SSE in the Linked Open Data Eco System

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Semantic Web
Inteligent Web
Link

Data
INTEROPERABILITY
Linked
Linked
Open
Linked
Open
Data
L O D
HUGE DATABASE ON THE WEB!
OPEN STRUCTURED DATA
THIS IS WHAT INSPIRES ME

Open data and content can be freely used, modified, and shared by anyone for any purpose.

SEE HOW DATA CAN CHANGE THE WORLD

A world where knowledge creates power for the many, not the few.
A world where data frees us — to make informed choices about how we live, what we buy and who gets our vote.
A world where information and insights are accessible — and apparent — to everyone.
This is the world we choose.
The Semantic Web

LOD technologies

offer many possibilities for enhancing
the discovery and use of DATA
find and merge data coming from disparate sources use more effectively the Internet for all types of data-related activities.

transparency in government, more effective use of data in research, better evidence-based policy.
METADATA
DATA
ABOUT
DATA
How do we model the data?

SSE data providers

WIS Systems

SSE LOD DATASETS

LOD Ecosystem

Applications

General Public

Policy Makers

Academia

Communities

Media/Press

Government
MODELING THE SSE REALITY
ABSTRACT VIEW
NO PERFECT VIEW
RIPESS VIEW

Dublin Core Application Profile (DCAP)
<table>
<thead>
<tr>
<th>NAMESPACES</th>
</tr>
</thead>
<tbody>
<tr>
<td>dcterms: <a href="http://purl.org/dc/terms/">http://purl.org/dc/terms/</a></td>
</tr>
<tr>
<td>essglobal: <a href="http://purl.org/essglobal/vocab/v1.0/">http://purl.org/essglobal/vocab/v1.0/</a></td>
</tr>
<tr>
<td>foaf: <a href="http://xmlns.xom/foaf/0.1/">http://xmlns.xom/foaf/0.1/</a></td>
</tr>
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<td>gr: <a href="http://purl.org/goodrelations/v1">http://purl.org/goodrelations/v1</a></td>
</tr>
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<td>schema: <a href="http://schema.org">http://schema.org</a></td>
</tr>
<tr>
<td>v: <a href="http://www.w3.org/2006/vcard/ns/">http://www.w3.org/2006/vcard/ns/</a></td>
</tr>
</tbody>
</table>
ESSGLOBAL RDF Vocabulary

Used to describe dimensions such as:

- specific characteristics of the SSE organisations (e.g. #men; #women; mission; legal form, etc);

- relations and networks that exist among SSE organisations;

- The product's or service’s:
  - open cost;
  - labour costs.
ESSGLOBAL RDF Vocabulary IRI

http://purl.org/essglobal/vocab
Vocabulary Encoding Schemes

Economic Activities/Sectors:
http://purl.org/essglobal/standard/activities

Macro-themes:
http://purl.org/essglobal/standard/themes

Qualifiers:
http://purl.org/essglobal/standard/qualifiers

Type of Labour:
http://purl.org/essglobal/standard/type-of-labour
Arteiros Aroma Brasil described using triples. We call it "SSEInitiative#A"

<table>
<thead>
<tr>
<th>Subject</th>
<th>Predicate</th>
<th>Object</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSEInitiative#A</td>
<td>rdf:type</td>
<td>essglobal:SSEInitiative</td>
</tr>
<tr>
<td>SSEInitiative#A</td>
<td>gr:name</td>
<td>&quot;ARTEIROS AROMA BRASIL&quot;</td>
</tr>
<tr>
<td>SSEInitiative#A</td>
<td>dcterms:description</td>
<td>&quot;Somos um grupo de artesãos, com uma organização familiar que nos unimos...&quot;@pt</td>
</tr>
<tr>
<td>SSEInitiative#A</td>
<td>dcterms:description</td>
<td>&quot;We are a group of craftsmen with a family organization that came together...&quot;@en</td>
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<tr>
<td>SSEInitiative#A</td>
<td>essglobal:economicSector</td>
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<tr>
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<td>&lt;Address#1&gt;</td>
</tr>
<tr>
<td>SSEInitiative#A</td>
<td>essglobal:hasProductOrService</td>
<td>Product#1</td>
</tr>
<tr>
<td>SSEInitiative#A</td>
<td>essglobal:hasProductOrService</td>
<td>Product#2</td>
</tr>
<tr>
<td>SSEInitiative#A</td>
<td>essglobal:hasProductOrService</td>
<td>Product#3</td>
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</table>

CODE:

```
<ARTEIROS AROMA BRASIL>
a essglobal:SSEInitiative ;
gr:name "ARTEIROS AROMA BRASIL" ;
dcterms:description "Somos um grupo de artesãos, com uma organização familiar que nos unimos para este empreendimento. Voltado para o trabalho manual e o amor pela arte, trazemos à luz produtos de qualidade, feitos com amor para um público que valoriza a autenticidade e a excelência."
dcterms:description "We are a group of craftsmen with a family organization that came together for this project. Going back to craftsmanship with our hands and our passion for art, we are bringing quality products to a public that values authenticity and excellence.";

essglobal:economicSector <http://purl.org/essglobal/standard/activities/a03> ;

essglobal:legalForm <http://www.purl.org/essglobal/standard/legal-form/L1> ;

foaf:homepage "<www.cirandas.net/arteirosaromabrasil>";

essglobal:hasAddress <Address#1> ;

essglobal:hasProductOrService <Product#1> ;

essglobal:hasProductOrService <Product#2> ;

essglobal:hasProductOrService <Product#3> .
```
We invite you to come with us on this LOD trip!
Start here!

DCAP-SSE V1.1

http://purl.org/essglobal/wiki
We invite you to come with us on this LOD trip!

Specifications:
http://purl.org/essglobal/wiki

My contact:
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