

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] --- includes --- CE[cmo:Chemical_Engineering]; CE --- includes --- TD[po:Thermodynamics]; CE --- includes --- HT[po:Heat_Transfer]; CE --- includes --- MT[po:Mass_Transfer]; CE --- includes --- FE[po:Field_Equations]; CE --- includes --- PMT[po:Momentum_Transfer]; CE --- includes --- NM[mo:Numerical_Methods]; CE --- includes --- DE[mo:Differential_Equations]; NM --- includes --- DE;
```

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
 - Apply Property
 - Apply Property for all Edges
 - Best Properties from All Ontologies
 - rdftype owl:ObjectProperty
 - rdfs:domain Parent_Item
 - rdfs:range Items
 - owl:inverseOf :partOf_directly
 - :partOf
 - rdftype owl:ObjectProperty
 - rdfs:domain Parent_Item
 - rdfs:range Items
 - owl:inverseOf :hasPart
 - :partOf_directly
 - rdftype owl:ObjectProperty
 - rdfs:domain Parent_Item
 - rdfs:range Items
 - rdfs:subPropertyOf :partOf
 - Class Hierarchy
- Thing
 - Item
 - Parent_Item