



Semantic Modelling

Design and collaborative enrichment of ontologies




Information Scientists
Business Analysts
Subject Matter Experts

Knowledge Discovery & Surfacing

Contextual metadata driven search and navigation

Resource Description & Authoring

Assisted and automated metadata enrichment



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The 2014 Audi A8 L W12

The twelve cylinders that deliver 500-hp expand on a masterpiece of design. Available features like rear entertainment with dual 10" screens and an exclusive Audi cool box make the drive an exceptional experience.

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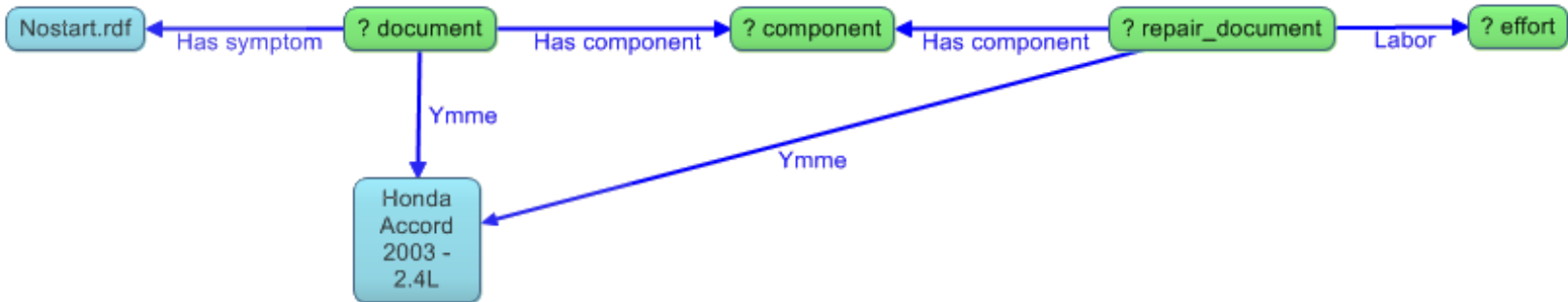


Root cause analysis



Smartlogic™

THE CONTENT INTELLIGENCE COMPANY



Gruff 5.0.10 on AllegroGraph 4.10 ALLDATA read-only 289 triples server 192.168.152.128

File View Display Edit Global Options Query Options Table Options Help

Clif
 SPARQL
 Use Planner
 Reindent
 Name Query
 Revisit
 Graph View
 Table View
 Outline View

Prolog
 Do Query
 Select All
 alldata
 Graphical Query View

```

SELECT ?component (count(?component) as ?frequency) ?cost WHERE
{ ?repair_data <http://www.smartlogic.com/schema/classification.rdf#has_component> ?component ;
  <http://alldata.com/alldata.rdf#labor> ?cost ;
  <http://alldata.com/taxonomy.rdf#ymme> <http://alldata.com/vehicles/HondaAccord2003-2.41-1.rdf> .
  ?document <http://www.smartlogic.com/schema/classification.rdf#has_component> ?component ;
  <http://www.smartlogic.com/schema/classification.rdf#has_symptom> <http://alldata.com/symptom/nostart.rdf> ;
  <http://alldata.com/taxonomy.rdf#ymme> <http://alldata.com/vehicles/HondaAccord2003-2.41-1.rdf> . }
group by ?component ?cost
order by desc(?frequency)
LIMIT 32
  
```

Enter a SPARQL select or describe query in the text widget to the left, then press the Do Query button. All known namespace abbreviations will be in effect. Or first select the Prolog radio button and enter a Prolog query (perhaps with additional lisp forms as well). Basic Emacs keystrokes can be used to edit the text.

In the results table, left-click a column header cell to sort the table by that column. Left-click a node cell to visit that node in the table view and add the node to the graph view. The Tab key jumps between the query string and the tables.

Right-click any cell in the results table for a menu of other commands. Or move the focus with the arrow keys and then press M to show the menu.

14 Results

| ?component | ?frequency | ?cost |
|------------------------|------------|-------|
| BCM.rdf | 6 | 4 |
| PCM.rdf | 5 | 8 |
| PATS.rdf | 2 | 3 |
| IPCCAN.rdf | 1 | 2 |
| High Pressure Pump.rdf | 1 | 2.5 |
| Lock Cylinder.rdf | 1 | 2 |
| ASD Relay.rdf | 1 | 1 |
| CA Nbus.rdf | 1 | 3 |

Explicit Nodes from Query

- Nostart.rdf
- Honda Accord 2003 - 2.4L

Explicit Predicates from Query

- Has symptom
- Ymme



Search

OEM Articles

Go

Setup | Help | Logout

#123456789 - John Doe

2012 Daimler
Charger
2.1 L



Select Symptom(s)

Your Choices

- symptom 2
- symptom 3
- symptom 5
- symptom 7

- symptom 1
- symptom 4
- symptom 6
- symptom 8

Probable Causes

Vitals

- Checklist 1
- Checklist 2
- Checklist 3
- Checklist 4

Measurement 1

Measurement 2

Jobs

- Brake Shoe Replacement
- Wheel Balancing
- 52 Pt. Inspection
- Oil Change

TSBs



<Selected diagram's short short description short description short description short description short >

Specifications



<Selected diagram's short short description short description short description short description short >

Repair Procedures

<Component> <Problem/Symptom> <Title> <Date> Lorem ipsum Mus nisi lacus mid aliquam adipiscing augue vel, vel lorem....

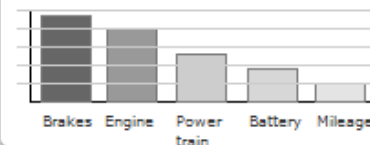
<Component> <Problem/Symptom> <Title> <Date> Lorem ipsum Mus nisi lacus mid aliquam adipiscing augue...

Recalls | News

<Title> <Date> Lorem ipsum Mus nisi lacus mid aliquam adipiscing augue...

<Title> <Date> Lorem ipsum Mus nisi lacus mid aliquam adipiscing augue...

Repair Trends



Knowledge Base

Forums

Related Information

Symptoms

- Symptom1
- Symptom2
- Symptom3
- Symptom4
- Symptom5
- Symptom6
- Symptom7

Job Types

- Brake Fluid
- Oil Filter Replace
- Tire Replacement
- Brake Adjustments