Graphity

Linked Data platform for Danish Newspapers
Darth’s wife, Samantha, was displeased that he insisted to read in bed - and the constant humming was also quite annoying.
Model
MVC webapp architecture

- Model
- View
- Controller
- Framework
- Database

Source code
High reusability
Data
BIBFRAME model with subclasses
Enterprise Java stack
RDF: natural data model
RDF: natural data model
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RDF: natural data model
Declarative webapp architecture

View
- Processor
- Ontology

Triplestore

Source code
- High reusability

RDF data
Comparison: declarative vs. MVC

- **Source code**
- **High reusability**
- **Data**

### Declarative
- **View**
- **Processor**
- **Ontology**
- **Triplestore**

### MVC
- **Model**
- **View**
- **Controller**
- **Framework**
- **Database**
Danish Newspapers
Danish Newspapers
Features: maps
<table>
<thead>
<tr>
<th>ID</th>
<th>Title</th>
<th>Location</th>
<th>Type</th>
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</thead>
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<td>Flensburg/Sydslesvig</td>
<td>NEWSPAPER</td>
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<td>Flensburg/Sydslesvig</td>
<td>NEWSPAPER</td>
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Features: editing
Instances

Create

- URI slug
- Authorized access point
- Carrier type
- Description change date
- Description conventions
- Description language
- Description source
- Dimensions

Literal
Literal
Resource
Resource
Literal

Export
Join us

- Declarative Apps W3C Community Group
- Linked Data Processor Specification
- Graphity is open-source
Get in touch

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