TBox USD Layer SOMA Ontology class " class SOMA namespace" (<!-- http://www.ease-crc.org/ont/SOMA.owl#KitchenCabinet --> prepend apiSchemas = ["RdfAPI"] string rdf:namespace = "http://www.ease-crc.org/ont/SOMA.owl#" <owl:Class rdf:about="http://www.ease-crc.org/ont/SOMA.owl#KitchenCabinet"> translate <rdfs:subClassOf rdf:resource="http://www.ease-crc.org/ont/SOMA.owl#Cupboard"/> def "SOMA" <rdfs:comment>A cupboard designed to be used in kitchen environments.</rdfs:comment> class " class KitchenCabinet" (prepend apiSchemas = ["RdfAPI"] </owl:Class> prepend inherits = class SOMA namespace> string rdf:conceptName = "KitchenCabinet"

semantic tagging

```
def Xform "cabinet2" {
    prepend apiSchemas = ["SemanticTagAPI"] }
}

{
    prepend rel semanticTag:semanticLabels = [</SOMA/ class kitchenCabinet>]
    matrix4d xform0p:transform = ( 1.1 .1.246467991473532e-16, 0, 0), (-1.2246467991473532e-16, -1, 0, 0), (0, 0, 0)
    uniform token[] xform0pOtder = ["xform0p:transform"]

def Xform "cabinet2 visual 0" {
        prepend references = 0./apartment/usd/meshes/visual/SM Kitchen_02_Base.usda@</SM_Kitchen_02_Base>)
    }
}

{
    matrix4d xform0p:transform = ( (1, 0, 0, 0), (0, 1, 0, 0), (0, 0, 1, 0), (0, 0, 0, 1) )
    uniform token[] xform0pOrder = ["xform0p:transform"]
```

-dul.hasdualty rdf:resource="http://aww.ontologydesiappatterns.org/ont/dul/Dul.oukrabinet2_xformOpOrder"/>
-dul.hasdualty rdf:resource="http://aww.ontologydesiappatterns.org/ont/dul/Dul.oukrabinet2_xformOp transform"/>
crdf:type=
-ouk:Restriction=
-ouk:Restrict

<USD:Prim rdf:about="https://ease-crc.org/ont/USD.owl#cabinet2">

c/USD:Prim>

<rdf:type rdf:resource="http://www.w3.org/2002/07/owl@NamedIndividual"/>

<rdf:type rdf:resource="http://www.ease-crc.org/ont/SOMA.owl#KitchenCabinet"/>

<DUL:hasPart rdf:resource="https://ease-crc.org/ont/USD.owl#cabinet2 shelf"/>
<DUL:hasPart rdf:resource="https://ease-crc.org/ont/USD.owl#cabinet2 drawer1 joint"/>

<DUL:hasPart rdf:resource="https://ease-crc.org/ont/USD.owl#cabinet2 drawer2 joint"/>

Semantic USD Scene Graph

Knowledge Graph