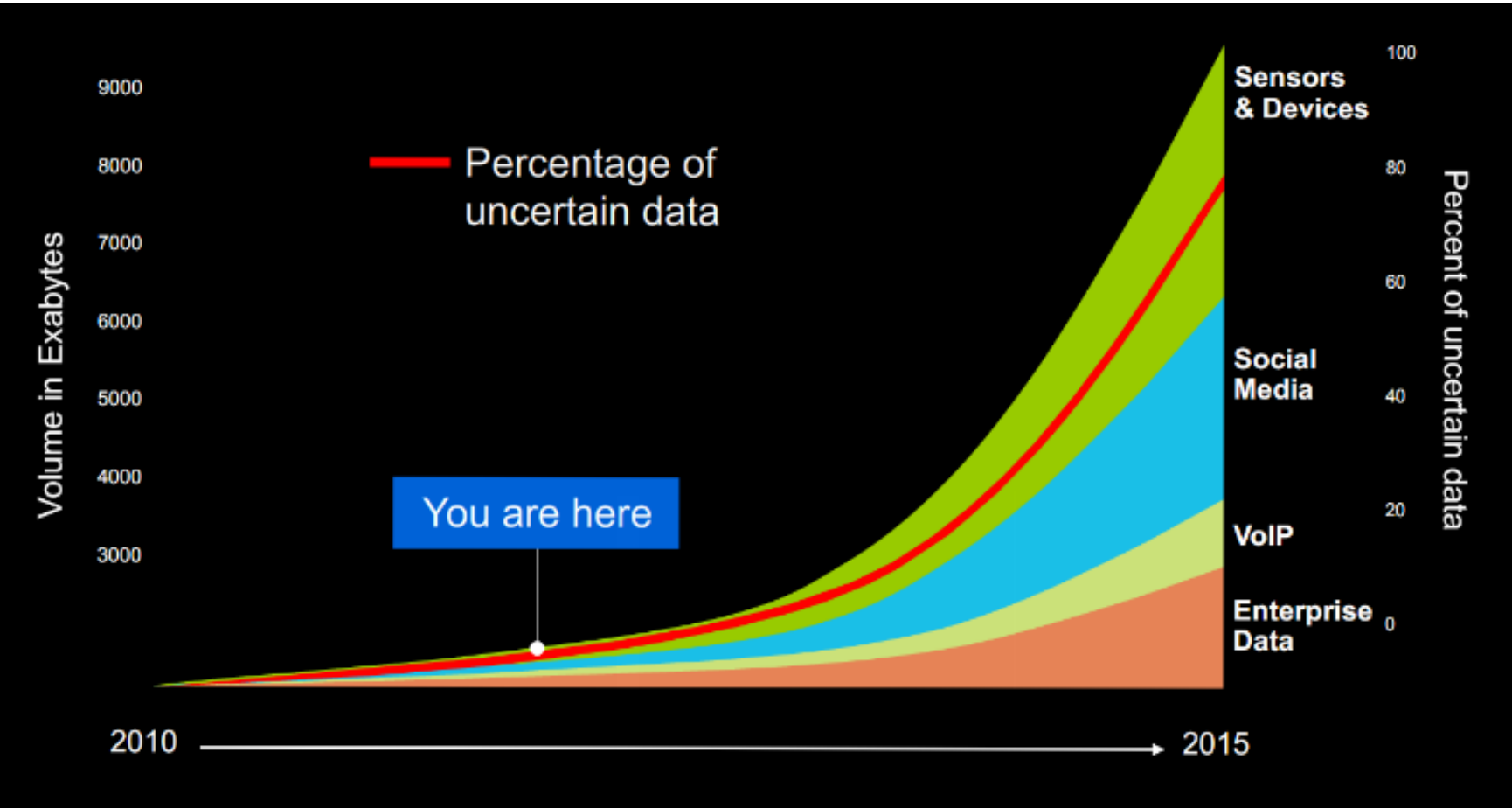


Yago



Foundation

2... 20 GByte } interlink
+ "raw" 70 GByte } < 500GB





Time Magazine
2GB



WIKIPEDIA
The Free Encyclopedia
17GB

The New York Times
7.4GB

IMDb
0.1GB

Microsoft
Encarta
0.3GB


IBM Dictionary
0.01GB

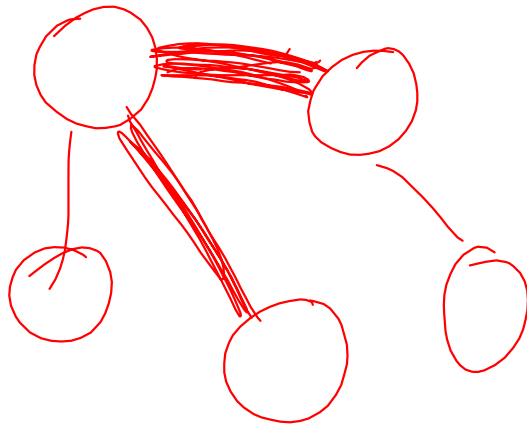

Oxford English Dictionary
0.113GB



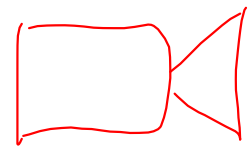
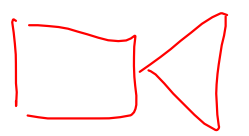
initial projects

Q1.2013

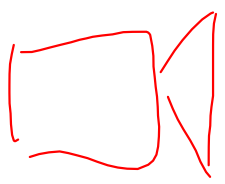
now:



bakteri



⋮



mobile (Subscription)

bandwidth



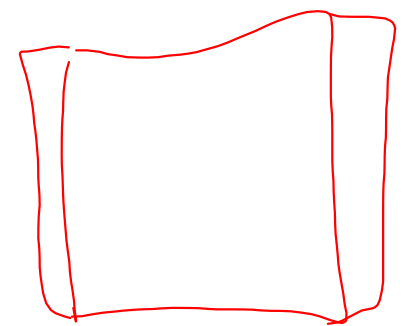
Kjetil

Demand

focus

B400-

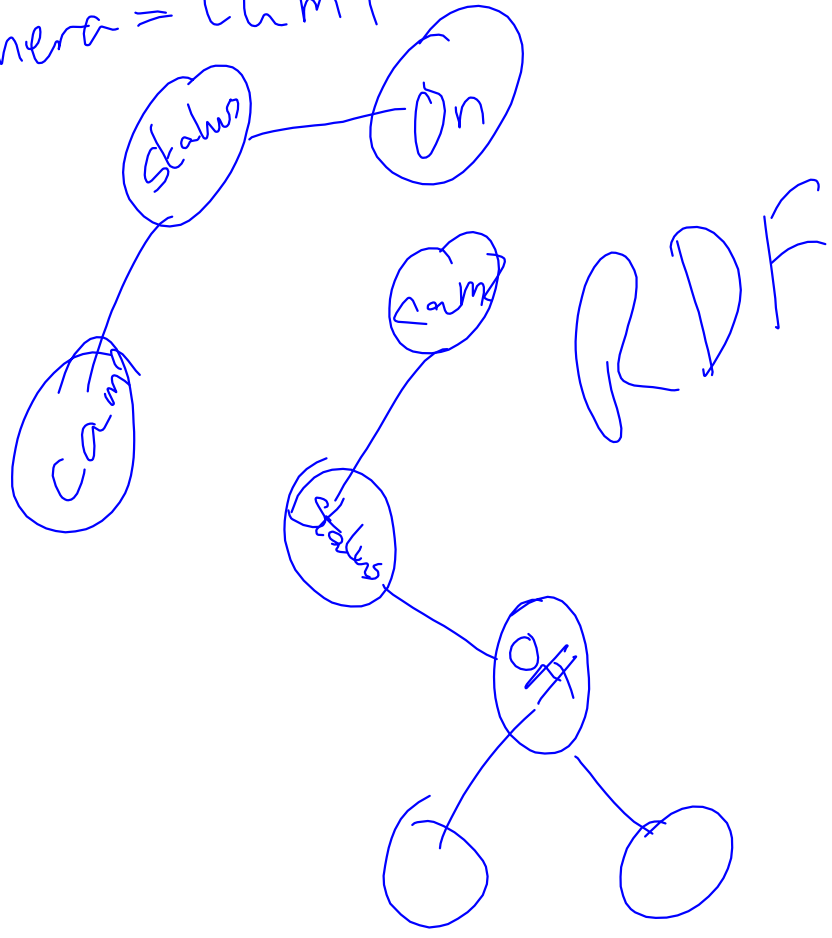
E400



Top 10

vote 50+ ...

? camera = cam?



SPARQL

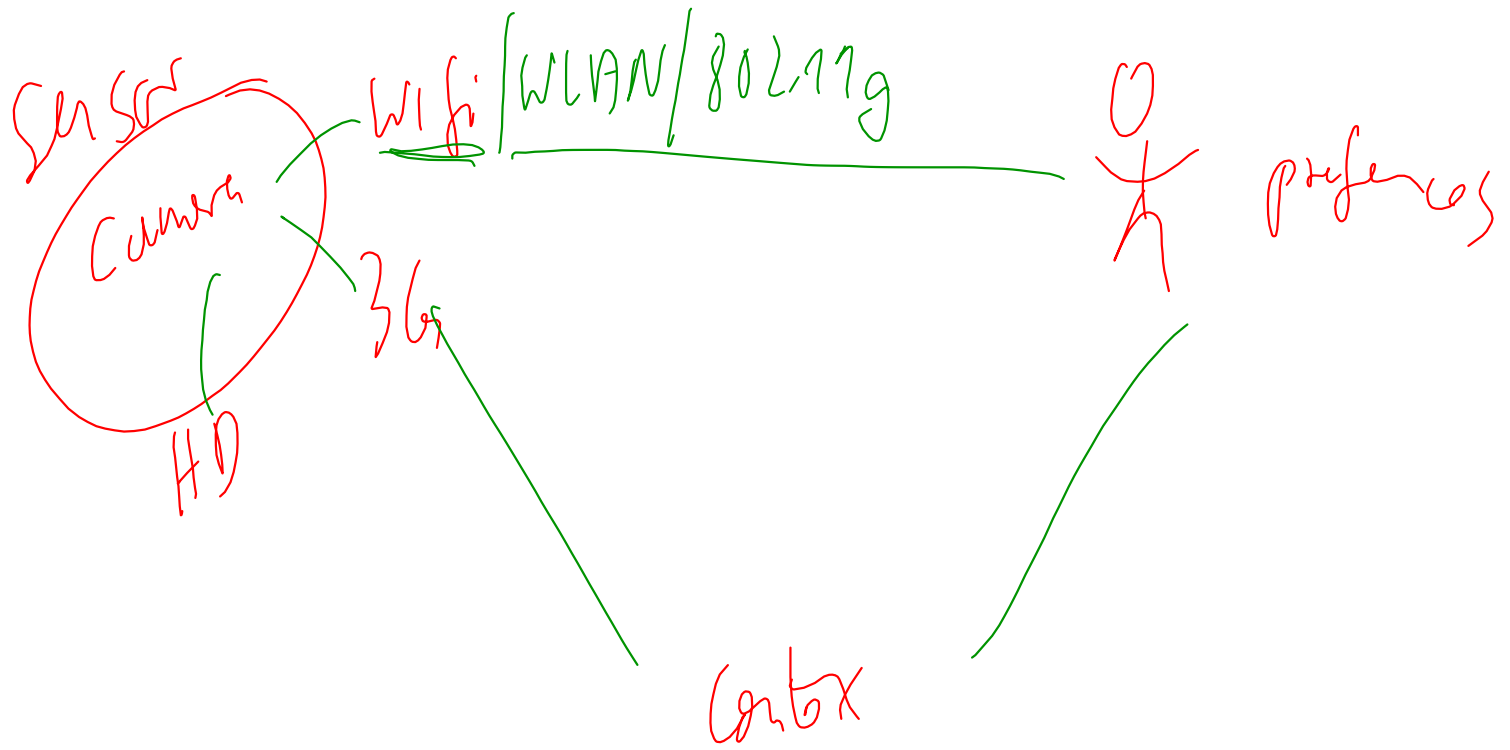
Normal vs

	Para 1	2	3
entry	1	1	1

Semantics

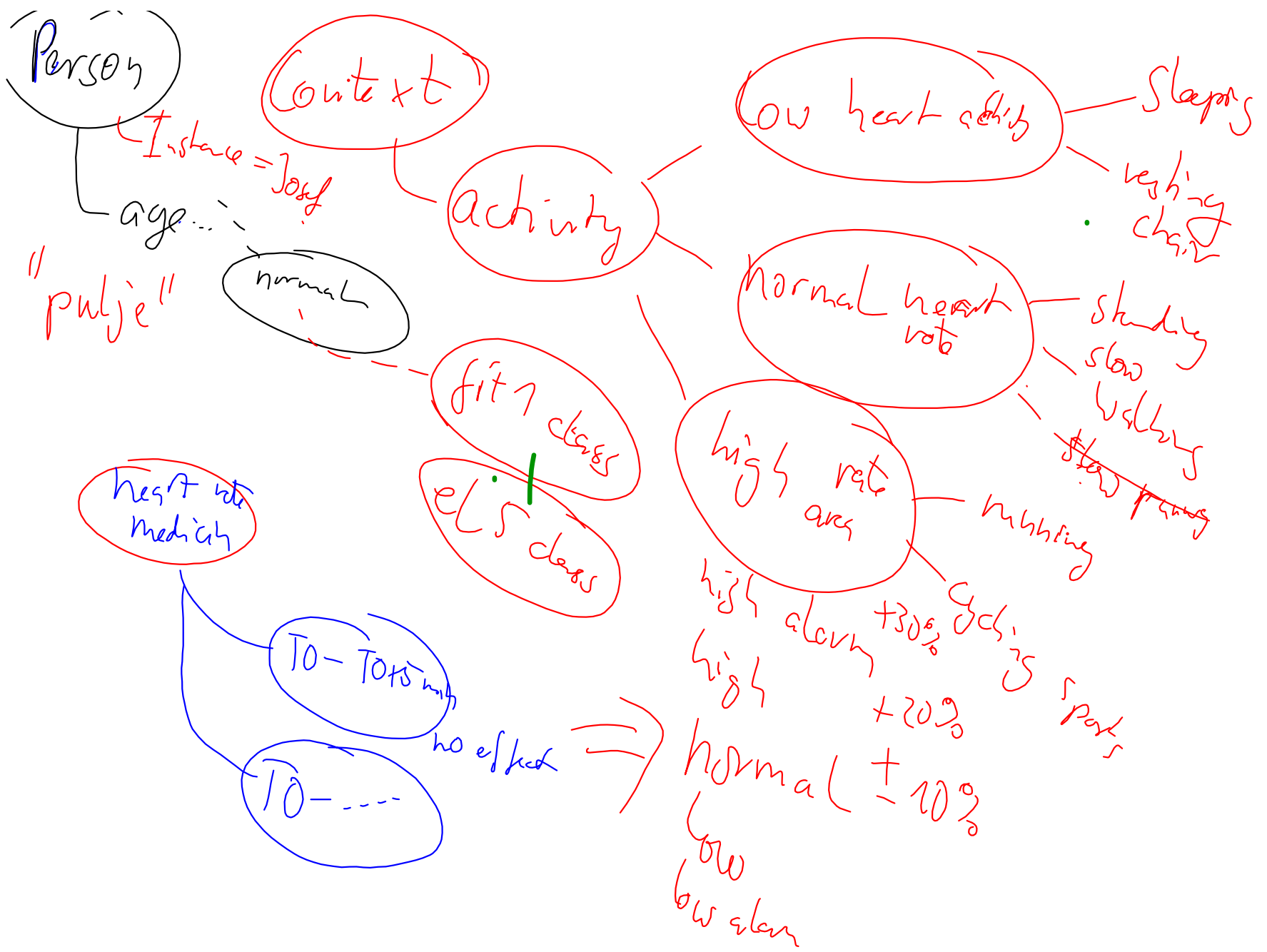
interest | olympic | chess

cydiz | (bunny/may)



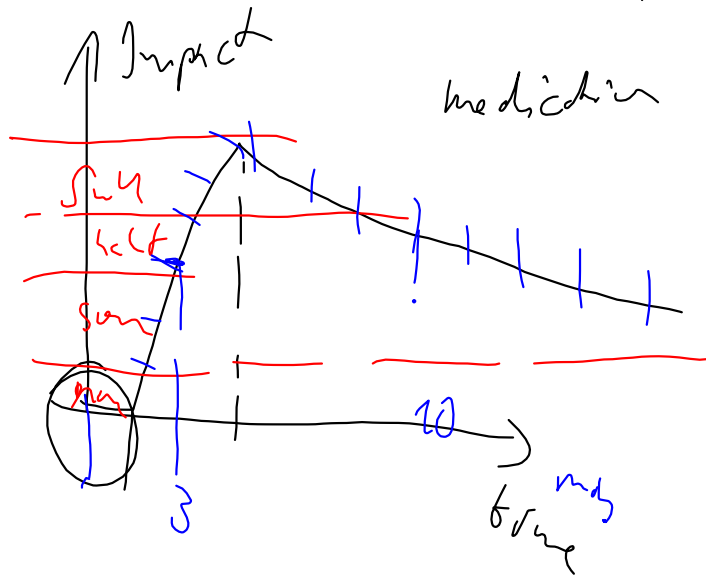
GOALS

- understanding benefits of Semantics
 - └ non-functional parameters
 - └ description
 - └ integration context, preferences ...
- "dirty fingers"
- be able → recommendation



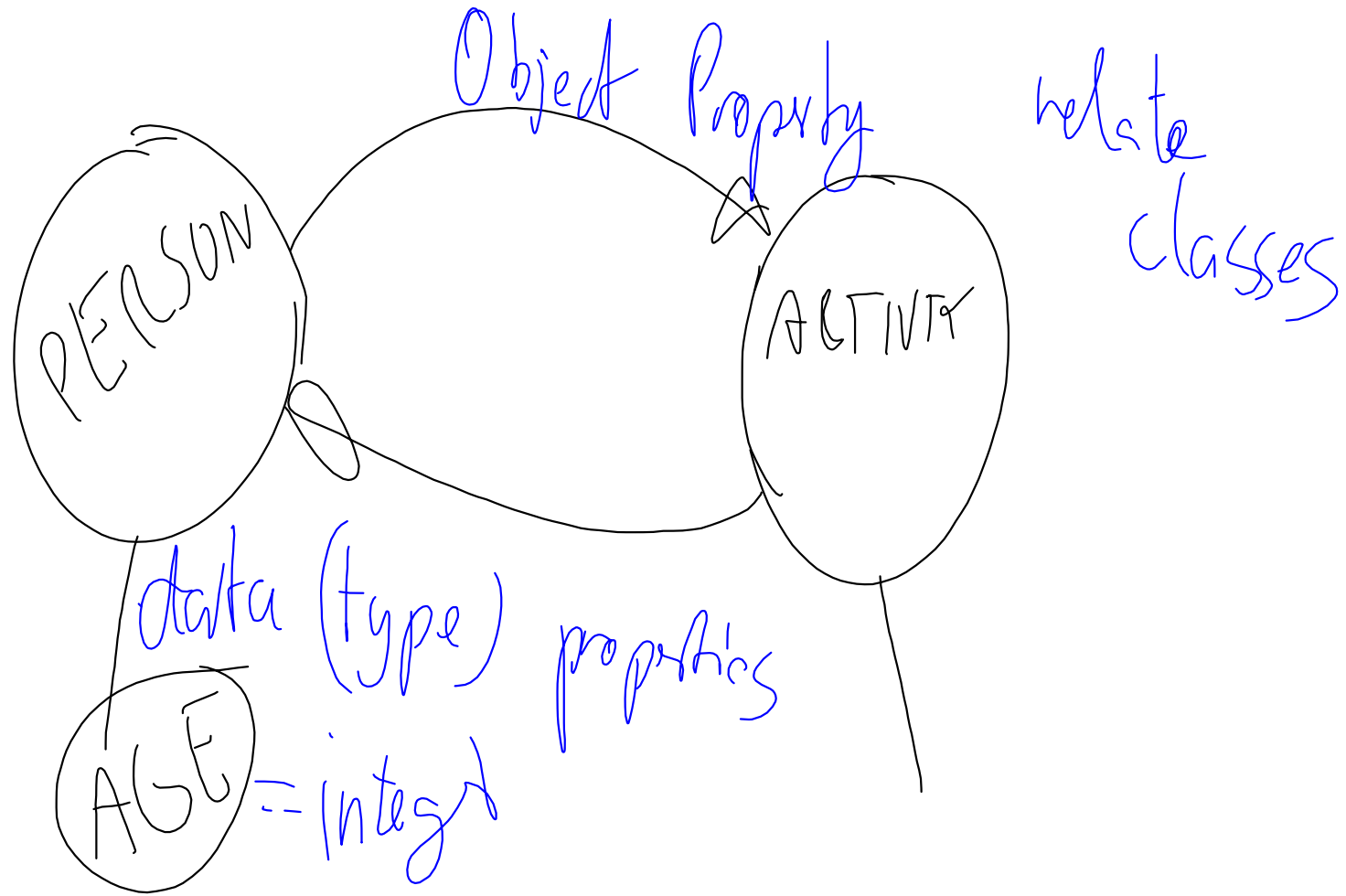
Query list all people with high alarm
 "Knowledge representation"
 low alarm

time series: program

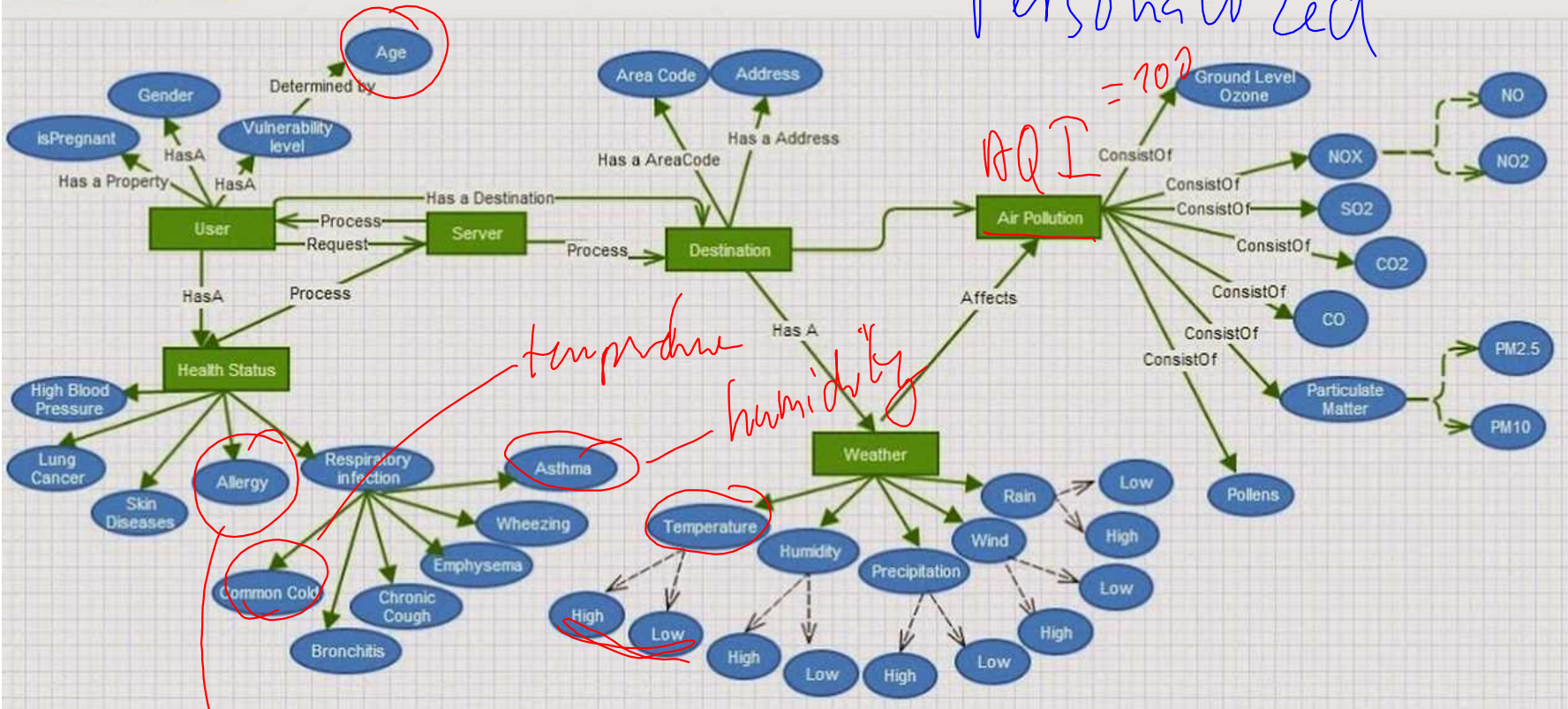


What knowledge
 Δt ? ~ 1 min
 (~ 1 / month ...)

- a) static query
- b1) export program the series
- b2) C-SPARQL ← understand



Personalized



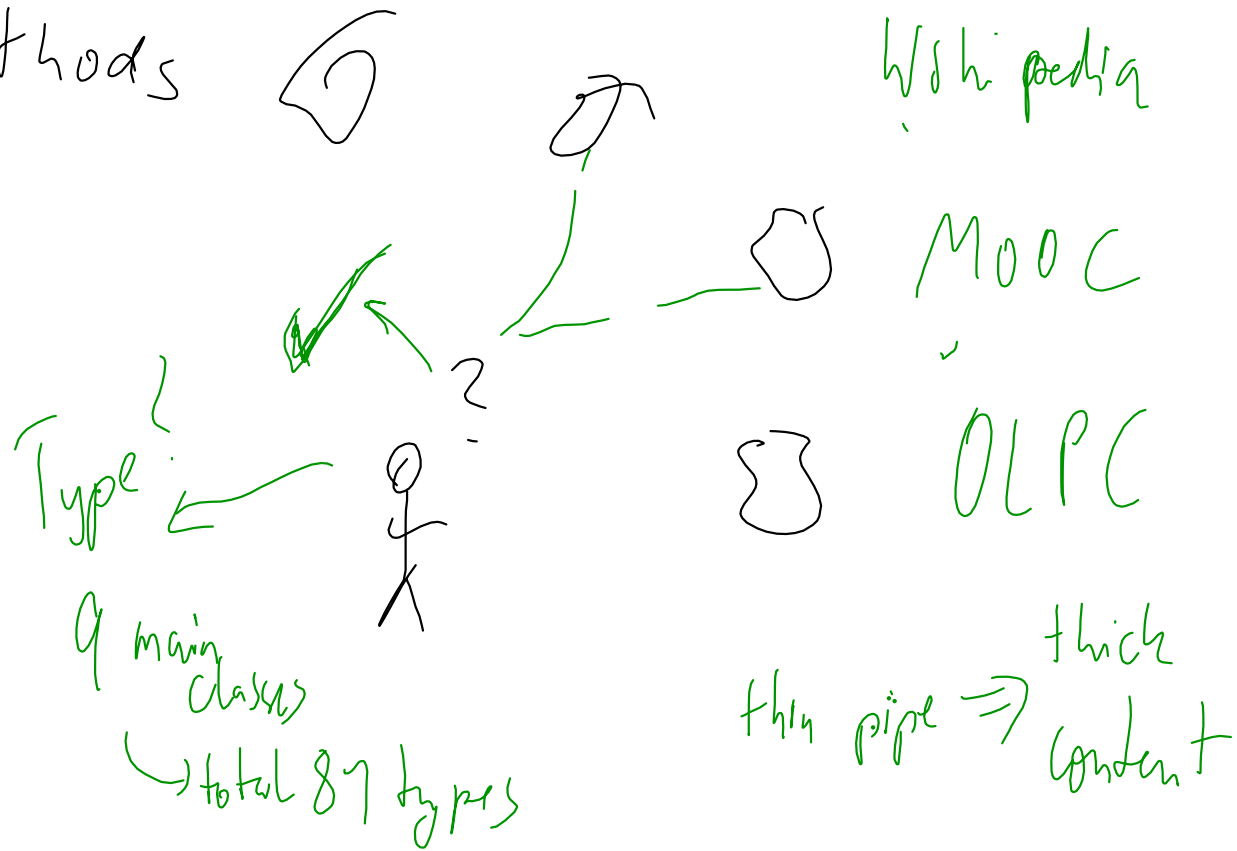
AQI 200 → 156

Learning
- pattern

- methods

individual learning

path



Hattie_Effektiv læring_Terje.pdf - Adobe Acrobat Pro

File Edit View Window Help

Create

8 / 12 109%

Tools Sign Comment

Click on Tools, Sign, and Comment to access additional features.

Noen faktorer som virker positivt

- Elevens innsikt i egen læring
- Elevens evner
- Undervisning basert på Piagets prinsipper
- Tydelig lærer – læreren som tydelig leder
- Dialog og klargjøring
- Lærer-elev relasjon
- Elevens motivasjon
- Kontroll i klasserommet

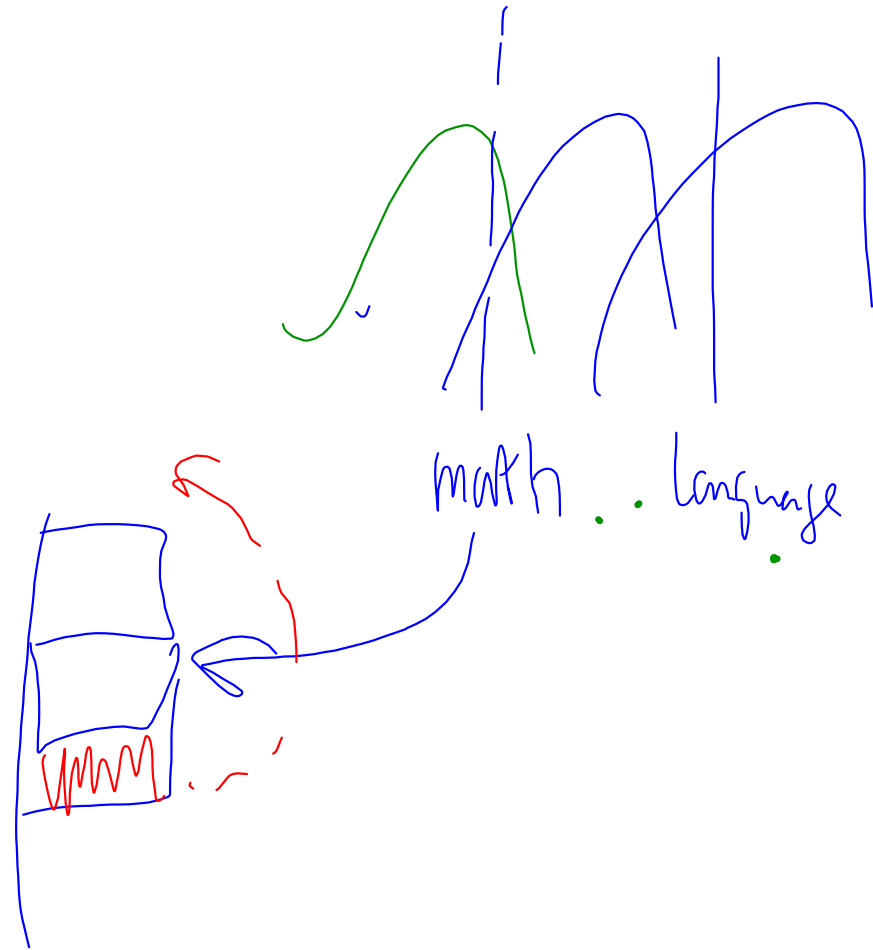
- Feedback og refleksjon hos lærer
- Lærere som tar bedre avgjørelser i ulike situasjoner
- Evne til å improvisere
- Visible teaching er vel så viktig som visible learning

8

How do we learn?

We all learn differentl

Resources



MOOC

- video
- text
- pictures

Wikipedia

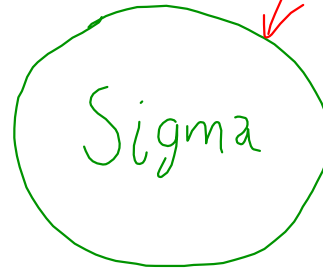
Graphs

Video

Person

exercise (physical)

Classification

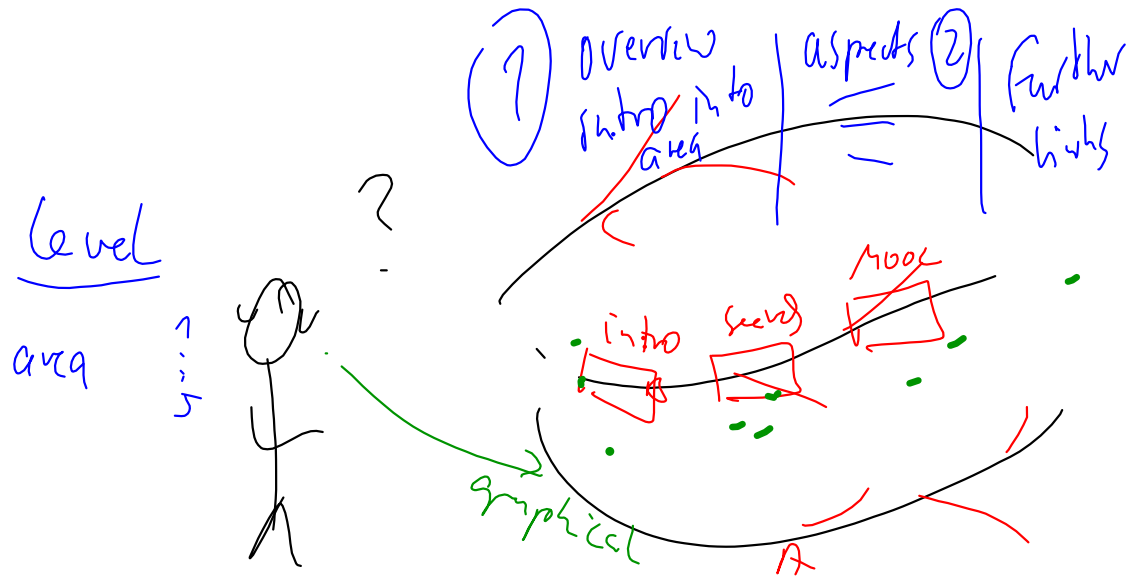


Great res.
for Lectures
and courses
in video-reading.

- Current level

- context
↳ bus
↳ classroom
↳

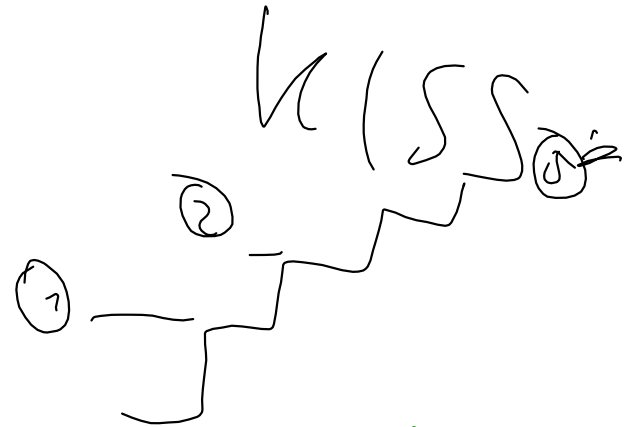
- content
- links
- web
- people



Understanding of a topic

- Recommendation
- "new"

new



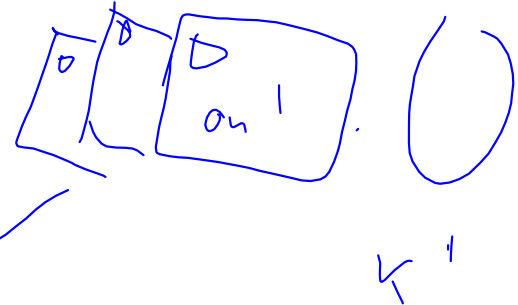
Example: build ontology

① what ② Overview Prot 3.5 web... 4.x ③ Exports

Recommender

Person # Else Wikipedia

how to
capture new
stuff



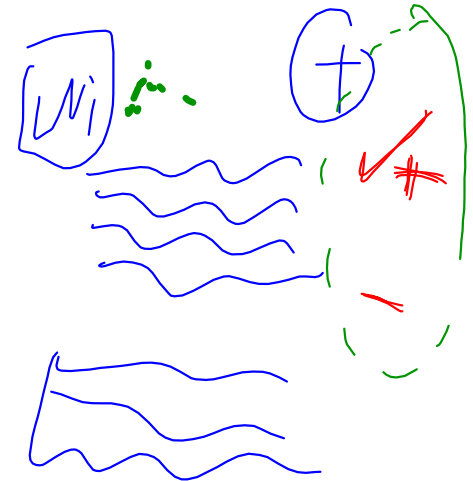
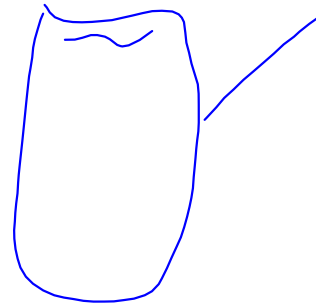
what is an ontology?

level

learning style?

Focus = Master / Bachelor

Example UML 4.7.20



Bob

^{inp}
@ work
^{inp}
preferences
exotic

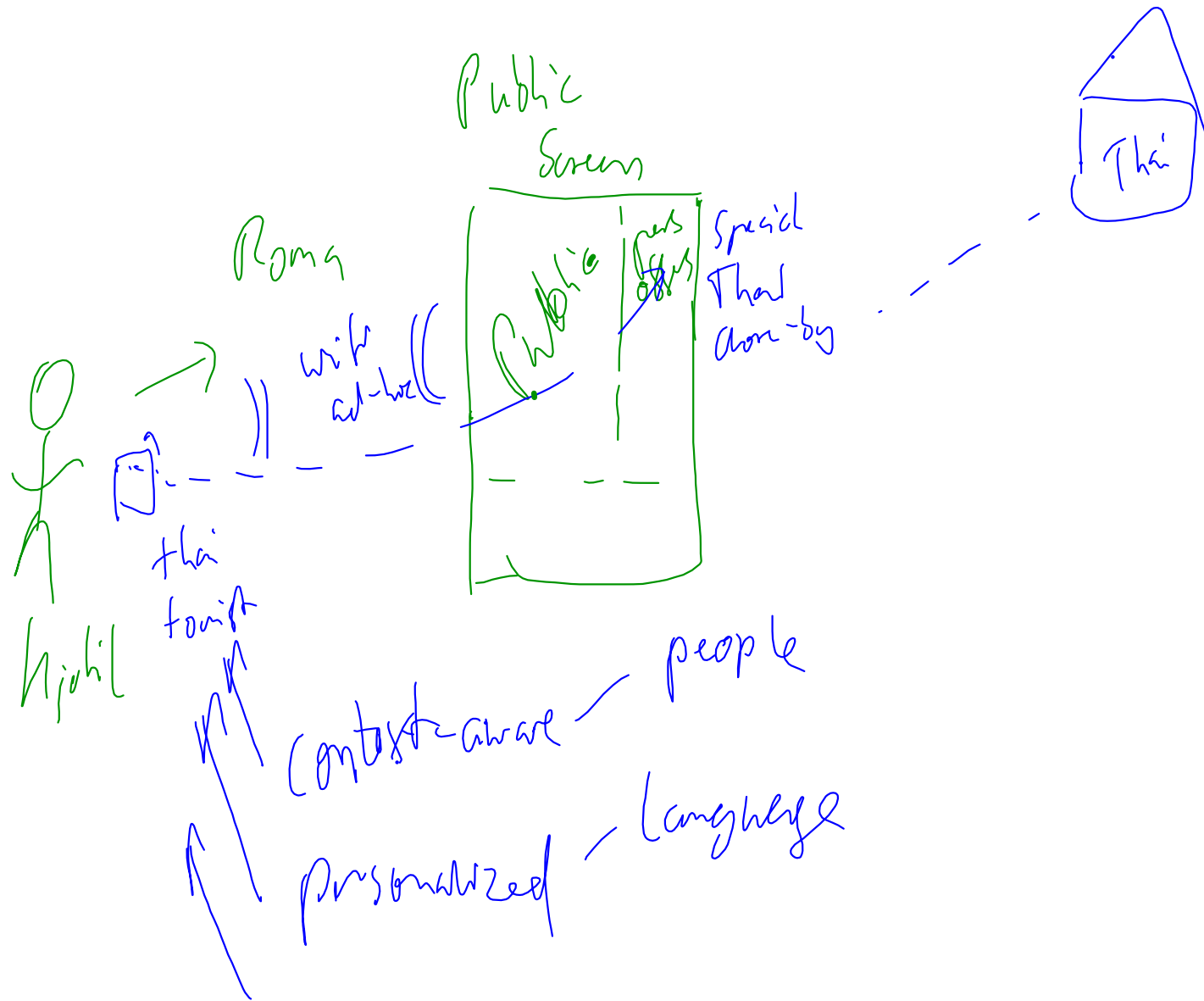
^{inp}
hungry
^{inp}
Spending
amount
200 hr

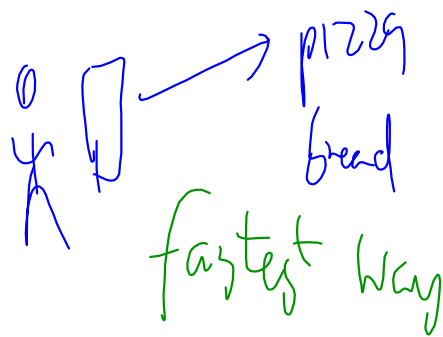
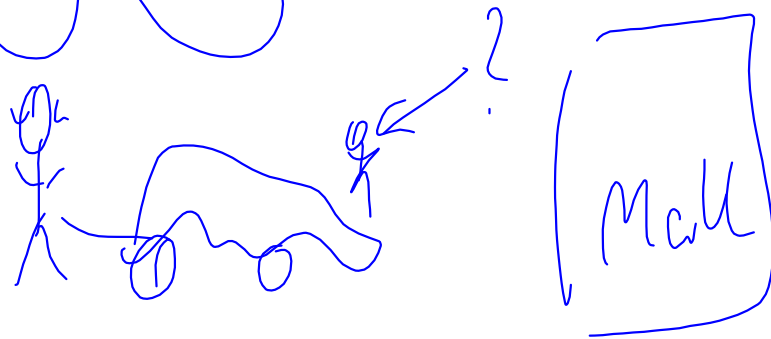
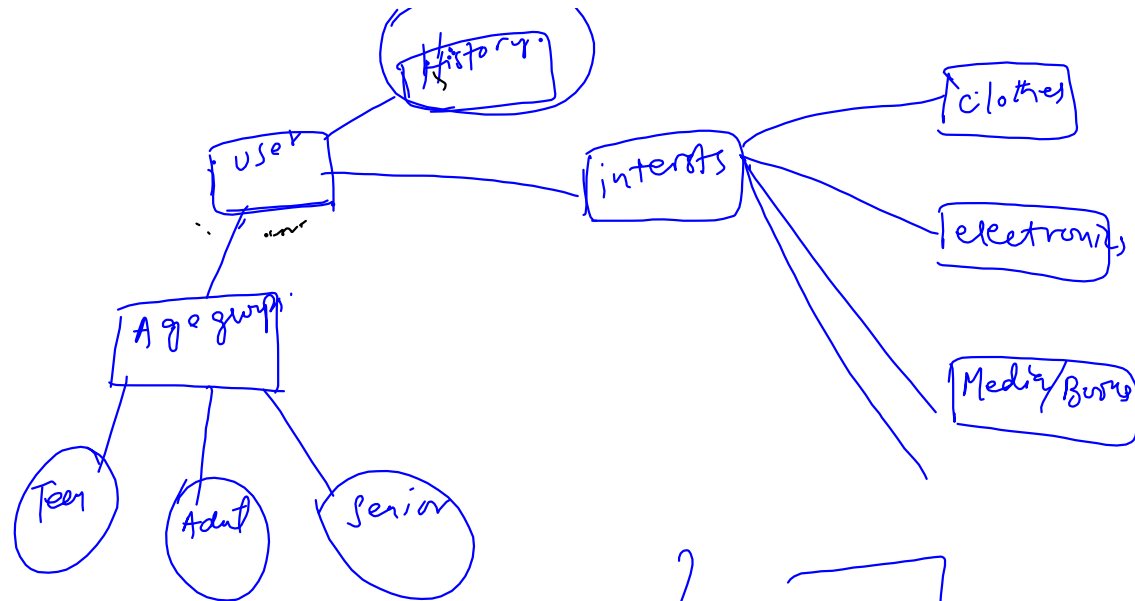
^{output}
Suggest → Thai food
- restaurant address
price tag
- special offer

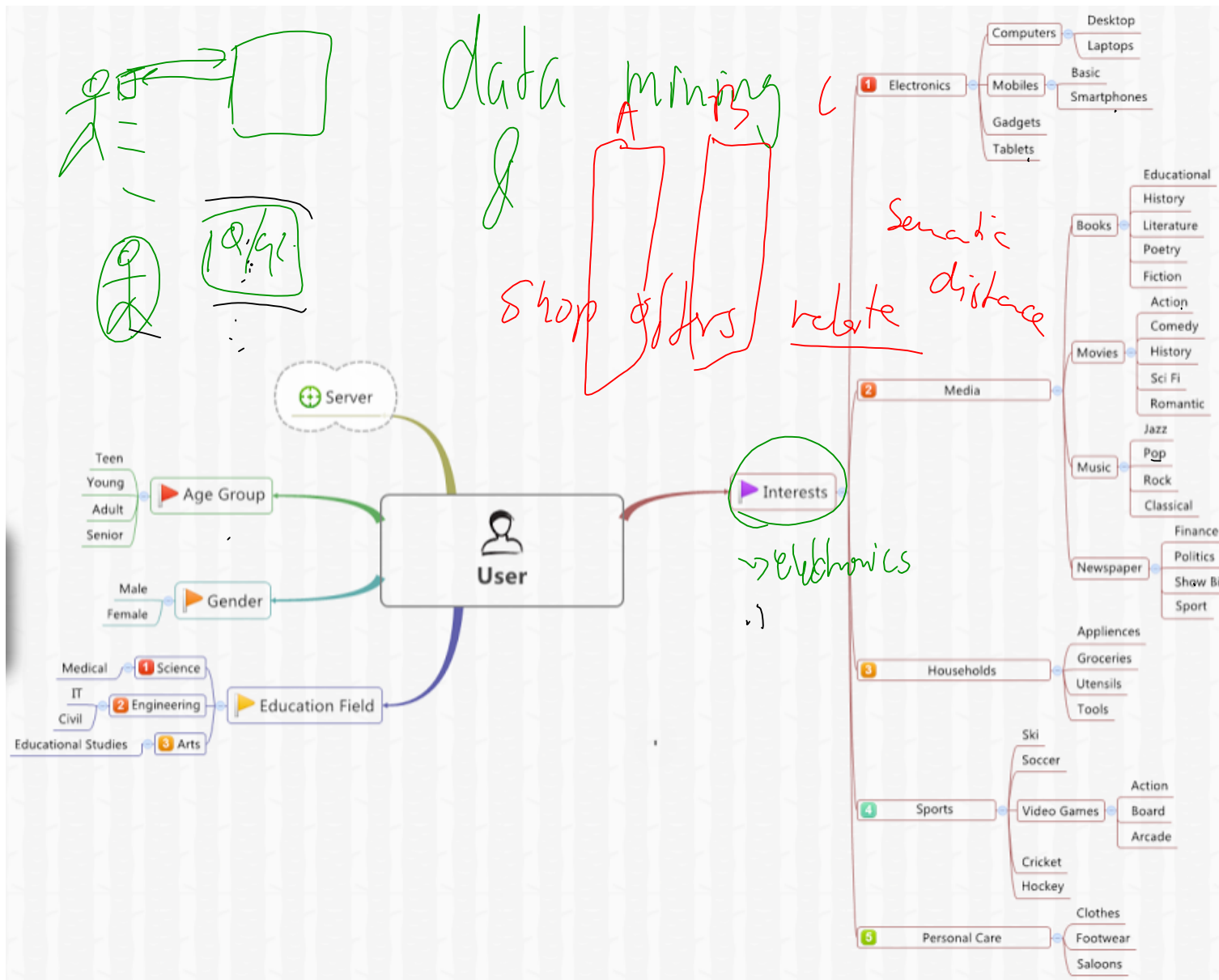
Alice

Else

Robot








Bob adult ^{airport (time)} lowest offers in Snapchat

Elise teen fancy clothes (cheap)

□ Frank bored (joining wife)

Ajetil guidance for diapers ^{Optimum} shopping list

 shopping list → recommend
slow food ← recipe

Family standards — skummet nett

yoghurt — Pappas
child

Go more vanilla/vanilla
/vanilla

→
~~stupid~~ enhance stupid shopping list
privacy

← shop off
← shop logic

1) Ontology ✓

next steps

2) "rules" /

query

in Protégé 4.3

Simple

implementation

3)

~~apply~~ "real query"

rules → SWRL
query → SPARQL
Protégé 3.4

next steps: query your semantic information

[SPARQL VS **SQWRL** which is more relevant to my problem ...](#)

[answers.semanticweb.com/.../sparql-vs-sqwrl-which-is-more-relevant-to-my-problem](#)

12 Aug 2011 ... If **SQWRL** is more relevant for my situation, Can I use jena and **SQWRL** together, ... yes of corse, <http://protege.cim3.net/cgi-bin/wiki.pl?SQWRL>.

Query "type"

Rule-based

[ProtegeWiki: SQWRLQuery Tab](#)

protege.cim3.net/cgi-bin/wiki.pl?SQWRLQueryTab

2 Sep 2013 ... Users wishing to work with the results of **SQWRL** queries at the API level can use ... **Protege** must be restarted for this assignment to take effect.

example for intelligent analysis of "status of knowledge". This is what Josef wants to see :-)

Write down at least 3 components in

~~the~~ Web ontology layer?

(database, owl, ...) (properties, data properties, ...)

(classes, ...) / (instances, ...) (Rules, rules, ...)

→ focus on classes, rules, ...

use Google forms (in iFrame?)