

Enterprise Information System for Peer Production

Protege LDBrowser OB SPARQL Natural Language Query Query History Preferences /process\_control.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
    cmo[cmo:Chemical_Engineering] ---|poo:hasPart| so[so:Process_Control]
    cmo ---|poo:hasPart| co[co:Kinetics]
    cmo ---|poo:hasPart| po[po:Thermodynamics]
    cmo ---|poo:hasPart| po2[po:Heat_Transfer]
    cmo ---|poo:hasPart| po3[po:Mass_Transfer]
    cmo ---|poo:hasPart| po4[po:Field_Equations]
    cmo ---|poo:hasPart| po5[po:Momentum_Transfer]
    cmo ---|poo:hasPart| mo[mo:Numerical_Methods]
    cmo ---|poo:hasPart| mo2[mo:Differential_Equations]
    cmo ---|poo:hasPart| so2[so:Real-Time_Optimization]
    cmo ---|poo:hasPart| so3[so:Feedback_Control]
    cmo ---|poo:hasPart| so4[so:PID_control]
    cmo ---|poo:hasPart| so5[so:Multiloop / Multivariable Control]
    cmo ---|poo:hasPart| so6[so:Feedforward_Control]
    so ---|poo:hasPart| so7[so:Feedforward_Control]
    so ---|poo:hasPart| so8[so:PID_control]
    so ---|poo:hasPart| so9[so:Multiloop / Multivariable Control]
    so ---|poo:hasPart| so10[so:Real-Time_Optimization]
    so ---|poo:hasPart| so11[so:Feedback_Control]
    mo ---|poo:partOf| mo2
    mo ---|poo:partOf| po4
    mo ---|poo:partOf| po5
    mo2 ---|poo:partOf| po4
    mo2 ---|poo:partOf| po5
```

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
    - rdf:type owl:ObjectProperty
    - rdfs:domain Parent\_Item
    - rdfs:range Items
    - :hasPart\_directly
  - :partOf
    - rdf:type owl:ObjectProperty
    - rdfs:domain Parent\_Item
    - rdfs:range Items
    - owl:inverseOf :partOf\_directly
  - :partOf\_directly
    - rdf:type owl:ObjectProperty
    - rdfs:domain Parent\_Item
    - rdfs:range Items
    - rdfs:subPropertyOf :partOf
- Class Hierarchy
  - Thing
    - Item
      - Parent\_Item

Ontology

LOCAL SELECT Search Box SEARCH

http://www.example.org/PhysicsOntology.owl  
http://www.example.org/ChemistryOntology.owl  
http://example.org/MathematicsOntology.owl  
http://www.example.org/PartOf\_ontology.owl  
http://www.example.org/CollegeMajorsOntology.owl  
http://www.example.org/SpecialtyOntology.owl