

Enterprise Information System for Peer Production

Protege LDBrowser OB SPARQL Natural Language Query Query History Preferences ./brent\_shambaugh\_description.rdf Load DATA Save DATA

View

OPM

Fresnel

GSS

Applications

Code Aster

WxMaxima

OpenFoam

EtherPad

Open Modelica

FreeCad

HP Computing

Find Nodes

Value Network / \*

REA

Ripple

CryptoCoin

Edit Triples

node +

edge -

OPM NLP/\*

ontology

Provenance

R&WBase

Production

VRM

BotQueue

I.O.I

Show

```
graph TD; KE[co:Kinetics] ---|poo:hasPart| CE[cmo:Chemical_Engineering]; TH[po:Thermodynamics] ---|poo:hasPart| CE; HT[po:Heat_Transfer] ---|poo:hasPart| CE; MT[po:Mass_Transfer] ---|poo:hasPart| CE; FE[po:Field_Equations] ---|poo:hasPart| CE; PMT[po:Momentum_Transfer] ---|poo:hasPart| CE; NM[mo:Numerical_Methods] ---|poo:partOf| CE; DE[mo:Differential_Equations] ---|poo:partOf| CE; NM ---|poo:partOf| DE; DE ---|poo:partOf| PMT; CE ---|poo:partOf| PMT;
```

Nodes:

- @prefix cmo: <http://example.org/CollegeMajorsOntology.owl>
- Thing
  - Engineering
    - ElectricalEngineering
    - ChemicalEngineering
    - IndustrialEngineering
    - MechanicalEngineering
    - BiomedicalEngineering
    - SystemsEngineering
    - ComputerEngineering
    - SoftwareEngineering
  - Theatre
    - StageCraft

Properties:

- @prefix po: <http://example.org/PhysicsOntology.owl>
- @prefix co: <http://example.org/ChemistryOntology.owl>
- @prefix mo: <http://example.org/MathematicsOntology.owl>

Edges:

- @prefix poo: <http://example.org/PartOf\_ontology.owl>
- Properties
  - :hasPart
    - rdft:type owl:ObjectProperty
    - rdfs:domain Parent\_Item
    - rdfs:range Items
    - :hasPart\_directly
  - :partOf
    - rdft:type owl:ObjectProperty
    - rdfs:domain Parent\_Item
    - rdfs:range Items
    - owl:inverseOf :partOf\_directly
  - :partOf\_directly
    - rdft:type owl:ObjectProperty
    - rdfs:domain Parent\_Item
    - rdfs:range Items
    - rdfs:subPropertyOf :partOf

Class Hierarchy

- Thing
  - Item
    - Parent\_Item

NLP/\* | Edit Triples

Orient By: Load Algorithm for comparison:

Nodes

Edges

Load Ontologies for comparison:

Load Start