

**Decentralisation, Distribution,
Disintegration - towards Linked Data
as a First Class Citizen in Libraryland**

Martin Malmsten - National Library of Sweden, Libris dept.



Martin Malmsten

@geckomarma

I'm digging through
METS,MODS,PREMIS,MIX and ALTO data
using XSLT to create Turtle to create JSON-
LD. Fun! And also TOTAL MADNESS!!! :)

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LD. Fun! And also TOTAL MADNESS!!! :)

“Always design a thing by considering it in its next larger context - a chair in a room, a room in a house, a house in an environment, an environment in a city plan.”

- Eliel Saarinen

“Linked Data or die!”

- Libris dev team

Demo

gibson steampunk



Monografisk resurs Miniminivå (jfr KRS 1.0D1)

LIBRIS JSON-LD MARC

TITEL OCH UPPHOV

HUVUDTITEL

The difference engine

ÖVRIG TITELINFORMATION

Övrig titelinformation

SPRÅK

Engelska (eng)

UPPHOV

William Gibson & Bruce Sterling

HUVUDUPPSLAG

FÖRNAMN	SLÄKTNAMN	FÖDD	DÖD	Upphov	
William	Gibson	1948	AAAA	(creator)	✓

BIUPPSLAG

Bruce Sterling, 1954-

Bluppslag

UTGIVNING OCH TILLVERKNING

ISBN

0-575-04762-3

UPPLAGA

Upplaga

UTGIVARE/FÖRLAG

Gollancz

UTGIVNINGSPLATS

London

UTGIVNINGÅR

1990

gibson steampunk



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William G

HUVUDUPPSLAG

FÖRNAMN

William

BIUPPSLAG

Bruce Sterl

FÖRNAMN

August

strind

AAAA

AAAA

Biuppslag

Strindberg, Zacharias, 1758-1829

Strindberg, Johanna Magdalena Elisabeth, 1797-1880

Strindberg, Carl Oscar, 1811-1883

Strindberg, August, 1849-1912

Strindberg, Nils, 1872-1897

Strindberg, Gustaf, 1880-1953

Strindberg, Johan, 1881-1928

Strindberg, Tore, 1882-1968

Strindberg, Henrik, 1886-

Strindberg, Kerstin, 1894-1956

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JSON-LD

Den underliggande datastrukturen representerad som ett träd av entiteter, på formatet [JSON-LD](#). Här visas all data som är lyft ur MARC-posten, samt de delar som ännu inte mappats (då placerade i fältet "unknown").

Denna struktur är under utveckling. Kom gärna med synpunkter om något saknas eller ser feltolkat ut.

LIBRIS **JSON-LD** MARC

@id </bib/5059476>
@type **Record**
about

@id </resource/bib/5059476>
@type **Book**
extent 383 s.
identifier

0

@type **Identifier**
identifierScheme ISBN
identifierValue 0-575-04762-3

instanceOf



instanceOf

@type **Book**

contributorList

0

@id </resource/auth/307779>

@type **Person**

birthYear 1954

controlledLabel Sterling, Bruce, 1954-

familyName Sterling

givenName Bruce

creator

@id </resource/auth/220040>

@type **Person**

birthYear 1948

controlledLabel Gibson, William, 1948-

familyName Gibson

givenName William

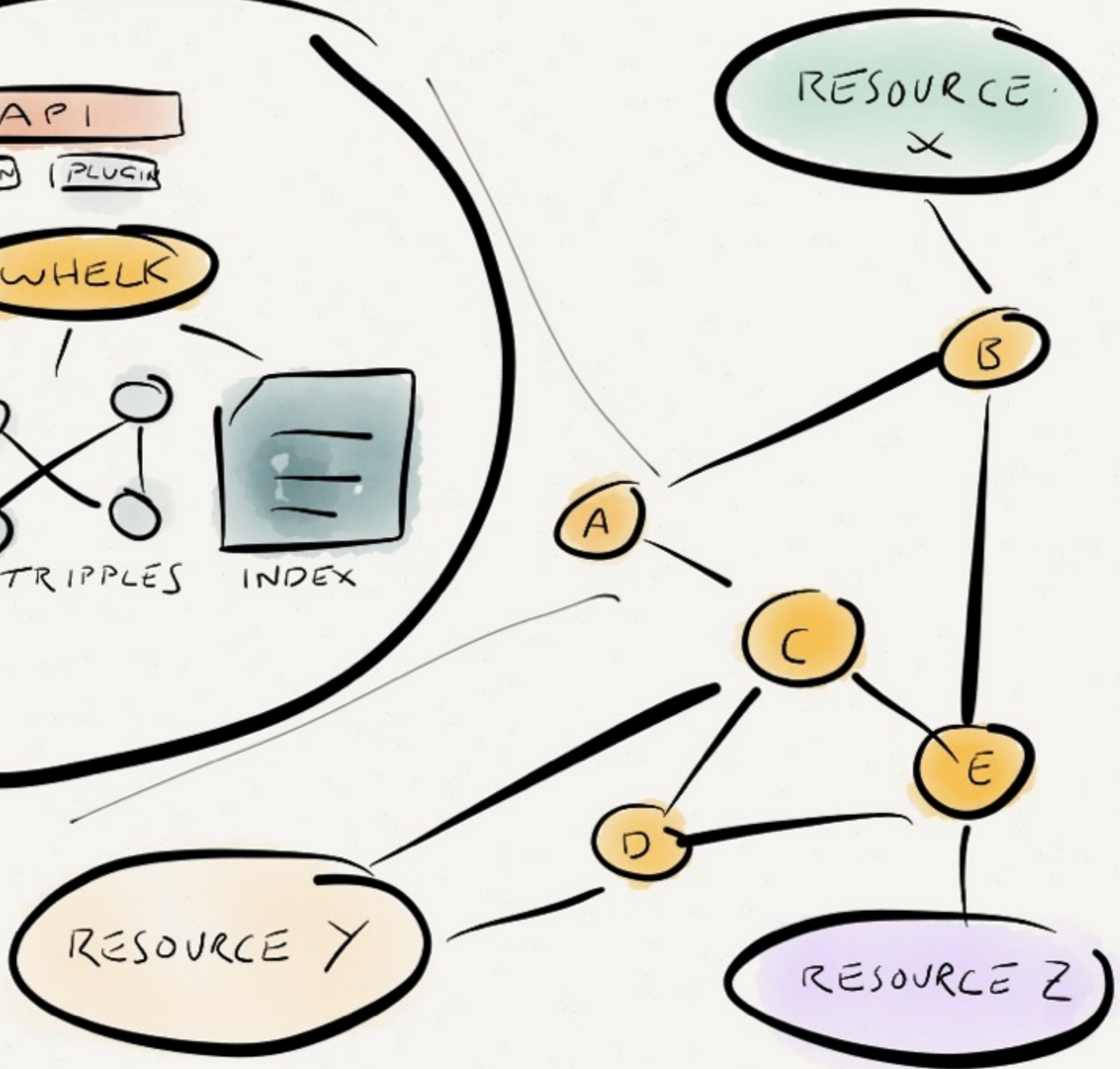
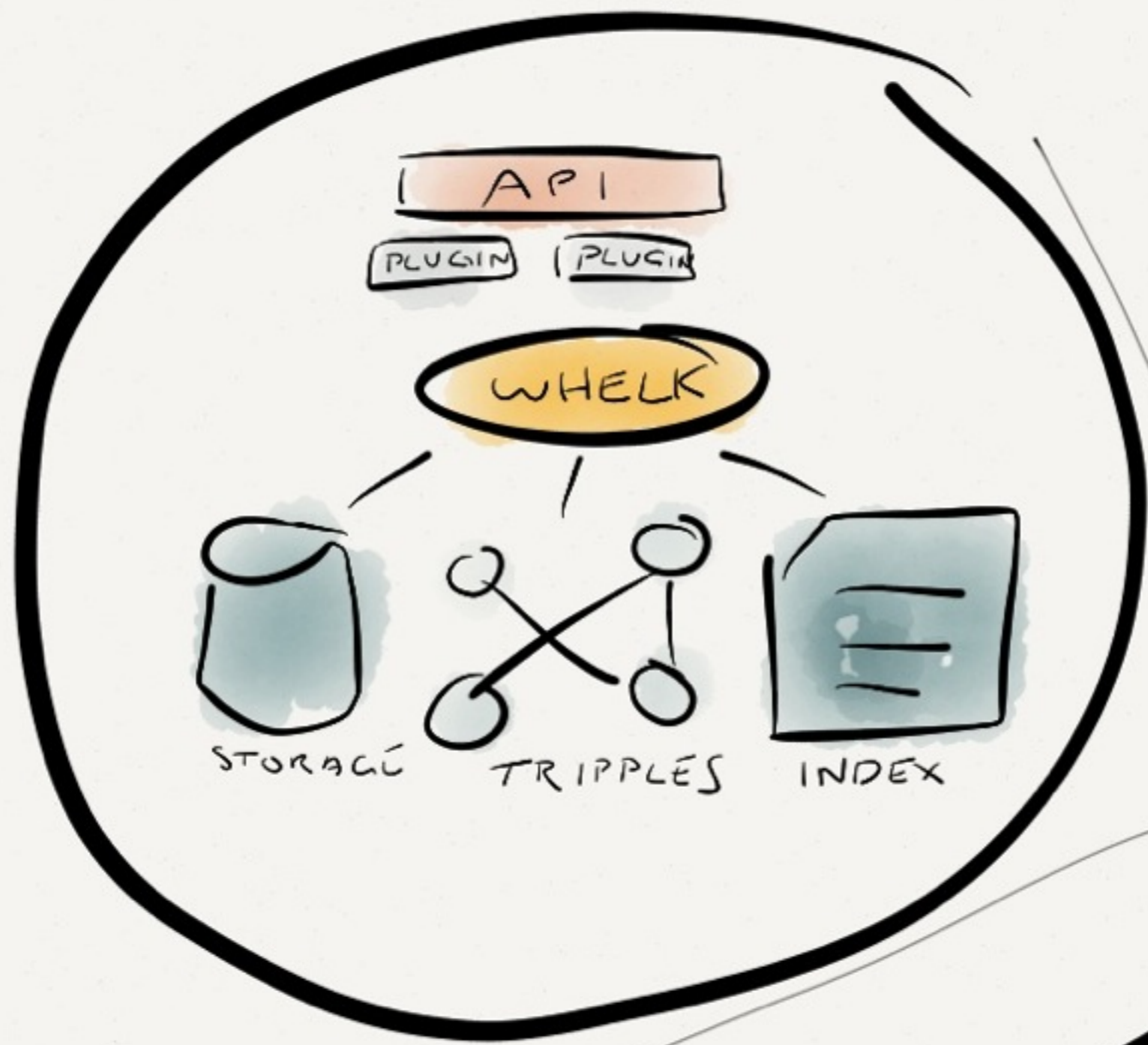
language

@id </def/languages/eng>

langCode eng

prefLabel Engelska

subject



libris/librisxl · GitHub

GitHub, Inc. [US] <https://github.com/libris/librisxl>

This repository Search or type a command

Explore Gist Blog Help marma

PUBLIC **libris / librisxl** forked from [marma/librisxl](#)

Pull Request Unwatch Star 4 Fork 1

Code Network Pull Requests 0 Issues 0 Wiki Graphs Settings

Libris XL — [Read more](#)

Clone in Mac ZIP HTTP SSH Git Read-Only <https://github.com/libris/librisxl.git> Read+Write access

branch: master Files Commits Branches 5 Tags 3

librisxl / [+](#) 1000+ commits

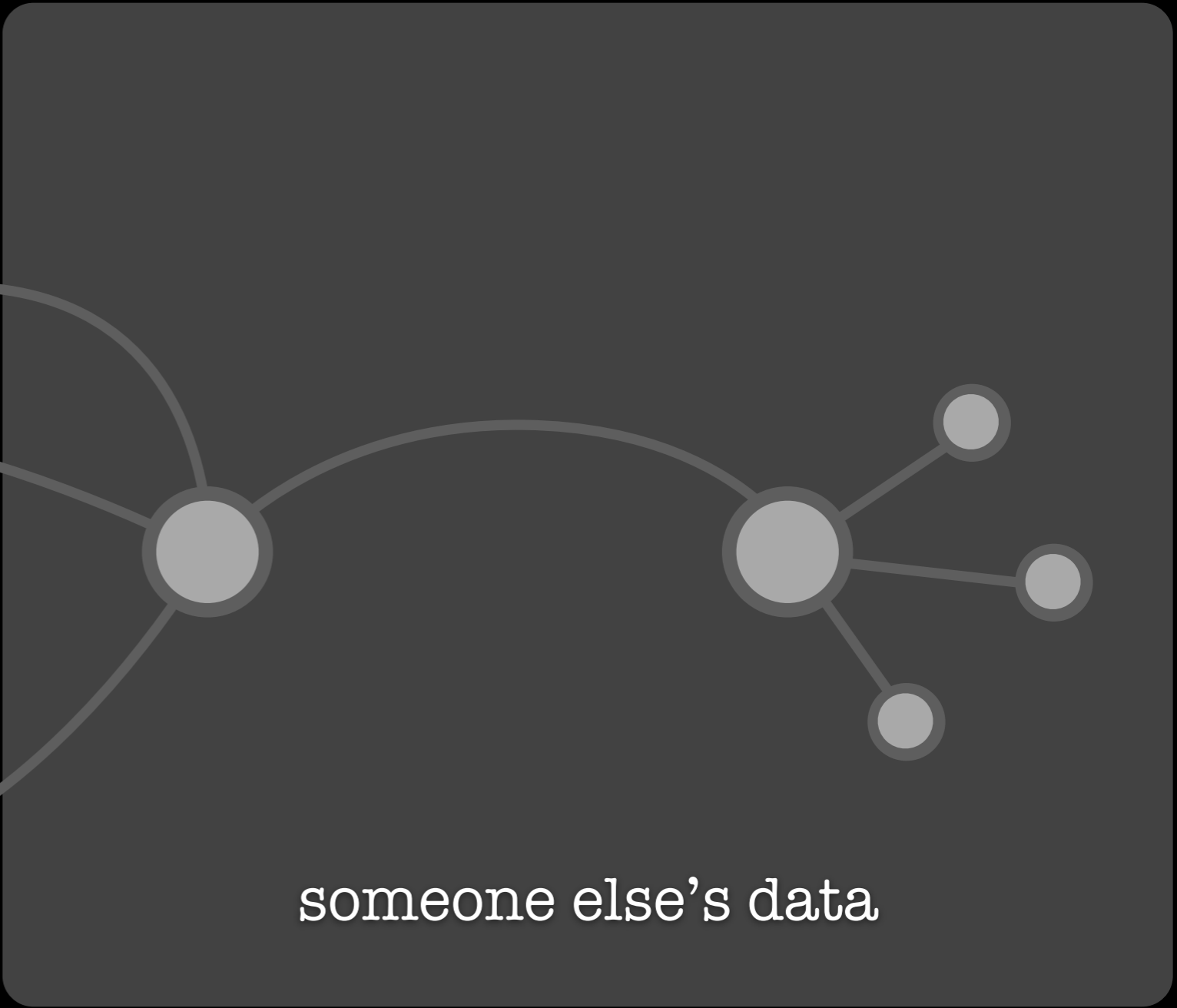
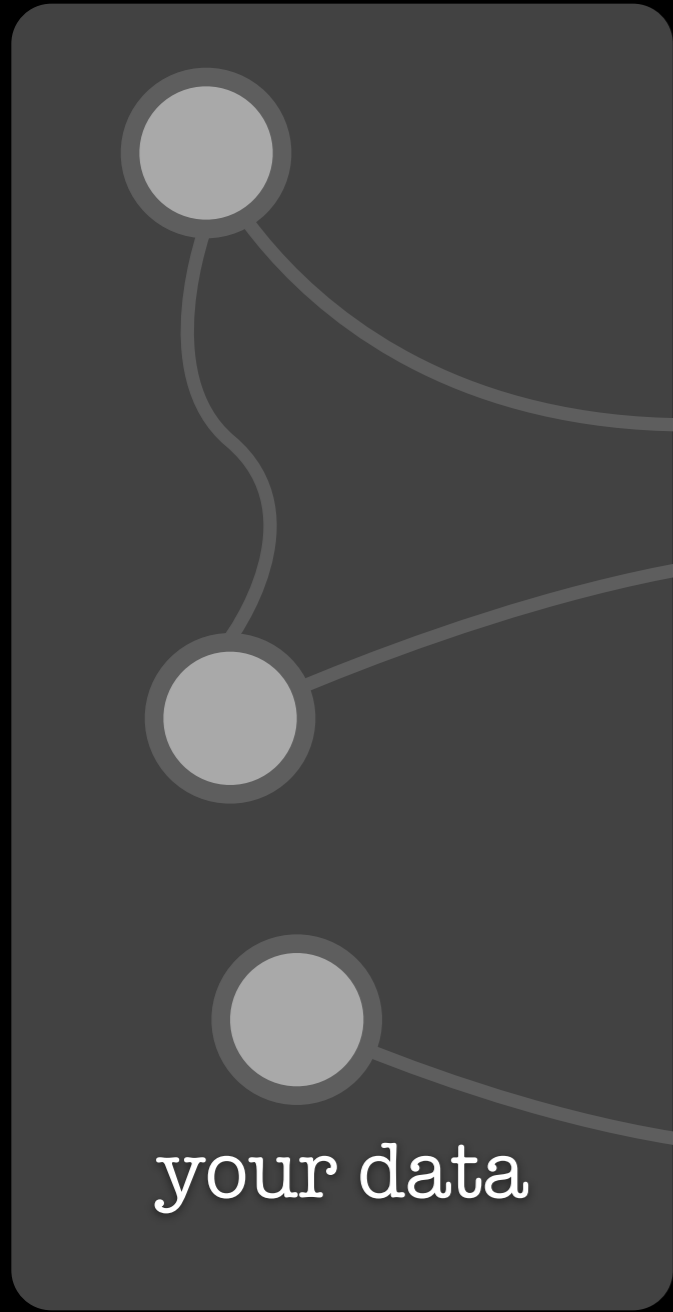
Made autosuggest more generic and added mock_whelks mappings to define ...

mskold authored 9 hours ago latest commit 9520c69d17

datatools	17 days ago	Created utility script for dumping with webapp classes as source. [mskold]
etc	9 hours ago	Made autosuggest more generic and added mock_whelks mappings to define [mskold]
lib	7 days ago	Implemented presentationformatter for ISBN [mskold]
whelk-core	3 days ago	Added validation to formatter, naming it isxntool and moving it to [mskold]
whelk-extensions	7 days ago	Implemented presentationformatter for ISBN [mskold]
whelk-webapi	9 hours ago	Made autosuggest more generic and added mock_whelks mappings to define [mskold]
README.md	20 days ago	updated README [katste]

<https://github.com/libris/librisxl/>





gibson steampunk



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LIBRIS

JSON-LD

MARC

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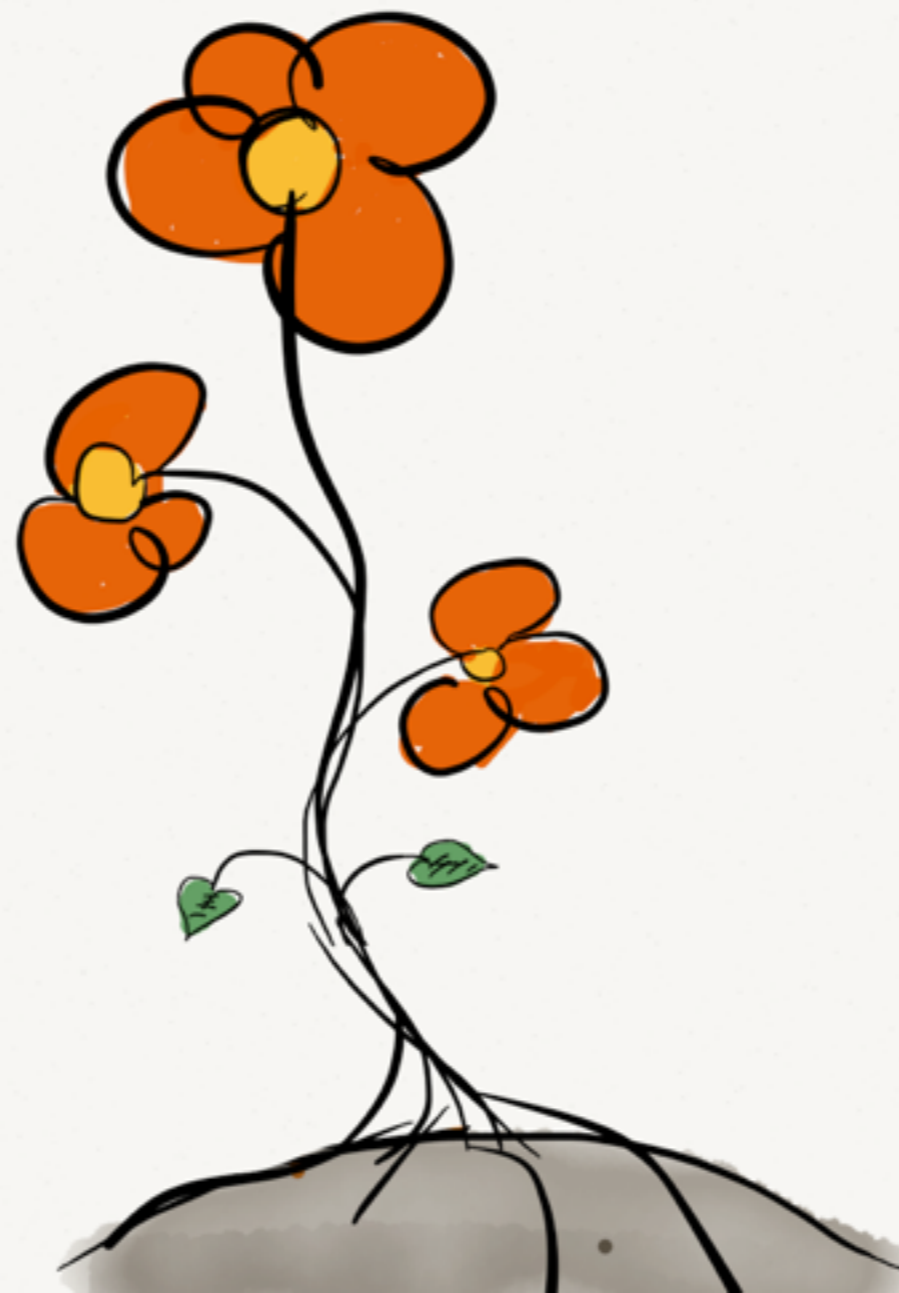
Gollancz

UTGIVNINGSPLATS

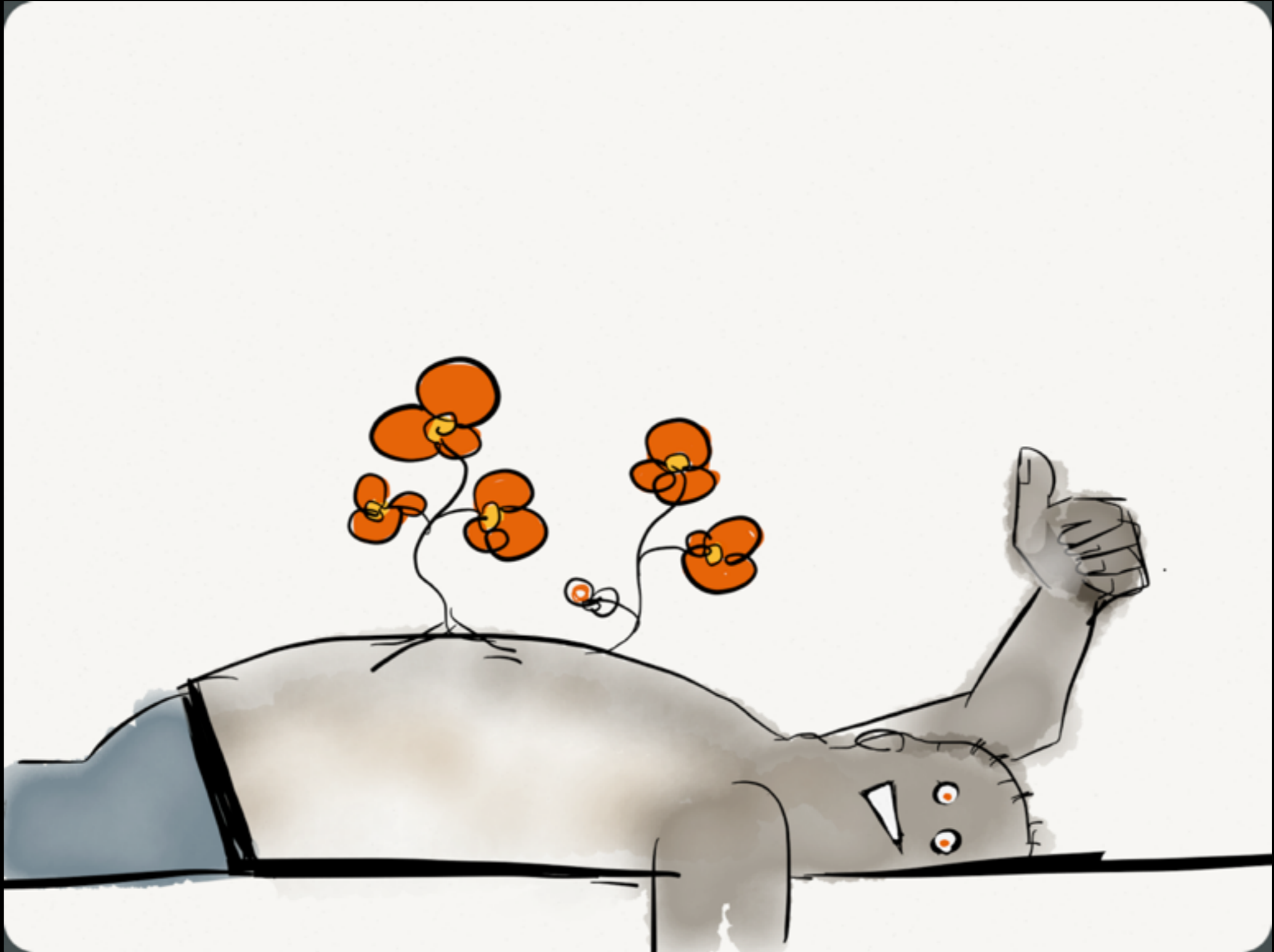
London

UTGIVNINGÅR

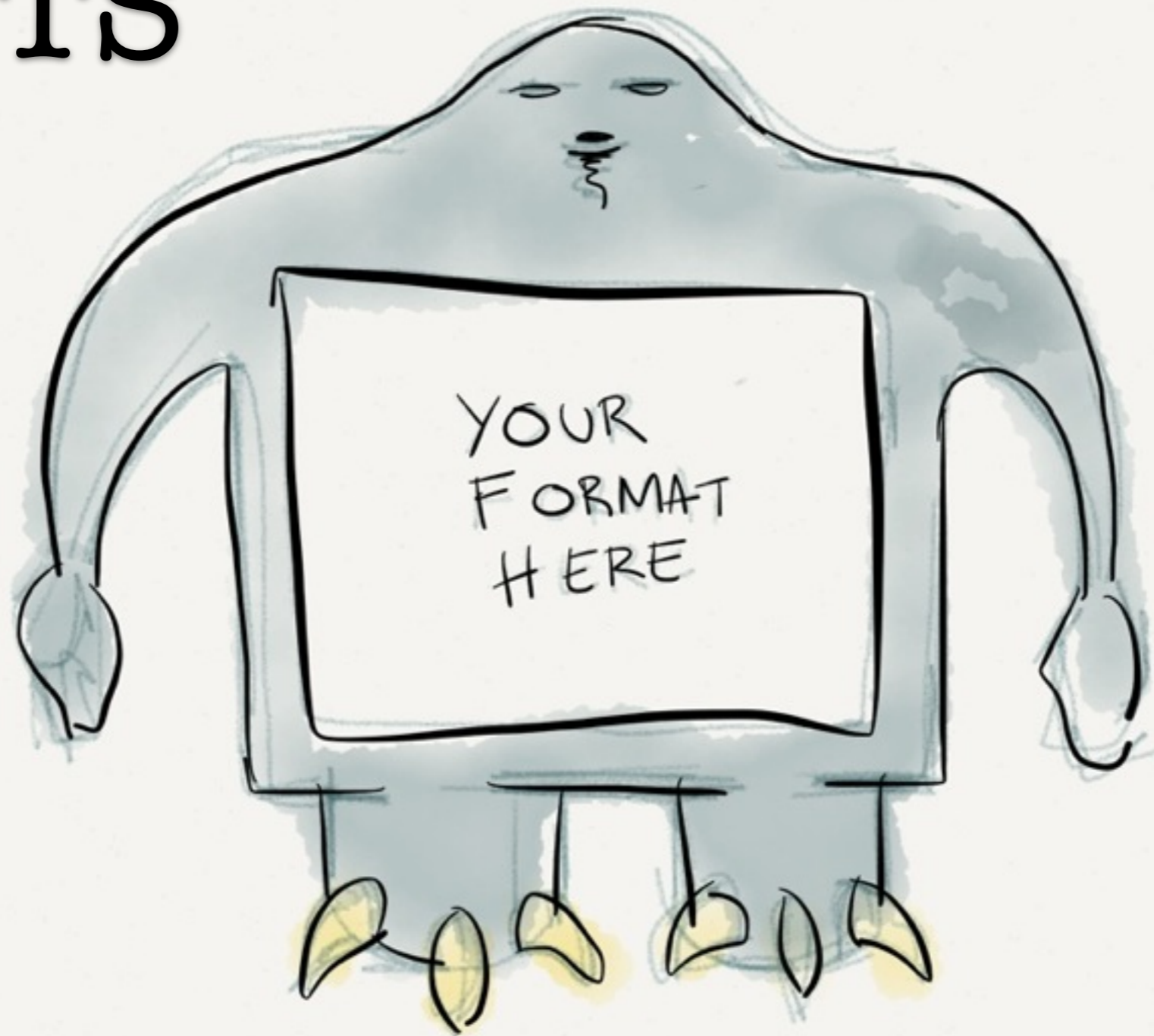
1990



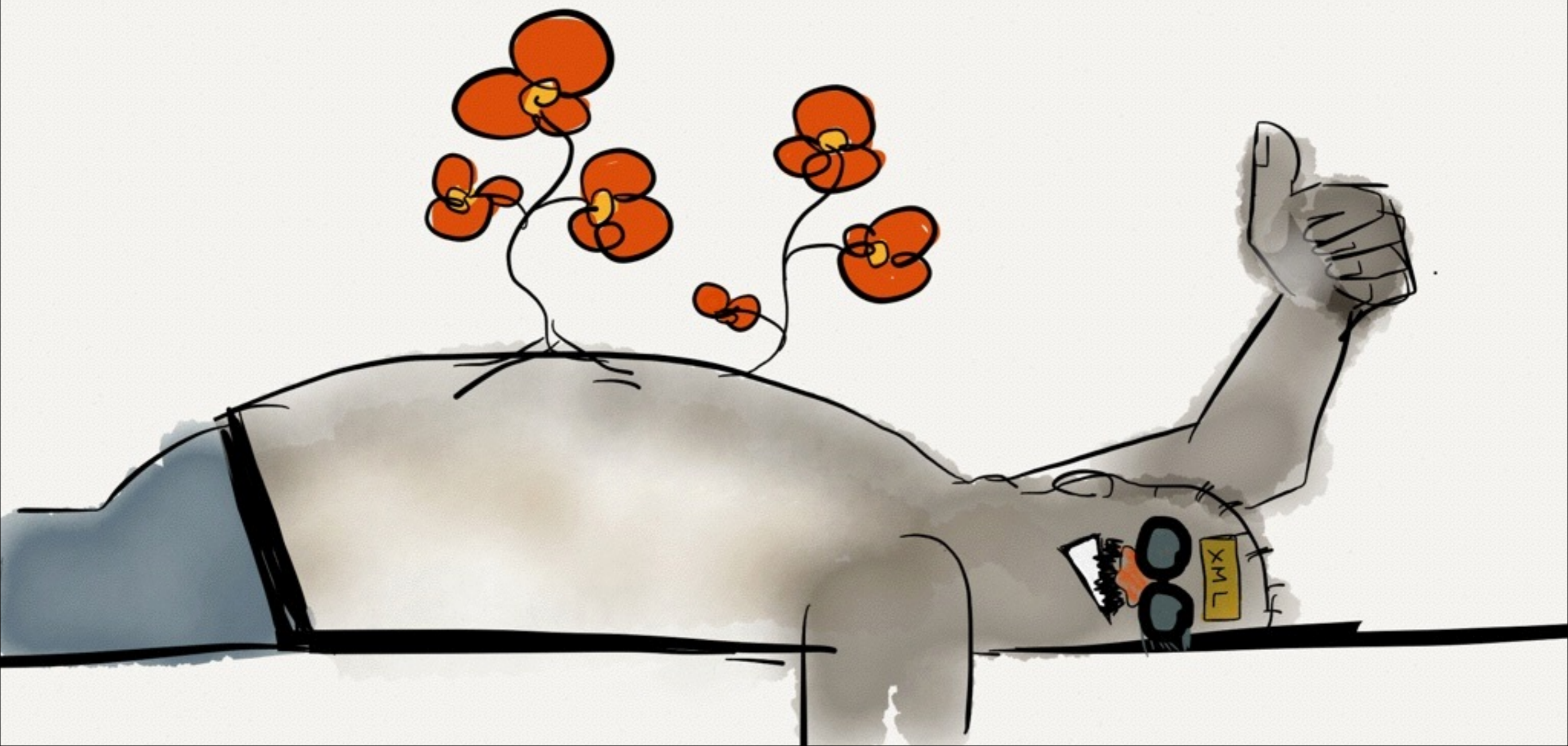




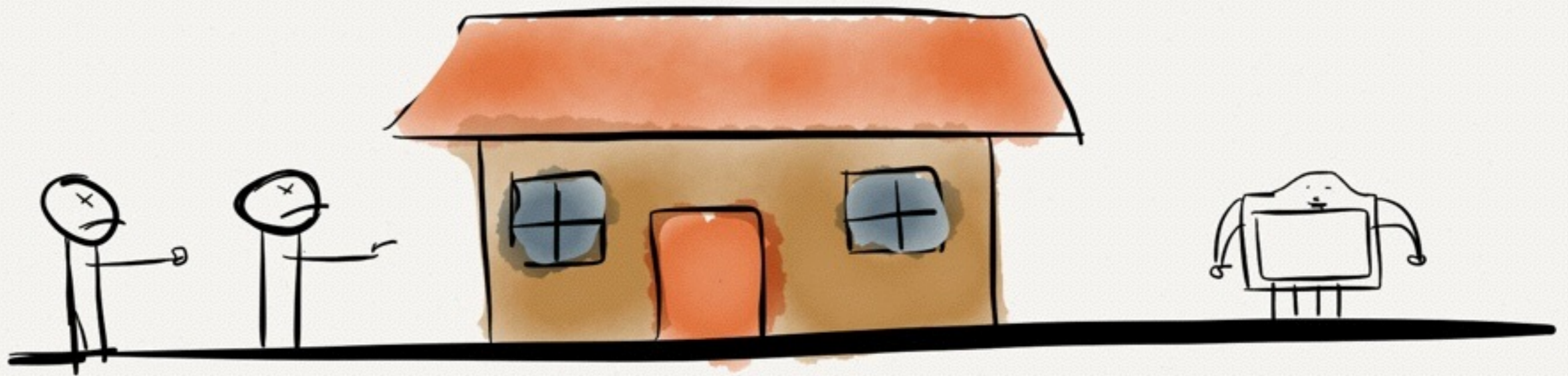
METS

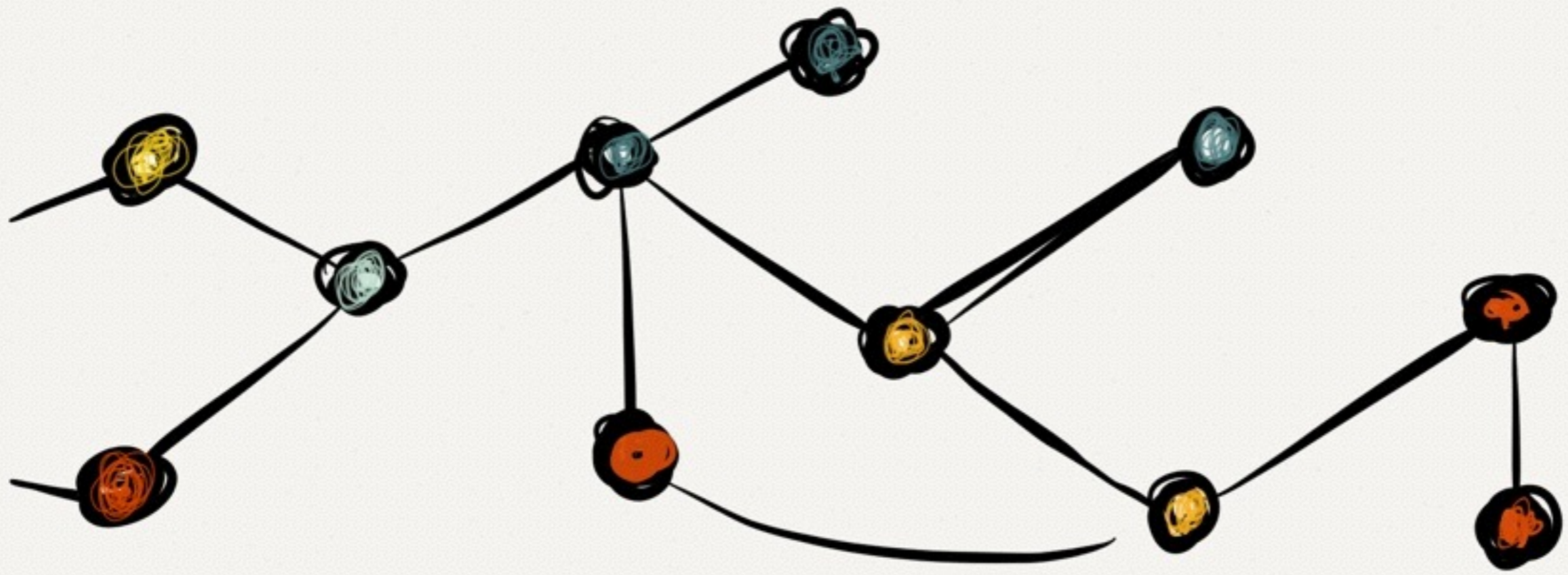


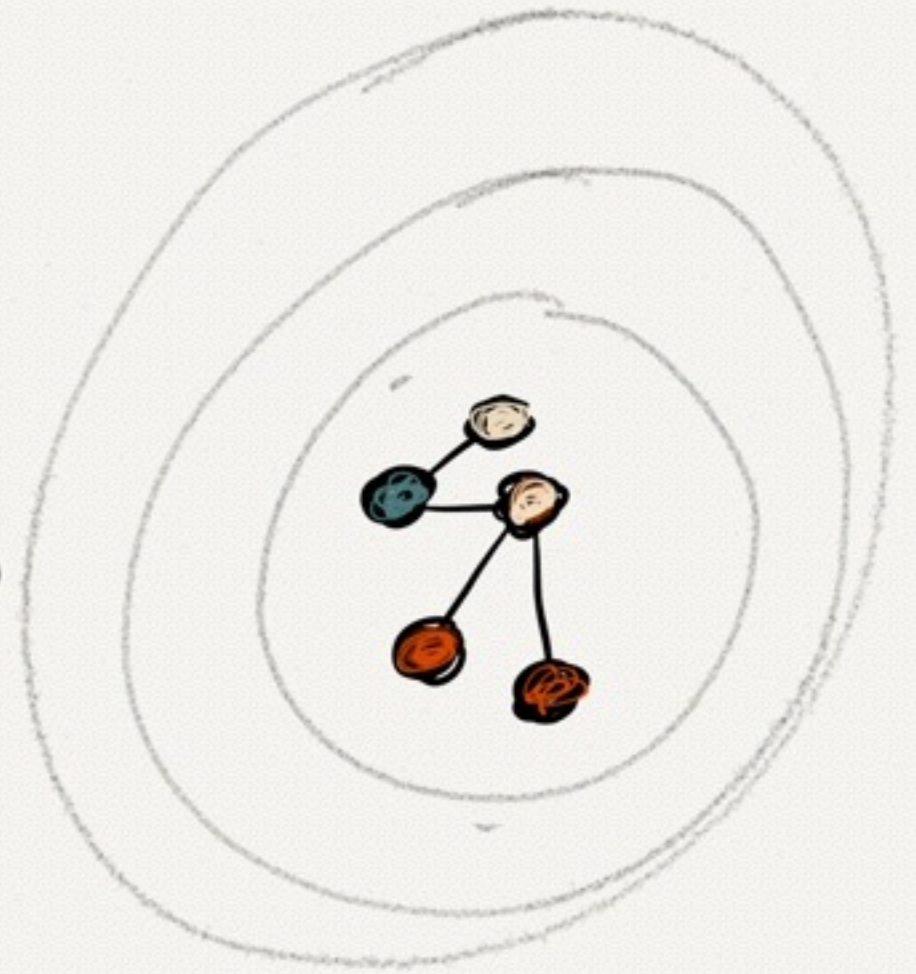
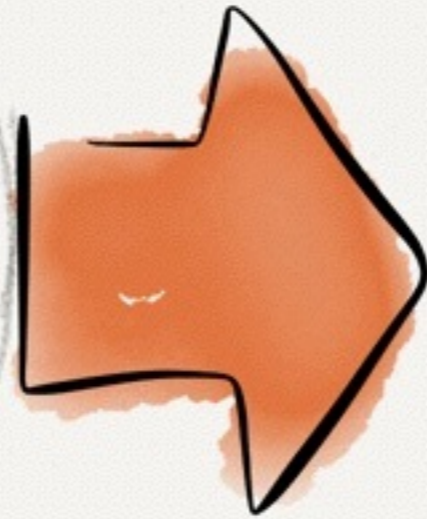
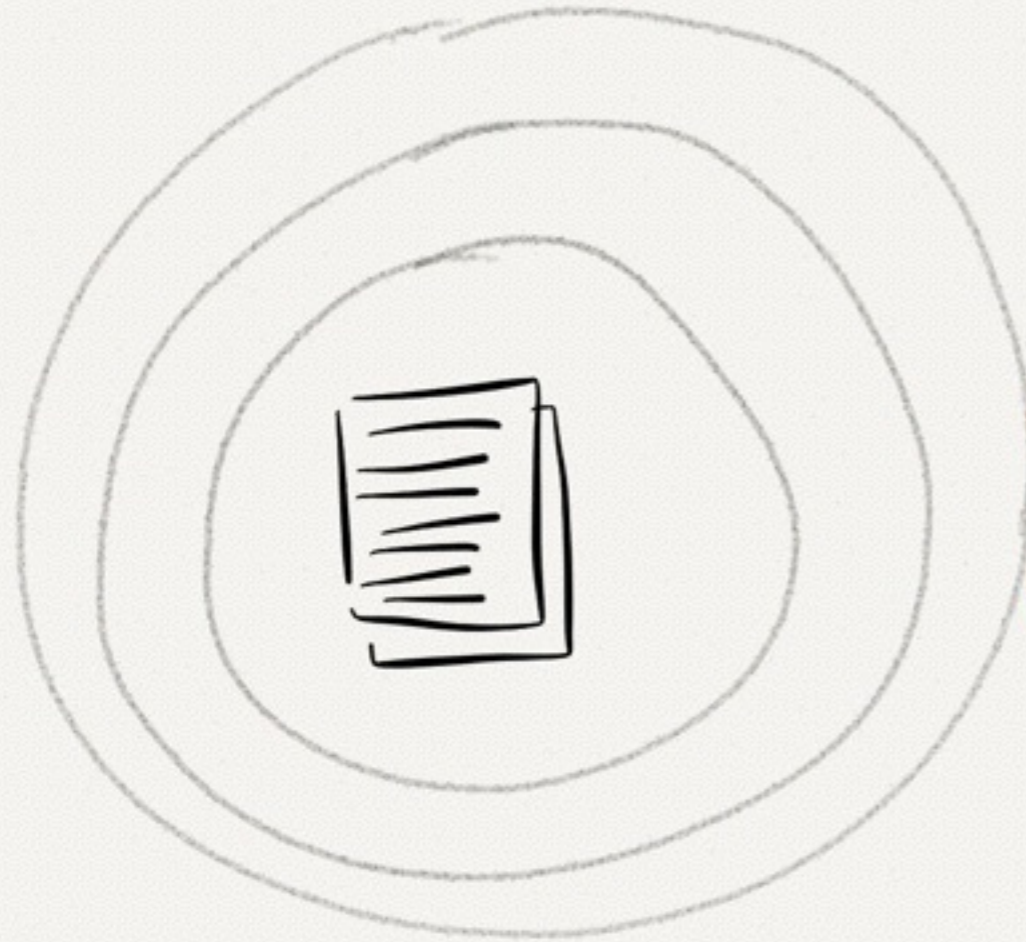
MODS: totally **NOT** marc-the-zombie at all

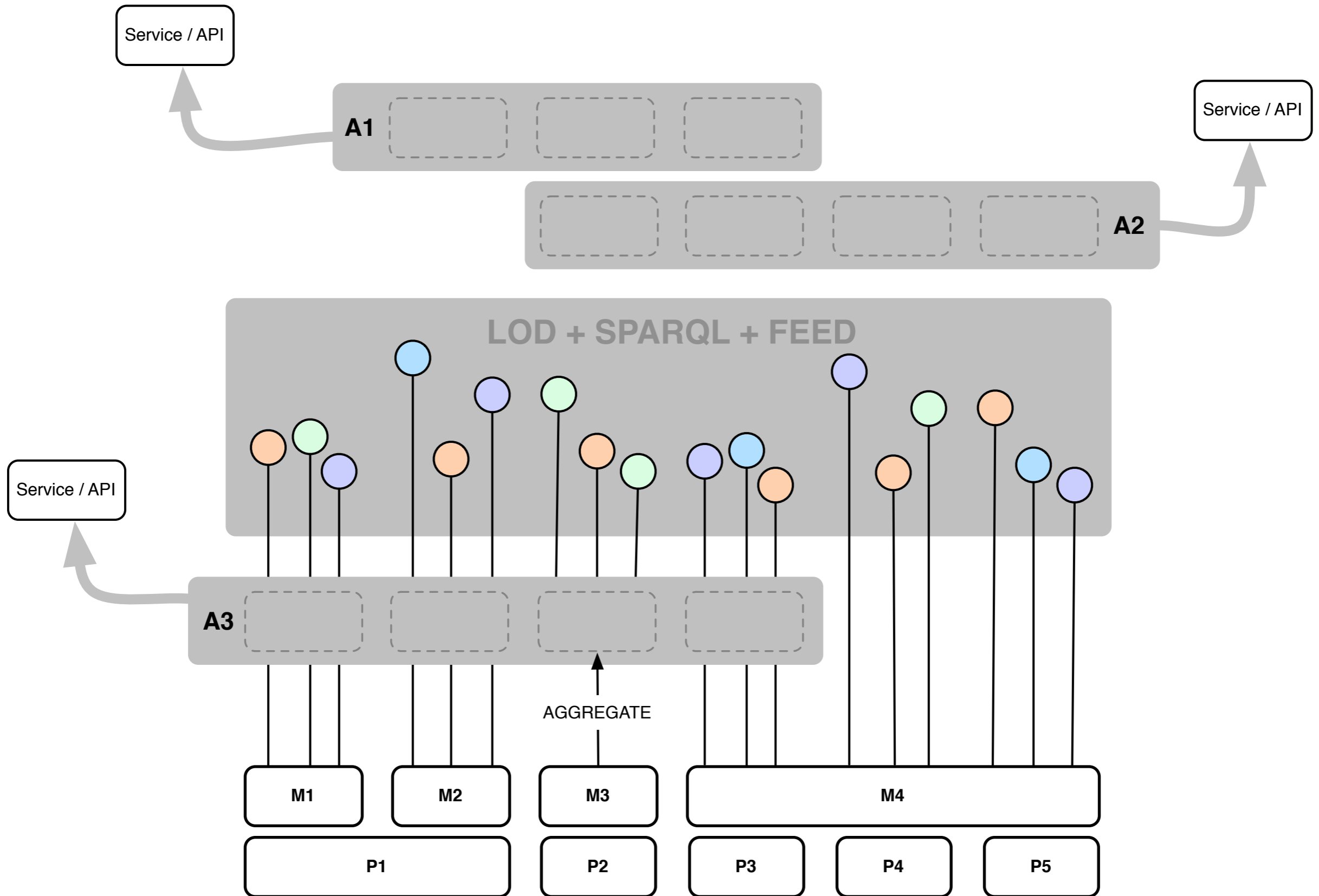


Keep formats and monsters on the outside







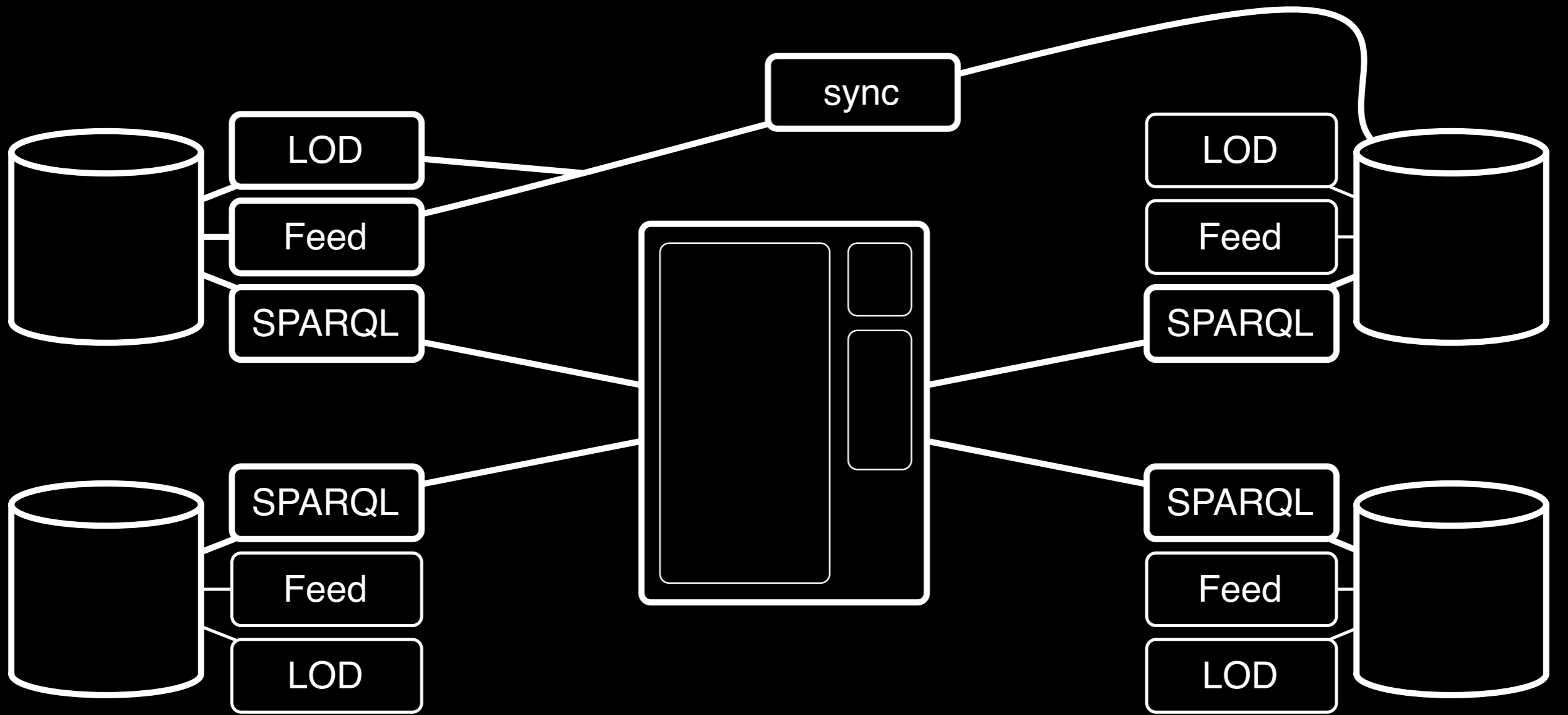


**Trying to “sell” [the idea] of
Linked Data without interfaces is
like trying to sell faxes without
[the invention of] paper**

**Interfaces, ofcourse, are an easier
sell (to managers) than screens
and screens of RDF**

Workshop target:

LOD + feed + SPARQL



Adding data ≠ using data

(Some SPARQL required)

LIBRIS

Levertov, Denise, 1923-1997

Denise Levertov (October 24, 1923 – December 20, 1997) was a British-born American poet.



Works

- [Känna det okända : dikter](#)
- [Att leva : dikter om frihet](#)
- [Aviga böner : \(ur Denise Levertovs senare diktning\)](#)

Influenced By



[Ralph Waldo Emerson](#)



[Henry David Thoreau](#)



[William Carlos Williams](#)



[Dorothy Day, Obl.S.B.](#)

See Also

[DBPedia](#) →

[VIAF](#) →

LIBRIS

Thoreau, Henry David, 1817-1862

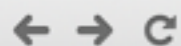
Henry David Thoreau (July 12, 1817 – May 6, 1862) was an American author, poet, philosopher, abolitionist, naturalist, tax resister, development critic, surveyor, historian, and leading transcendentalist. He is best known for his book *Walden*, a reflection upon simple living in natural surroundings, and his essay *Civil Disobedience*, an argument for individual resistance to civil government in moral opposition to an unjust state. Thoreau's books, articles, essays, journals, and poetry total over 20 volumes. Among his lasting contributions were his writings on natural history and philosophy, where he anticipated the methods and findings of ecology and environmental history, two sources of modern day environmentalism. His literary style interweaves close natural observation, personal experience, pointed rhetoric, symbolic meanings, and historical lore, while displaying a poetic sensibility, philosophical austerity, and "Yankee" love of practical detail. He was also deeply interested in the idea of survival in the face of hostile elements, historical change, and natural decay; at the same time he advocated abandoning waste and illusion in order to discover life's true essential needs. He was a lifelong abolitionist, delivering lectures that attacked the Fugitive Slave Law while praising the writings of Wendell Phillips and defending abolitionist John Brown. Thoreau's philosophy of civil disobedience later influenced the political thoughts and actions of such notable figures as Leo Tolstoy, Mohandas Gandhi, and Martin Luther King, Jr. Thoreau is sometimes cited as an anarchist, though *Civil Disobedience* seems to call for improving rather than abolishing government—"I ask for, not at once no government, but at once a better government"—the direction of this improvement



See Also

[DBPedia](#) →

[VIAF](#) →



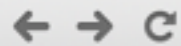
for improving rather than abolishing government—"I ask for, not at once no government, but at once a better government"—the direction of this improvement points toward anarchism: "That government is best which governs not at all;" and when men are prepared for it, that will be the kind of government which they will have. " Richard Drinnon partly blames Thoreau for the ambiguity, noting that Thoreau's "sly satire, his liking for wide margins for his writing, and his fondness for paradox provided ammunition for widely divergent interpretations of 'Civil Disobedience. '"

Works

- [Konsten att vandra](#)
- [Walden](#)
- [Fågeldagbok : anteckningar om fåglar och natur](#)
- [Civil olydnad \[Elektronisk resurs\]](#)
- [Dagboksanteckningar](#)
- [Civil olydnad](#)
- [Skogsliv vid Walden](#)
- [Skogsliv vid Walden](#)
- [Cape Cod](#)
- [Skogsliv vid Walden](#)
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- [Skogsliv vid Walden](#)
- [Skogsliv vid Walden](#)
- [Skogsliv vid Walden](#)
- [Skogsliv vid Walden](#)
- [Om civilt motstånd](#)
- [Skogsliv vid Walden](#)
- [Civil olydnad](#)
- [Konsten att vandra](#)
- [Civil olydnad](#)
- [Walden](#)

Influenced By





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- [Civil olydnad](#)
- [Konsten att vandra](#)
- [Civil olydnad](#)
- [Walden](#)

Influenced By



[Ralph Waldo Emerson](#)



[Thomas Carlyle](#)



[Plotinus](#)



[Publius Vergilius Maro](#)

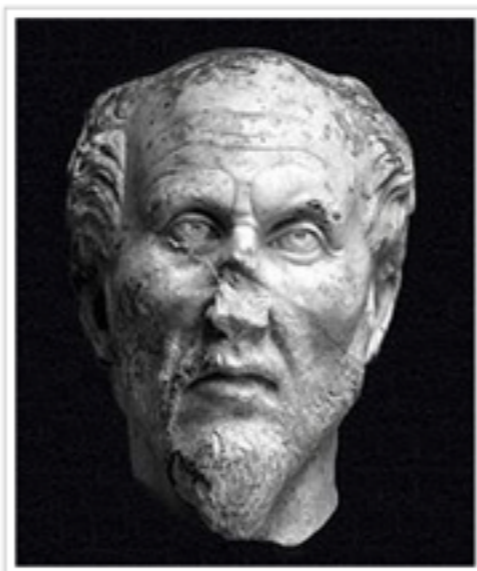


[Johann Wolfgang von Goethe](#)

LIBRIS

Plotinos, ca 205-270

Plotinus (ca. 204/5–270 CE) was a major philosopher of the ancient world. In his system of theory there are the three principles: the One, the Intellect, and the Soul. His teacher was Ammonius Saccas and he is of the Platonic tradition. Historians of the 19th century invented the term Neoplatonism and applied it to him and his philosophy which was influential in Late Antiquity. Much of the biographical information about Plotinus comes from Porphyry's preface to his edition of Plotinus' Enneads. His metaphysical writings have inspired centuries of Pagan, Christian, Jewish, Islamic and Gnostic metaphysicians and mystics.



See Also

[DBPedia](#) →

[VIAF](#) →

Works

- [Plotinos : mystikern och reformatorn](#)
- [Ur Enneaderna](#)

Influenced By



[Plato \(Πλάτων\)](#)

**TBL five star model not enough for
data to be fit for reuse**

Linked Data + UX → actually **useful** data