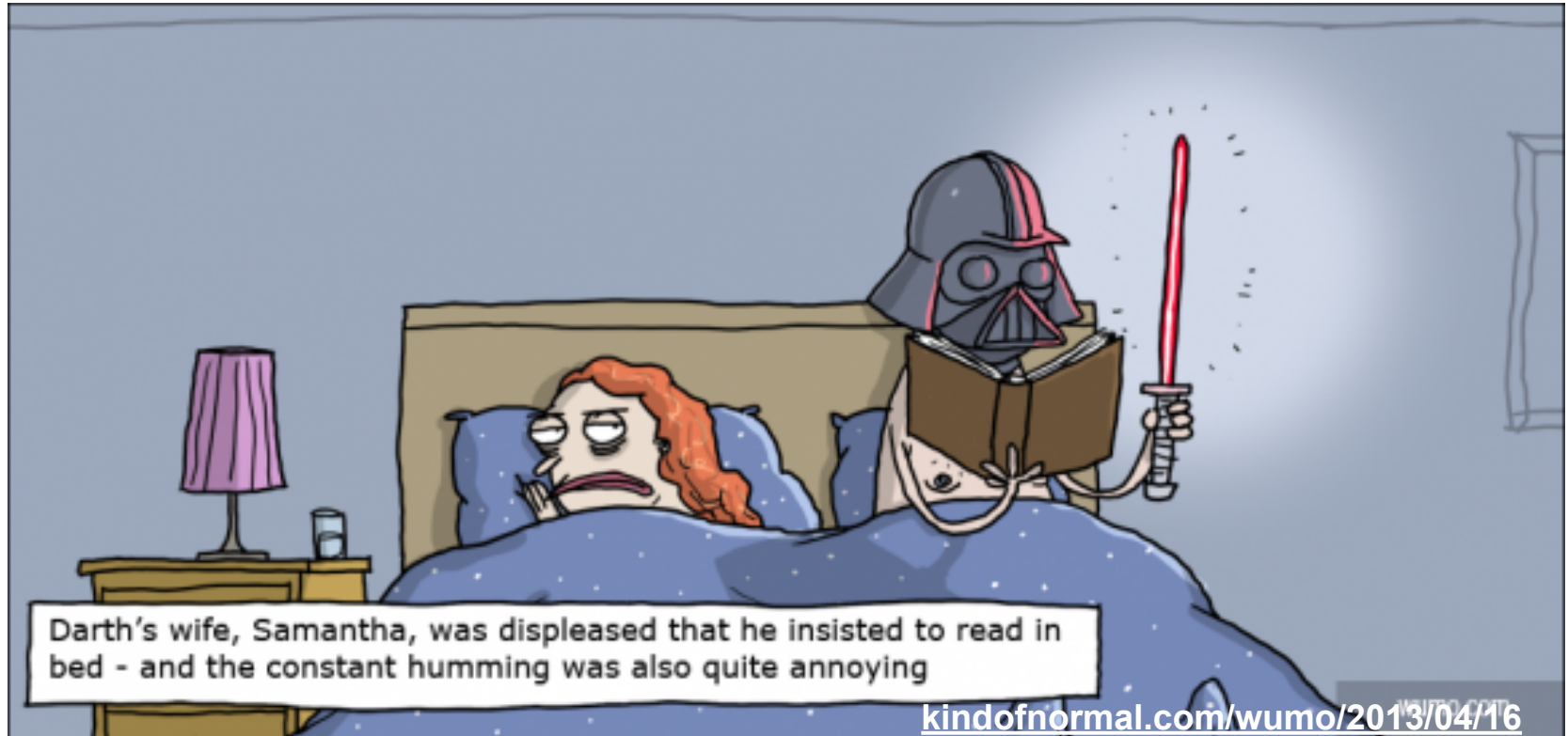


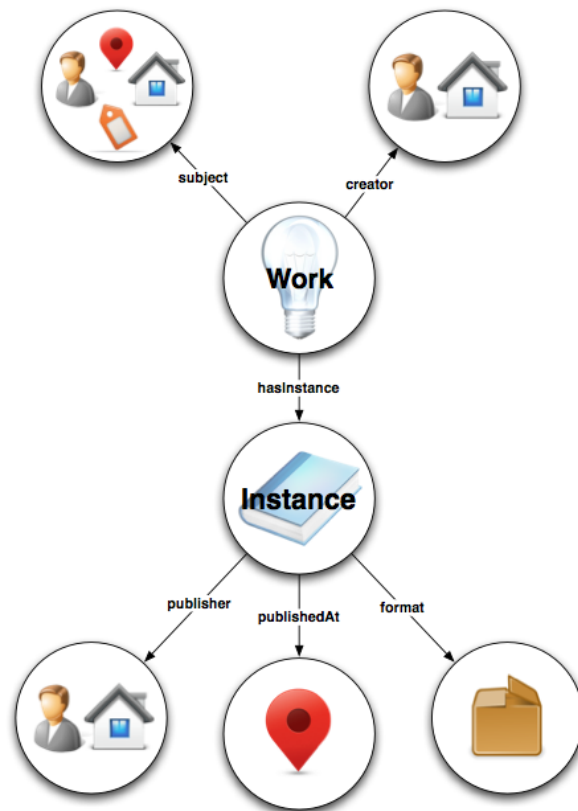
Graphity

Linked Data platform for Danish Newspapers

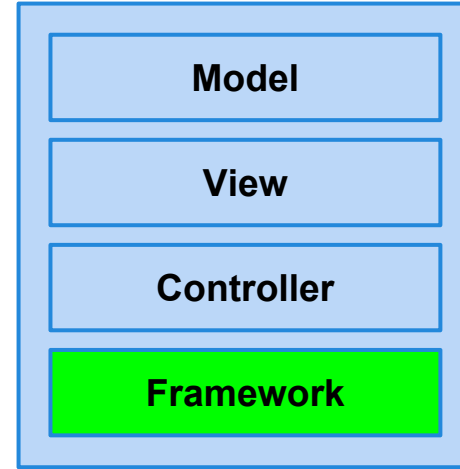
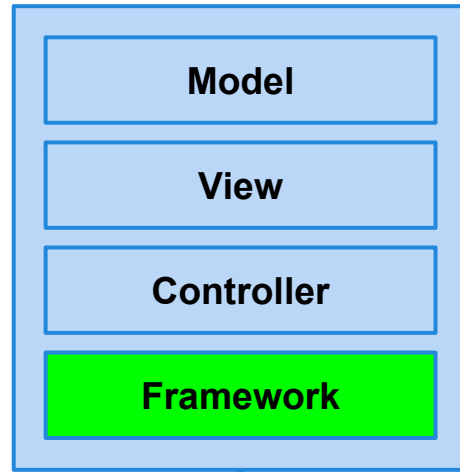
Origins: 2011



Model



MVC webapp architecture



Source
code

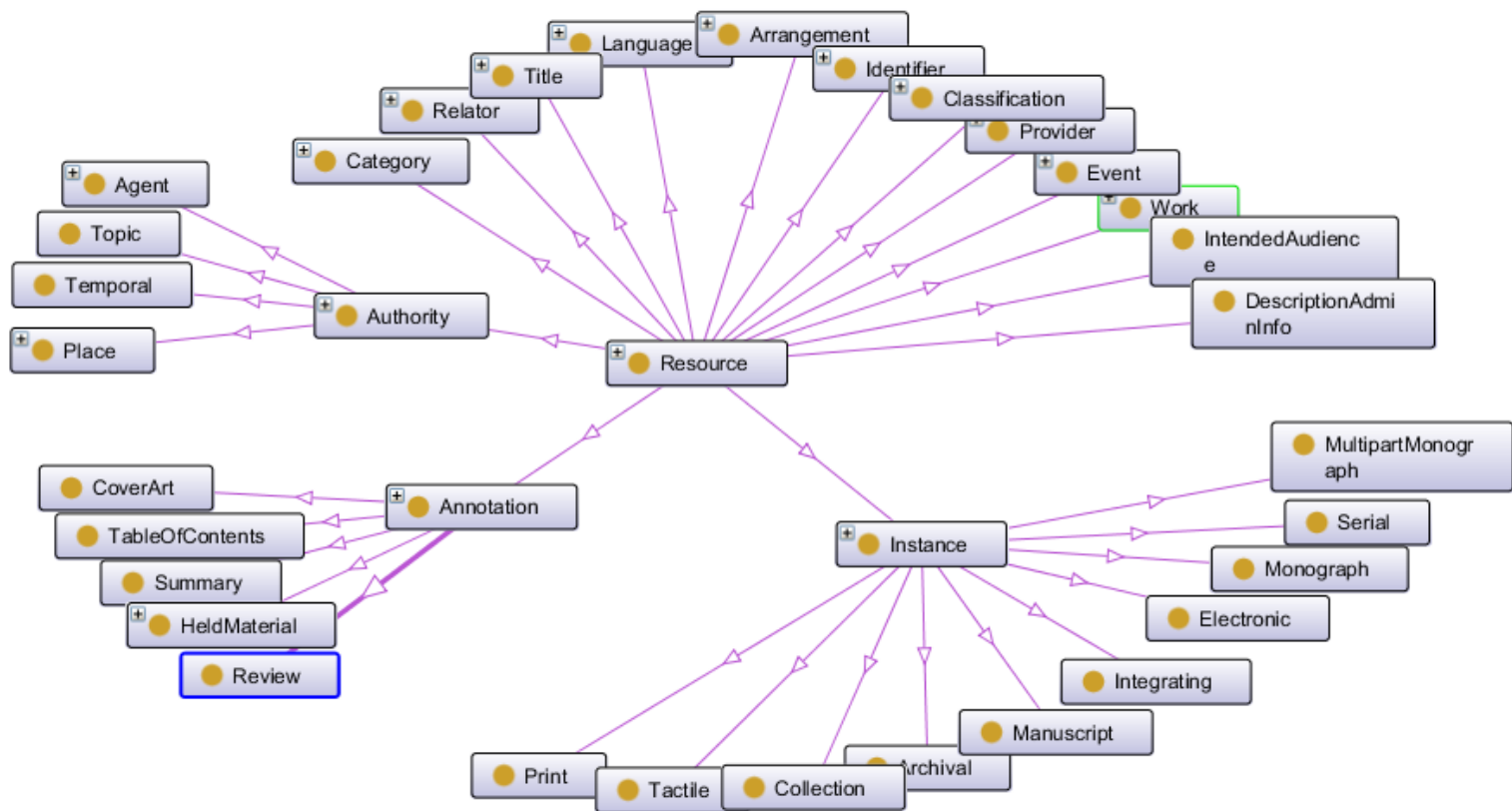
High
reusability

Data

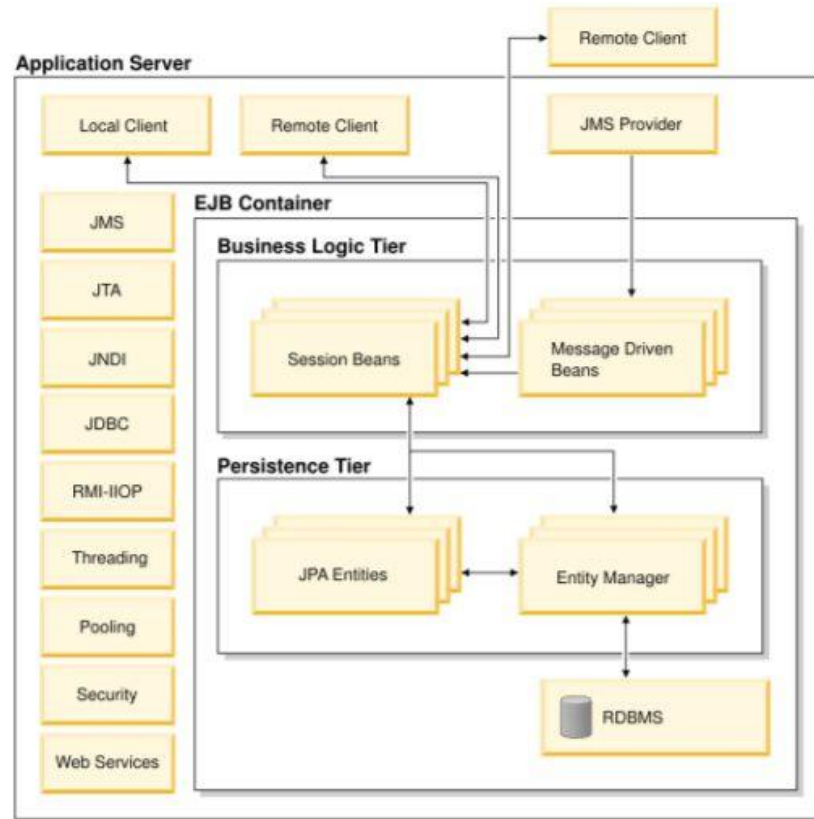
Database

Database

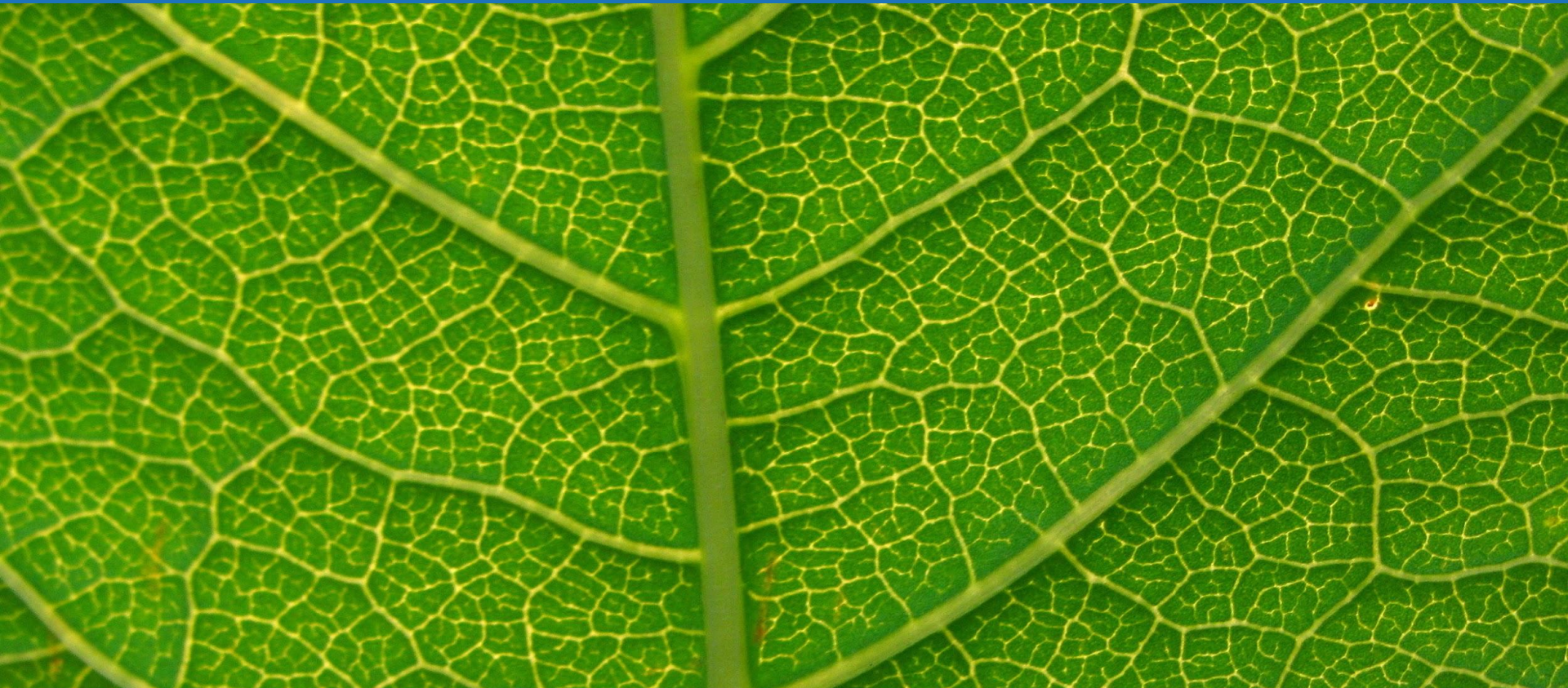
BIBFRAME model with subclasses



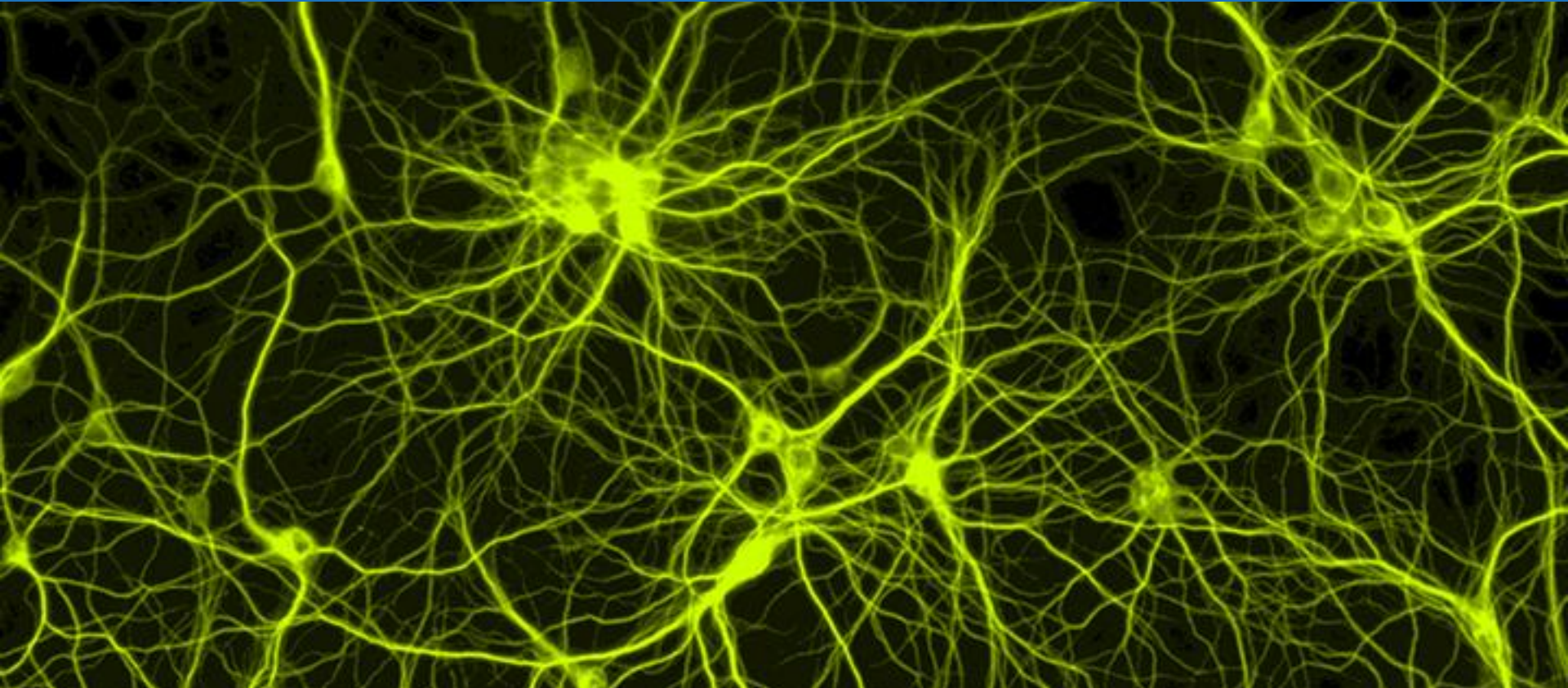
Enterprise Java stack



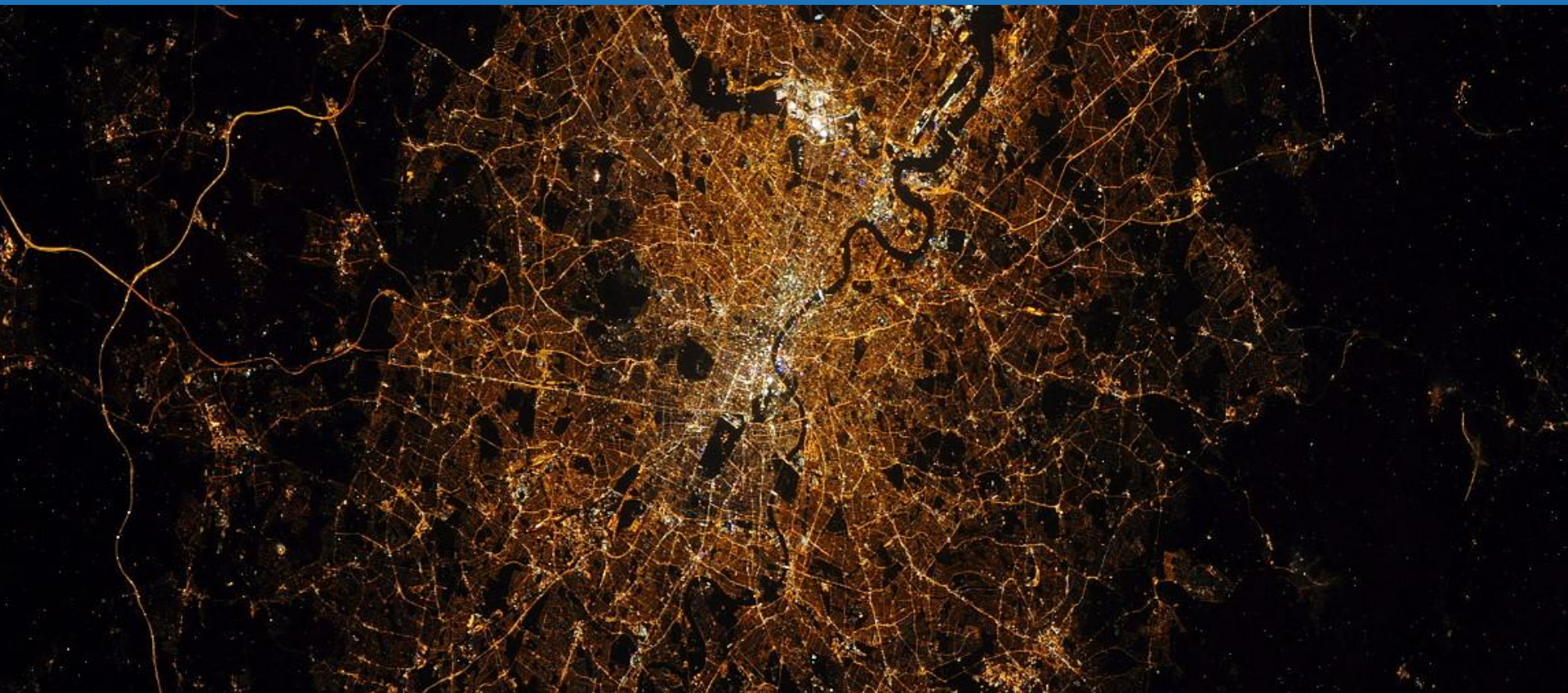
RDF: natural data model



RDF: natural data model

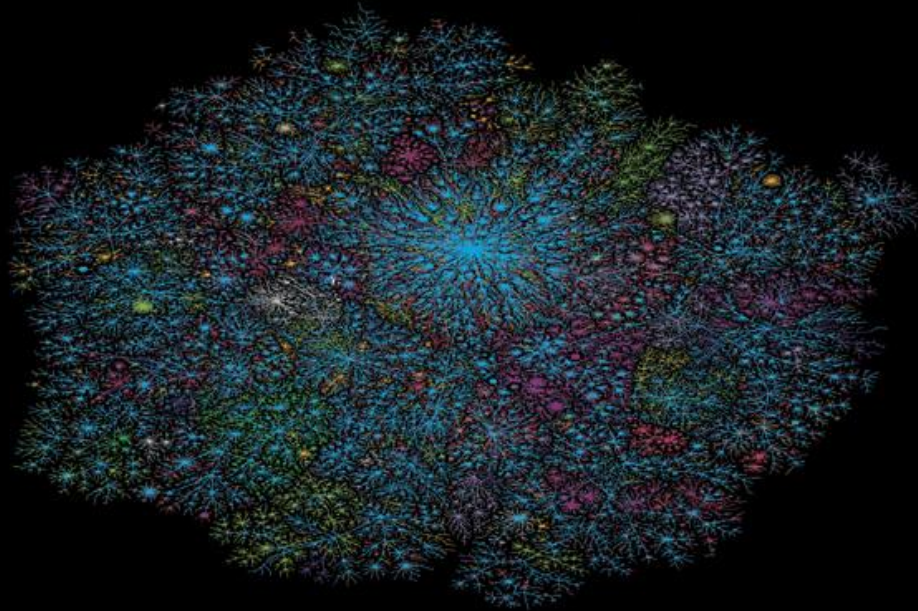


RDF: natural data model

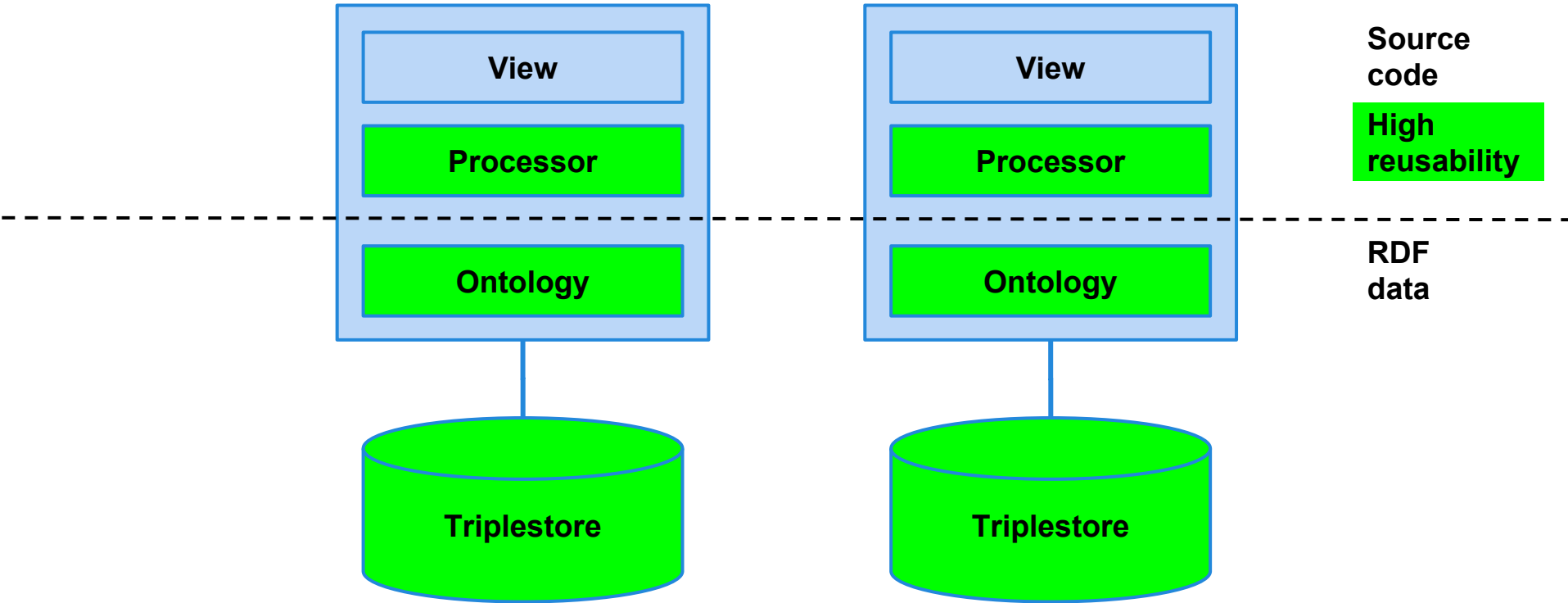


RDF: natural data model

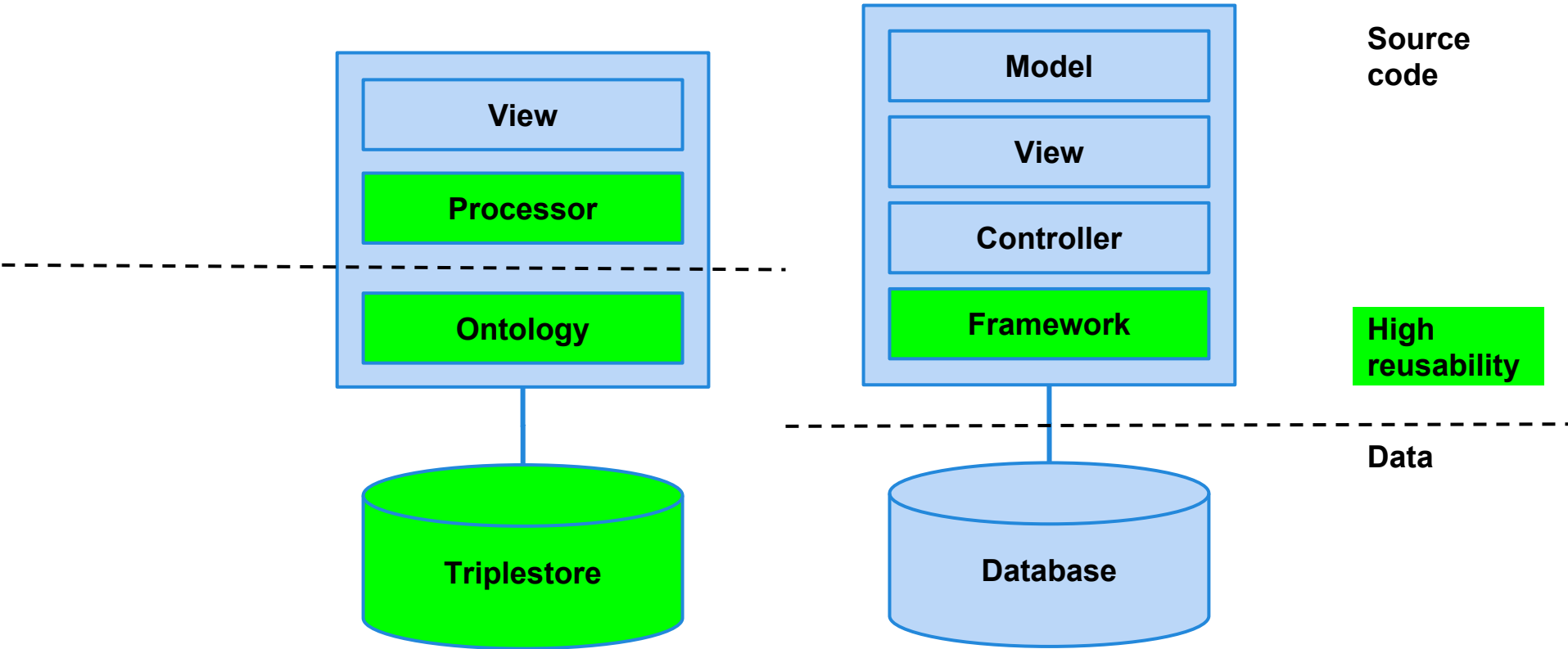
THE WHOLE INTERNET



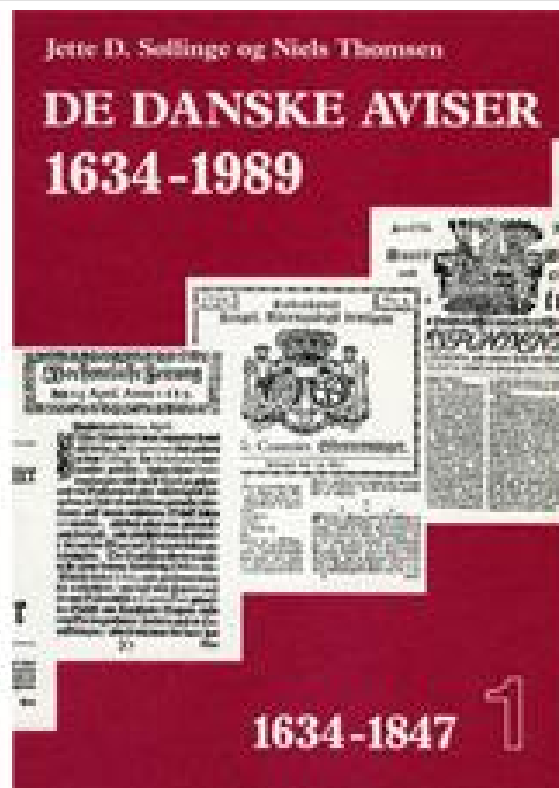
Declarative webapp architecture



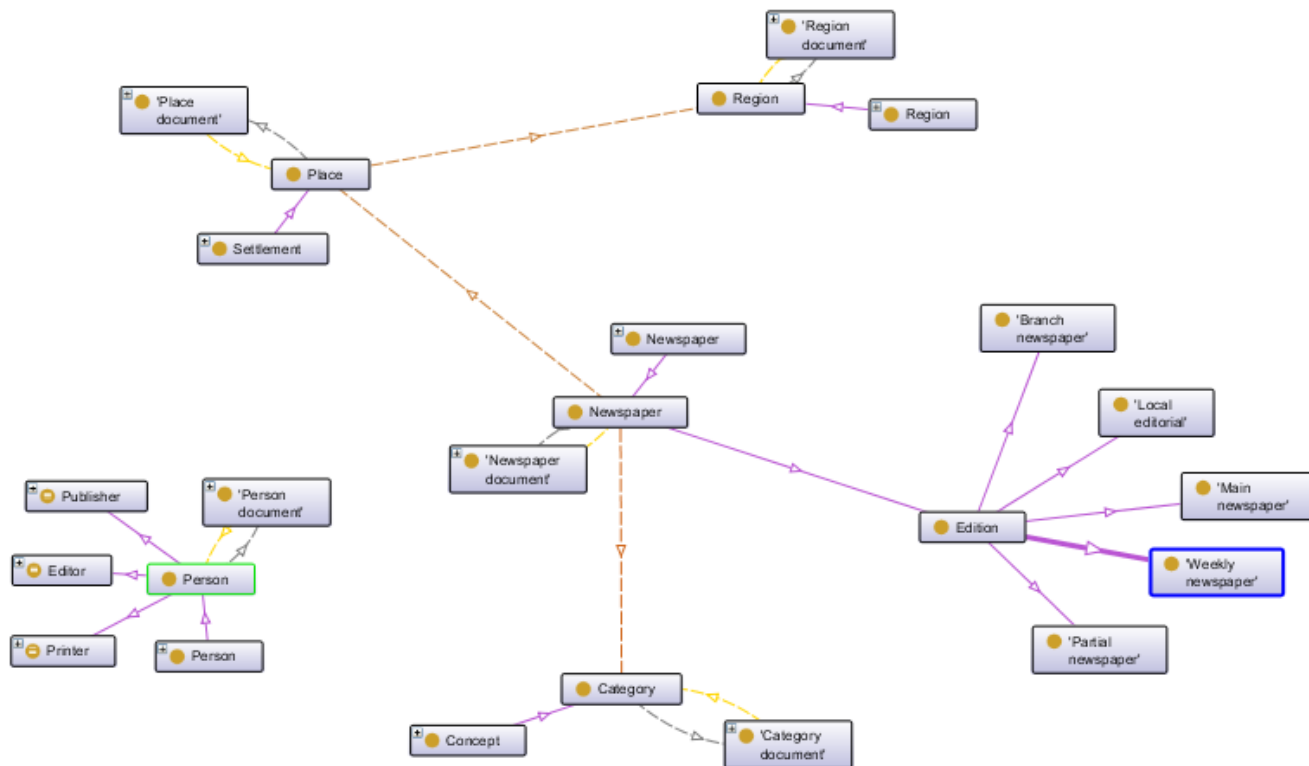
Comparison: declarative vs. MVC



Danish Newspapers



Danish Newspapers



Features: maps

THE DANISH NEWSPAPERS

Categories

Place groups

Places

Newspapers

Persons

More ▾

Search...

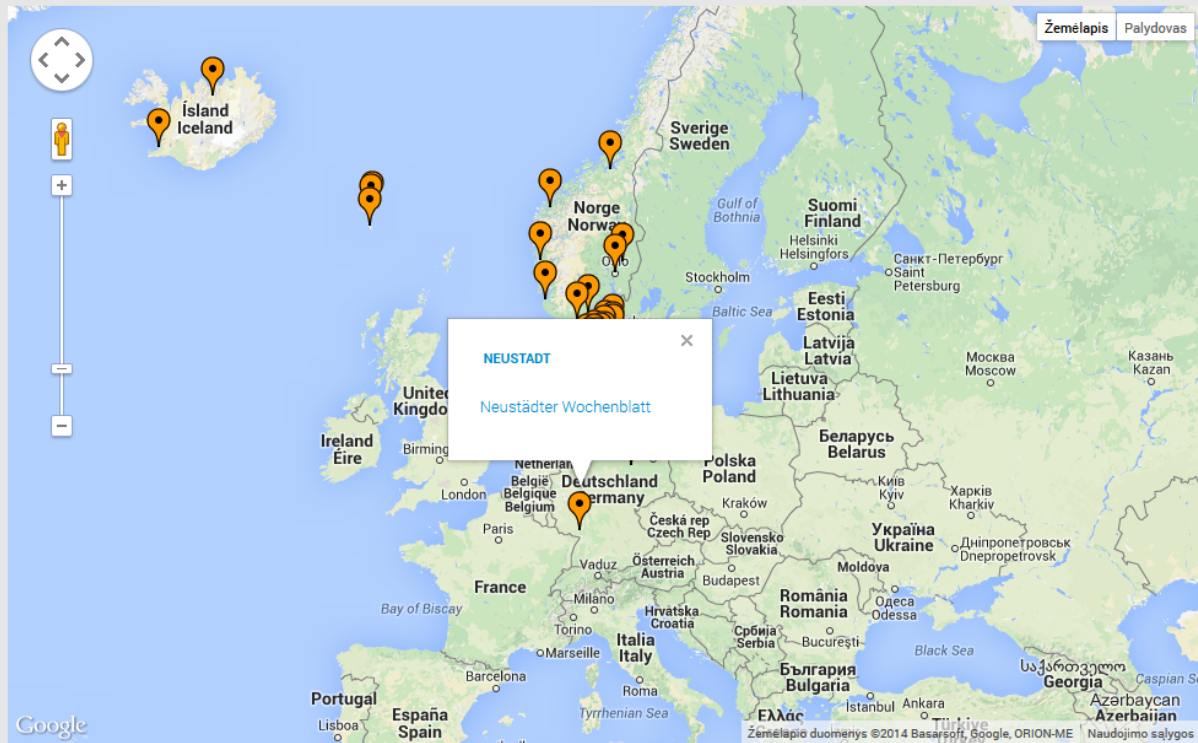
AUTHORS

1634-1991:

Jette D. Søllinge og Niels Thomsen

1992-2012:

Ole C. Jørgensen



Features: faceted search

THE DANISH NEWSPAPERS

CategoriesPlace groupsPlacesNewspapersPersonsMore

Search...13 results

Filters

TITLE

START YEAR

END YEAR

TYPE

☐ Branch newspaper
☐ Local editorial
☒ Main newspaper
☒ Partial newspaper
☐ Weekly newspaper

PLACE GROUPS

☐ Færøerne
☐ Grønland
☐ Holsten
☐ Island
☐ Jylland
☐ København
☐ Nordamerika
☐ Norge
☐ Sjælland, Lolland, Falster, Bornholm og Samsø
☒ Slesvig
☐ Sydamerika

FilterReset

Newspapers

ID	Title	Location	Type
111-12	Flensburger Volks-Zeitung	Flensburg/Sydslesvig	NEWSPAPER
111-13	Schleswigsche Grenzpost	Flensburg/Sydslesvig	NEWSPAPER
111-14	Der Schleswiger	Flensburg/Sydslesvig	NEWSPAPER
111-15	Flensburger Nachrichten-Blatt	Flensburg/Sydslesvig	NEWSPAPER
111-16	Flensburger Tageblatt	Flensburg/Sydslesvig	NEWSPAPER
111-17	Südschleswigsche Heimat-Zeitung	Flensburg/Sydslesvig	NEWSPAPER
111-2	Der Schleswiger	Flensburg/Sydslesvig	NEWSPAPER
111-6	Flensburger Norddeutsche Zeitung	Flensburg/Sydslesvig	NEWSPAPER
111-7	Flensburger Nachrichten	Flensburg/Sydslesvig	NEWSPAPER
111-8	Flensburg Avis	Flensburg/Sydslesvig	NEWSPAPER
111-9	Flensburger Annoncenblatt	Flensburg/Sydslesvig	NEWSPAPER
112-1	Nordfriesische Nachrichten	Bredsted	NEWSPAPER
126-2	Südschleswigsche Heimat-Zeitung	Husum	NEWSPAPER

Features: editing

THE DANISH NEWSPAPERS Categories Place groups Places Newspapers Persons More Martynas Search...

Title

Politiken

Literal

Type

Main newspaper (H)
Branch newspaper (A)
Weekly newspaper (Ø)
Local editorial (L)
Partial newspaper (D)

Title prefix

Literal

×

Title suffix

Literal

×

Footnote

Literal

×

ID

1-154

Literal

Location

København/Hovedstaden

Lookup

Place name

Literal

×

Related

Lookup

×

Title

Politiken

Literal

+ Has version

+ Category

Graphity BIBFRAME

GRAPHITY

Go

SPARQL endpoint

Graphity BIBFRAME / Instances

Instances

Container

Container

Document

Export ▾

Create

Gallery

List

Properties

Table

URI slug		Literal	+
Authorized access point		Literal	× +
Carrier type		Resource	× +
Description change date		Literal	× +
Description conventions		Resource	× +
Description language		Resource	× +
Description source		Resource	× +
Dimensions		Literal	× +

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