

myfoo_barchart.xml .svg Copyrighted material
Example of spatially related SVG components and metadata

```
<?xml version="1.0" standalone="no"?>
<!DOCTYPE svg PUBLIC "-//W3C//DTD SVG 1.0//EN"
"http://www.w3.org/TR/2001/REC-SVG-
20010904/DTD/svg10.dtd">
<!--Copyright 2010 David Dodds All Rights Reserved code copyright
owner-->
<svg xmlns:xlink="http://www.w3.org/1999/xlink"
xmlns="http://www.w3.org/2000/svg">
<desc id="desc1" xmlns:myfoo="http://www.open-meta.com/myfoo">
<myfoo:title>This is a financial report. Mean High Ratings August
2007.</myfoo:title>
<myfoo:descr>The global description uses markup from the
<myfoo:emph>open-meta myfoo</myfoo:emph>namespace, and
<myfoo:conceptualmetaphor>GOOD IS UP</myfoo:conceptualmetaphor>.
</myfoo:descr>
<myfoo:scene> <!--myfoo scene graph data structure, used with PCS, and
SVG metaprogram-->
<myfoo:what>widget growth bar graph</myfoo:what>
<myfoo:contains>
<myfoo:object name="objectgroup1" count="13">graph-bar</myfoo:object>
<myfoo:object name="objectgroup2" count="2">end-line</myfoo:object>
<myfoo:object name="object3" count="1">x-axis label</myfoo:object>
<myfoo:object name="object4" count="1">title</myfoo:object>
<myfoo:object name="object5" count="1">UP-symbol</myfoo:object>
<myfoo:object name="object6" count="1">DOWN-symbol</myfoo:object>
<myfoo:descset name="objectgroup1" index="1">colour:green
height:40</myfoo:descset>
<myfoo:descset name="objectgroup1" index="2">colour:yellow
height:60</myfoo:descset>
<myfoo:descset name="objectgroup1" index="3">colour:orange
height:89</myfoo:descset>
<myfoo:descset name="objectgroup1" index="4">colour:yellow
height:70</myfoo:descset>
<myfoo:descset name="objectgroup1" index="5">colour:ltgreen
height:27</myfoo:descset>
<myfoo:descset name="objectgroup1" index="6">colour:green
height:09</myfoo:descset>
<myfoo:descset name="objectgroup1" index="7">colour:yellow
height:60</myfoo:descset>
<myfoo:descset name="objectgroup1" index="8">colour:green
height:33</myfoo:descset>
<myfoo:descset name="objectgroup1" index="9">colour:green
height:25</myfoo:descset>
<myfoo:descset name="objectgroup1" index="10">colour:yellow
height:71</myfoo:descset>
<myfoo:descset name="objectgroup1" index="11">colour:green
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height:50</myfoo:descset>
<myfoo:descset name="objectgroup1" index="12">colour:yellow
height:61</myfoo:descset>
<myfoo:descset name="objectgroup1" index="13">colour:yellow
height:75</myfoo:descset>
<myfoo:descset name="objectgroup1"
index="common">width:20</myfoo:descset>
<myfoo:descset name="objectgroup2"
index="common">height:104</myfoo:descset>
<myfoo:descset
name="object3">value:95969798990001020304050607</myfoo:descset>
<myfoo:descset name="object4">value:Mean High Ratings August
2007</myfoo:descset>
<myfoo:descset name="object5">value:SVG y-axis
value="0"</myfoo:descset>
<myfoo:descset name="object6">value:SVG y-axis
value="max.y"</myfoo:descset>
</myfoo:contains>
<myfoo:when>1995 through 2007</myfoo:when>
<myfoo:analysis>Program performed analysis: starting mid-90's upward trend of widget growth. Late
90's downward trend,
with steep decline at end of decade. Much of 2000s with substantial
variability, later in decade
upward trend to near record (in '97) growth.
</myfoo:analysis>
</myfoo:scene>
</desc>
<metadata id="metadata1" xmlns:rdfs="http://www.w3.org/TR/. ..-schema#"
xmlns:omcsvg="http://www.open-meta.com/omcschema/"
xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#">
<rdf:RDF
xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
xmlns:owl="http://www.w3.org/2002/07/owl#"
xmlns:xsd="http://www.w3.org/2001/XMLSchema#"
xmlns:rdfs="http://www.w3.org/2000/01/rdf-schema#"
xmlns:numeric="http://sweet.jpl.nasa.gov/ontology/numeric.owl#"
xmlns:earthrealm="http://sweet.jpl.nasa.gov/ontology/earthrealm.owl#"
xmlns:property="http://sweet.jpl.nasa.gov/ontology/property.owl#"
xmlns:units="http://sweet.jpl.nasa.gov/ontology/units.owl#"
xmlns:time="http://sweet.jpl.nasa.gov/ontology/time.owl#"
xmlns="http://sweet.jpl.nasa.gov/ontology/space.owl#">
<owl:Ontology rdf:about="">
<!--
<dc:title>
Space</dc:title>
<dc:date>
1/27/2004 3:14:58 PM</dc:date>
<dc:creator>
SWEET project</dc:creator>
```

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<dc:description>
</dc:description>
<dc:subject>
Space ontology</dc:subject>
-->
<owl:versionInfo>
1.0</owl:versionInfo>
<owl:imports rdf:resource="http://sweet.jpl.nasa.gov/ontology/property.owl"/>
<owl:imports rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl"/>
<owl:imports rdf:resource="http://sweet.jpl.nasa.gov/ontology/earthrealm.owl"/>
<owl:imports rdf:resource="http://sweet.jpl.nasa.gov/ontology/units.owl"/>
</owl:Ontology>
<owl:Class rdf:about="http://www.w3.org/2002/07/owl#Thing"/>
<owl:Class rdf:ID="XCoordinate">
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="#hasDirection"/>
<owl:allValuesFrom rdf:resource="#East"/>
</owl:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf rdf:resource="#HorizontalCoordinate"/>
</owl:Class>
<owl:Class rdf:about="http://sweet.jpl.nasa.gov/ontology/numerics.owl#Coordinate">
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="#hasDirection"/>
<owl:allValuesFrom rdf:resource="#Direction"/>
</owl:Restriction>
</rdfs:subClassOf>
</owl:Class>
<owl:Class rdf:ID="East">
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-ns#_1"/>
<owl:hasValue rdf:resource="#coordinate_div1"/>
</owl:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-ns#_2"/>
<owl:hasValue rdf:resource="#coordinate_0"/>
</owl:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-ns#_3"/>
<owl:hasValue rdf:resource="#coordinate_0"/>
</owl:Restriction>
</rdfs:subClassOf>
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<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="#hasDirection"/>
<owl:allValuesFrom rdf:resource="#North"/>
</owl:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf rdf:resource="#HorizontalCoordinate"/>
</owl:Class>
<owl:Class rdf:ID="North">
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-ns#_1"/>
<owl:hasValue rdf:resource="#coordinate_0"/>
</owl:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-ns#_2"/>
<owl:hasValue rdf:resource="#coordinate_0"/>
</owl:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-ns#_3"/>
<owl:hasValue rdf:resource="#coordinate_1"/>
</owl:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf rdf:resource="#Direction"/>
</owl:Class>
<owl:Class rdf:ID="Downward">
<owl:equivalentClass rdf:resource="#Down"/>
</owl:Class>
<owl:Class rdf:ID="Direction">
<rdfs:subClassOf rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#Vector_3D"/>
</owl:Class>
<owl:Class rdf:ID="Bearing">
<owl:equivalentClass rdf:resource="#Direction"/>
</owl:Class>
<owl:Class rdf:about="http://sweet.jpl.nasa.gov/ontology/numerics.owl#Sphere">
<rdfs:subClassOf
rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#GeometricalObject_3D"/>
</owl:Class>
<owl:Class rdf:ID="Up">
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-ns#_1"/>
<owl:hasValue rdf:resource="#coordinate_0"/>
</owl:Restriction>
</rdfs:subClassOf>

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<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-ns#_2"/>
<owl:hasValue rdf:resource="#coordinate_0"/>
</owl:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-ns#_3"/>
<owl:hasValue rdf:resource="#coordinate_1"/>
</owl:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf rdf:resource="#Direction"/>
</owl:Class>
<owl:Class rdf:ID="Arc">
<rdfs:subClassOf
rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#GeometricalObject_1D"/>
</owl:Class>
<owl:Class rdf:about="http://sweet.jpl.nasa.gov/ontology/property.owl#SpatialExtent">
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#hasValue"/>
<owl:allValuesFrom rdf:resource="http://www.w3.org/2001/XMLSchema#string"/>
</owl:Restriction>
</rdfs:subClassOf>
</owl:Class>
<owl:Class rdf:ID="AdministrativeRegion">
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#isPartOf"/>
<owl:someValuesFrom
rdf:resource="http://sweet.jpl.nasa.gov/ontology/earthrealm.owl#PlanetEarth"/>
</owl:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf rdf:resource="#Region"/>
</owl:Class>
<owl:Class rdf:ID="Region">
  <rdfs:subClassOf rdf:resource="#SpatialObject"/>
  <rdfs:subClassOf
rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#GeometricalObject_2D"/>
</owl:Class>
<owl:Class rdf:ID="PoliticalDivision">
<owl:equivalentClass rdf:resource="#AdministrativeBoundary"/>
</owl:Class>
<owl:Class rdf:ID="AdministrativeBoundary">
<rdfs:subClassOf rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#Boundary"/>
</owl:Class>
<owl:Class rdf:ID="Barrier">
<rdfs:subClassOf rdf:resource="#SpatialObject"/>

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</owl:Class>
<owl:Class rdf:ID="Obstruction">
<rdfs:subClassOf rdf:resource="#Barrier"/>
</owl:Class>
<owl:Class rdf:ID="Profile"/>
<owl:Class rdf:ID="Inclination"/>
<owl:Class rdf:ID="Location">
</owl:Class>
<owl:Class rdf:about="http://sweet.jpl.nasa.gov/ontology/numerics.owl#Boundary">
<rdfs:subClassOf
rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#GeometricalObject"/>
</owl:Class>
<owl:Class rdf:ID="CartesianCoordinates">
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="#hasAssociatedCoordinateSystem"/>
<owl:allValuesFrom rdf:resource="#CartesianCoordinateSystem"/>
</owl:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-ns#_1"/>
<owl:allValuesFrom rdf:resource="#XCoordinate"/>
</owl:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-ns#_2"/>
<owl:allValuesFrom rdf:resource="#YCoordinate"/>
</owl:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-ns#_3"/>
<owl:allValuesFrom rdf:resource="#ZCoordinate"/>
</owl:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#Coordinates"/>
</owl:Class>
<owl:Class rdf:ID="ZCoordinate">
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="#hasDirection"/>
<owl:allValuesFrom rdf:resource="#Up"/>
</owl:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf rdf:resource="#VerticalCoordinate"/>
</owl:Class>
<owl:Class rdf:ID="HorizontalCoordinate">
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<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="#hasNormal"/>
<owl:allValuesFrom rdf:resource="#Up"/>
</owl:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#Coordinate"/>
</owl:Class>
<owl:Class rdf:about="http://sweet.jpl.nasa.gov/ontology/numerics.owl#Surface">
<rdfs:subClassOf
rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#GeometricalObject_2D"/>
</owl:Class>
<owl:Class rdf:about="http://sweet.jpl.nasa.gov/ontology/numerics.owl#GeometricalObject_2D">
<rdfs:subClassOf
rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#GeometricalObject"/>
</owl:Class>
<owl:Class rdf:ID="Latitude">
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="#hasDirection"/>
<owl:allValuesFrom rdf:resource="#North"/>
</owl:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf rdf:resource="#HorizontalCoordinate"/>
</owl:Class>
<owl:Class rdf:ID="Axis">
<owl:equivalentClass rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#Coordinate"/>
</owl:Class>
<owl:Class rdf:ID="Base">
<owl:equivalentClass rdf:resource="#Bottom"/>
</owl:Class>
<owl:Class rdf:ID="Bottom">
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="#hasDirection"/>
<owl:allValuesFrom rdf:resource="#Down"/>
</owl:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#Maximum"/>
</owl:Class>
<owl:Class rdf:ID="Body">
<rdfs:subClassOf rdf:resource="#SpatialObject"/>
</owl:Class>
<owl:Class rdf:ID="City">
<rdfs:subClassOf rdf:resource="#AdministrativeRegion"/>
</owl:Class>
<owl:Class rdf:ID="BoundingBox">
  <rdfs:subClassOf rdf:resource="#Region"/>
</owl:Class>
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<owl:Class rdf:ID="LatLonBox">
  <rdfs:subClassOf rdf:resource="#BoundingBox"/>
  <rdfs:subClassOf>
    <owl:Restriction>
      <owl:onProperty rdf:resource="#hasAssociatedCoordinateSystem"/>
      <owl:allValuesFrom rdf:resource="#GeographicCoordinateSystem"/>
    </owl:Restriction>
  </rdfs:subClassOf>
  <rdfs:subClassOf>
    <owl:Restriction>
      <owl:onProperty rdf:resource="#hasLatitudeInterval"/>
      <owl:minCardinality>1</owl:minCardinality>
    </owl:Restriction>
  </rdfs:subClassOf>
  <rdfs:subClassOf>
    <owl:Restriction>
      <owl:onProperty rdf:resource="#hasLongitudeInterval"/>
      <owl:minCardinality>1</owl:minCardinality>
    </owl:Restriction>
  </rdfs:subClassOf>
</owl:Class>
<owl:Class rdf:ID="Edge">
<owl:equivalentClass rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#Boundary"/>
</owl:Class>
<owl:Class rdf:ID="Grid"/>
<owl:Class rdf:ID="West">
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-ns#_1"/>
<owl:hasValue rdf:resource="#coordinate_1"/>
</owl:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-ns#_2"/>
<owl:hasValue rdf:resource="#coordinate_0"/>
</owl:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-ns#_3"/>
<owl:hasValue rdf:resource="#coordinate_0"/>
</owl:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf rdf:resource="#Direction"/>
</owl:Class>
<owl:Class rdf:ID="Zone">
<owl:equivalentClass rdf:resource="#Region"/>
</owl:Class>

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<owl:Class rdf:about="http://sweet.jpl.nasa.gov/ontology/numerics.owl#GeometricalObject_1D">
<rdfs:subClassOf
rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#GeometricalObject"/>
</owl:Class>
<owl:Class rdf:about="http://sweet.jpl.nasa.gov/ontology/numerics.owl#GeometricalObject_3D">
<rdfs:subClassOf
rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#GeometricalObject"/>
</owl:Class>
<owl:Class rdf:ID="Country">
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#isPartOf"/>
<owl:allValuesFrom rdf:resource="http://sweet.jpl.nasa.gov/ontology/earthrealm.owl#Continent"/>
</owl:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf rdf:resource="#AdministrativeRegion"/>
</owl:Class>
<owl:Class rdf:ID="Southward">
<owl:equivalentClass rdf:resource="#South"/>
</owl:Class>
<owl:Class rdf:ID="South">
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-ns#_1"/>
<owl:hasValue rdf:resource="#coordinate_0"/>
</owl:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-ns#_2"/>
<owl:hasValue rdf:resource="#coordinate_0"/>
</owl:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-ns#_3"/>
<owl:hasValue rdf:resource="#coordinate_div1"/>
</owl:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf rdf:resource="#Direction"/>
</owl:Class>
<owl:Class rdf:ID="Center">
<rdfs:subClassOf rdf:resource="#Direction"/>
</owl:Class>
<owl:Class rdf:ID="Azimuth">
<rdfs:subClassOf rdf:resource="#Direction"/>
</owl:Class>
<owl:Class rdf:ID="County">
<rdfs:subClassOf>
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```
<owl:Restriction>
<owl:onProperty rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#isPartOf"/>
<owl:allValuesFrom rdf:resource="#State"/>
</owl:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf rdf:resource="#AdministrativeRegion"/>
</owl:Class>
<owl:Class rdf:ID="State">
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#isPartOf"/>
<owl:allValuesFrom rdf:resource="#Country"/>
</owl:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf rdf:resource="#AdministrativeRegion"/>
</owl:Class>
<owl:Class rdf:ID="Floor">
<owl:equivalentClass rdf:resource="#Bottom"/>
</owl:Class>
<owl:Class rdf:ID="Geoid">
<rdfs:subClassOf rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#Surface"/>
</owl:Class>
<owl:Class rdf:ID="Layer">
<rdfs:subClassOf
rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#GeometricalObject_3D"/>
</owl:Class>
<owl:Class rdf:ID="Level">
<owl:equivalentClass rdf:resource="#VerticalCoordinate"/>
</owl:Class>
<owl:Class rdf:ID="Orbit">
<rdfs:subClassOf rdf:resource="#SpatialObject"/>
</owl:Class>
<owl:Class rdf:ID="Sigma">
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="#hasDirection"/>
<owl:allValuesFrom rdf:resource="#Up"/>
</owl:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf rdf:resource="#VerticalCoordinate"/>
</owl:Class>
<owl:Class rdf:ID="Slope">
<rdfs:subClassOf rdf:resource="#SpatialObject"/>
</owl:Class>
<owl:Class rdf:ID="Upper"/>
<owl:Class rdf:ID="Horizon">
<owl:equivalentClass rdf:resource="#Profile"/>
</owl:Class>
<owl:Class rdf:ID="VerticalProfile">
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<rdfs:subClassOf rdf:resource="#Profile"/>
</owl:Class>
<owl:Class rdf:ID="Stratigraphy">
<rdfs:subClassOf rdf:resource="#VerticalProfile"/>
</owl:Class>
<owl:Class rdf:ID="StratigraphicSequence">
<rdfs:subClassOf rdf:resource="#Stratigraphy"/>
</owl:Class>
<owl:Class rdf:ID="SpatialScale"/>
<SpatialScale rdf:ID="Mesoscale">
  <numerics:hasLowerBound
rdf:datatype="http://www.w3.org/2001/XMLSchema#double">100</numerics:hasLowerBound>
  <numerics:hasUpperBound
rdf:datatype="http://www.w3.org/2001/XMLSchema#double">1000</numerics:hasUpperBound>
  <numerics:hasUnit rdf:resource="#kilo_meter"/>
</SpatialScale>
<SpatialScale rdf:ID="SynopticScale">
  <numerics:hasLowerBound
rdf:datatype="http://www.w3.org/2001/XMLSchema#double">1000</numerics:hasLowerBound>
  <numerics:hasUpperBound
rdf:datatype="http://www.w3.org/2001/XMLSchema#double">2500</numerics:hasUpperBound>
  <numerics:hasUnit rdf:resource="#kilo_meter"/>
</SpatialScale>
<owl:Class rdf:ID="Province">
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#isPartOf"/>
<owl:allValuesFrom rdf:resource="#Country"/>
</owl:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf rdf:resource="#AdministrativeRegion"/>
</owl:Class>
<owl:Class rdf:ID="Top">
<owl:equivalentClass>
<owl:Class>
<owl:intersectionOf rdf:parseType="Collection">
<owl:Restriction>
<owl:onProperty rdf:resource="#hasDirection"/>
<owl:allValuesFrom rdf:resource="#Up"/>
</owl:Restriction>
</owl:intersectionOf>
</owl:Class>
</owl:equivalentClass>
</owl:Class>
<owl:Class rdf:ID="Eastward">
<owl:equivalentClass rdf:resource="#East"/>
</owl:Class>
<owl:Class rdf:ID="Upward">
<owl:equivalentClass rdf:resource="#Up"/>

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</owl:Class>
<owl:Class rdf:ID="Meridian">
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="#hasDirection"/>
<owl:allValuesFrom rdf:resource="#North"/>
</owl:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf rdf:resource="#Arc"/>
</owl:Class>
<owl:Class rdf:ID="UpperLevel">
<rdfs:subClassOf rdf:resource="#Level"/>
</owl:Class>
<owl:Class rdf:ID="Westward">
<owl:equivalentClass rdf:resource="#West"/>
</owl:Class>
<owl:Class rdf:ID="Outgoing">
<rdfs:subClassOf rdf:resource="#Direction"/>
</owl:Class>
<owl:Class rdf:ID="Incoming">
<rdfs:subClassOf rdf:resource="#Direction"/>
</owl:Class>
<owl:Class rdf:ID="R-Coordinate">
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="#hasDirection"/>
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</rdfs:subClassOf>
<rdfs:subClassOf rdf:resource="#HorizontalCoordinate"/>
</owl:Class>
<owl:Class rdf:ID="Outside">
<rdfs:subClassOf rdf:resource="#Direction"/>
</owl:Class>
<owl:Class rdf:ID="S-Coordinate">
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="#hasDirection"/>
<owl:allValuesFrom rdf:resource="#Up"/>
</owl:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf rdf:resource="#VerticalCoordinate"/>
</owl:Class>
<owl:Class rdf:ID="Longitude">
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="#hasDirection"/>
<owl:allValuesFrom rdf:resource="#East"/>
</owl:Restriction>
```

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</rdfs:subClassOf>
<rdfs:subClassOf rdf:resource="#HorizontalCoordinate"/>
</owl:Class>
<owl:Class rdf:ID="AdministrativeDivision">
<owl:equivalentClass rdf:resource="#AdministrativeBoundary"/>
</owl:Class>
<owl:Class rdf:ID="Position">
<owl:equivalentClass rdf:resource="#Location"/>
</owl:Class>
<owl:Class rdf:ID="SeaLevel">
<rdfs:subClassOf rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#Surface"/>
</owl:Class>
<owl:Class rdf:ID="Northward">
<owl:equivalentClass rdf:resource="#North"/>
</owl:Class>
<owl:Class rdf:ID="SpatialReferenceSystem"/>
<owl:Class rdf:ID="GeographicalCoordinates">
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="#hasAssociatedCoordinateSystem"/>
<owl:allValuesFrom rdf:resource="#GeographicCoordinateSystem"/>
</owl:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-ns#_1"/>
<owl:allValuesFrom rdf:resource="#Longitude"/>
</owl:Restriction>
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<rdfs:subClassOf>
<owl:Restriction>
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</owl:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#Coordinates"/>
</owl:Class>
<owl:Class rdf:about="http://sweet.jpl.nasa.gov/ontology/numerics.owl#Polygon">
<rdfs:subClassOf
rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#GeometricalObject_2D"/>
</owl:Class>
<owl:Class rdf:ID="UniversalTraverseMercatorCoordinates">
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="#hasAssociatedCoordinateSystem"/>
<owl:allValuesFrom rdf:resource="#TraverseMercator"/>
</owl:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#Coordinates"/>
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</owl:Class>
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</owl:Class>
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<rdfs:subClassOf rdf:resource="#GeographicCoordinateSystem"/>
</owl:Class>
<owl:Class rdf:ID="Attitude">
<rdfs:subClassOf rdf:resource="#Direction"/>
</owl:Class>
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<rdfs:subClassOf rdf:resource="#Direction"/>
</owl:Class>
<owl:Class rdf:ID="Declination">
<rdfs:subClassOf rdf:resource="#Direction"/>
</owl:Class>
<owl:Class rdf:ID="RightAscension">
<rdfs:subClassOf rdf:resource="#Direction"/>
</owl:Class>
<owl:Class rdf:ID="Relief">
<rdfs:subClassOf rdf:resource="#SpatialObject"/>
</owl:Class>
<owl:Class rdf:ID="Projection">
<rdfs:subClassOf rdf:resource="#SpatialObject"/>
</owl:Class>
<owl:Class rdf:ID="Shadow">
<rdfs:subClassOf rdf:resource="#Projection"/>
</owl:Class>
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</owl:Class>
<owl:Class rdf:ID="LocalCoordinateSystem">
<rdfs:subClassOf rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#CoordinateSystem"/>
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</owl:Class>
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</owl:Class>
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<owl:Class rdf:ID="TraverseMercator">
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</owl:Class>
<owl:Class rdf:ID="GeoReferenceInformation"/>
<owl:Class rdf:ID="HybridHeight">
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</owl:Class>
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  <rdfs:subClassOf rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#Interval"/>
  <rdfs:subClassOf>
    <owl:Restriction>
      <owl:onProperty rdf:resource="#hasDirection"/>
      <owl:allValuesFrom rdf:resource="#North"/>
    </owl:Restriction>
  </rdfs:subClassOf>
</owl:Class>
<owl:Class rdf:ID="LongitudeInterval">
  <rdfs:subClassOf rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#Interval"/>
  <rdfs:subClassOf>
    <owl:Restriction>
      <owl:onProperty rdf:resource="#hasDirection"/>
      <owl:allValuesFrom rdf:resource="#East"/>
    </owl:Restriction>
  </rdfs:subClassOf>
</owl:Class>
<owl:Class rdf:ID="AlbersConicalEqualArea">
<rdfs:subClassOf rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#CoordinateSystem"/>
</owl:Class>
<owl:Class rdf:ID="AzimuthalEquidistant">
<rdfs:subClassOf rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#CoordinateSystem"/>
</owl:Class>
<owl:Class rdf:ID="EquidistantConic">
<rdfs:subClassOf rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#CoordinateSystem"/>
</owl:Class>
<owl:Class rdf:ID="Equirectangular">
<rdfs:subClassOf rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#CoordinateSystem"/>
</owl:Class>
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<rdfs:subClassOf rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#CoordinateSystem"/>
</owl:Class>
<owl:Class rdf:ID="Gnomic">
<rdfs:subClassOf rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#CoordinateSystem"/>
</owl:Class>
<owl:Class rdf:ID="TransverseMercator">
<rdfs:subClassOf rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#CoordinateSystem"/>
</owl:Class>
<owl:Class rdf:ID="LambertAzimuthalEqualArea">
<rdfs:subClassOf rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#CoordinateSystem"/>
</owl:Class>
<owl:Class rdf:ID="RotatedLatitudeLongitude">
<rdfs:subClassOf rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#CoordinateSystem"/>
</owl:Class>
<owl:Class rdf:ID="LambertConformalConic">
<rdfs:subClassOf rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#CoordinateSystem"/>
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<owl:Class rdf:ID="Mercator">
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<rdfs:subClassOf rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#CoordinateSystem"/>
</owl:Class>
<owl:Class rdf:ID="ModifiedStereographic">
<rdfs:subClassOf rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#CoordinateSystem"/>
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<owl:Class rdf:ID="ObliqueMercator">
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</owl:Class>
<owl:Class rdf:ID="PolarStereographic">
<rdfs:subClassOf rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#CoordinateSystem"/>
</owl:Class>
<owl:Class rdf:ID="Polyconic">
<rdfs:subClassOf rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#CoordinateSystem"/>
</owl:Class>
<owl:Class rdf:ID="Robinson">
<rdfs:subClassOf rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#CoordinateSystem"/>
</owl:Class>
<owl:Class rdf:ID="Sinusoidal">
<rdfs:subClassOf rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#CoordinateSystem"/>
</owl:Class>
<owl:Class rdf:ID="SpaceObliqueMercator">
<rdfs:subClassOf rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#CoordinateSystem"/>
</owl:Class>
<owl:Class rdf:ID="Stereographic">
<rdfs:subClassOf rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#CoordinateSystem"/>
</owl:Class>
<owl:Class rdf:ID="UniversalTraverseMercator">
<rdfs:subClassOf rdf:resource="#TraverseMercator"/>
</owl:Class>
<owl:Class rdf:ID="VanDeGrinten">
<rdfs:subClassOf rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#CoordinateSystem"/>
</owl:Class>
<owl:Class rdf:about="http://sweet.jpl.nasa.gov/ontology/units.owl#SimpleUnit">
<rdfs:subClassOf rdf:resource="http://sweet.jpl.nasa.gov/ontology/units.owl#DerivedUnit"/>
</owl:Class>
<owl:Class rdf:ID="Radial">
<rdfs:subClassOf rdf:resource="#Direction"/>
</owl:Class>
<owl:Class rdf:ID="SpatialExtentCategory">
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="#hasAssociatedQuantity"/>
<owl:allValuesFrom rdf:resource="http://sweet.jpl.nasa.gov/ontology/property.owl#SpatialExtent"/>
</owl:Restriction>
</rdfs:subClassOf>
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</owl:Class>
<owl:Class rdf:ID="Big">
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="#hasAssociatedQuantity"/>
<owl:allValuesFrom rdf:resource="http://sweet.jpl.nasa.gov/ontology/property.owl#Size"/>
</owl:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf rdf:resource="#SizeCategory"/>
</owl:Class>
<owl:Class rdf:ID="Small">
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="#hasAssociatedQuantity"/>
<owl:allValuesFrom rdf:resource="http://sweet.jpl.nasa.gov/ontology/property.owl#Size"/>
</owl:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf rdf:resource="#SizeCategory"/>
</owl:Class>
<owl:Class rdf:ID="Shallow">
<rdfs:subClassOf rdf:resource="#DepthCategory"/>
</owl:Class>
<owl:Class rdf:ID="Deep">
<rdfs:subClassOf rdf:resource="#DepthCategory"/>
</owl:Class>
<owl:Class rdf:ID="Vicinity">
<rdfs:subClassOf rdf:resource="#DistanceCategory"/>
</owl:Class>
<owl:Class rdf:ID="SizeCategory">
<rdfs:subClassOf rdf:resource="#SpatialExtentCategory"/>
</owl:Class>
<owl:Class rdf:ID="DepthCategory">
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="#hasAssociatedQuantity"/>
<owl:allValuesFrom rdf:resource="http://sweet.jpl.nasa.gov/ontology/property.owl#Depth"/>
</owl:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf rdf:resource="#SpatialExtentCategory"/>
</owl:Class>
<owl:Class rdf:ID="DistanceCategory">
<rdfs:subClassOf>
<owl:Restriction>
<owl:onProperty rdf:resource="#hasAssociatedQuantity"/>
<owl:allValuesFrom rdf:resource="http://sweet.jpl.nasa.gov/ontology/property.owl#Distance"/>
</owl:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf rdf:resource="#SpatialExtentCategory"/>
</owl:Class>
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<owl:Class rdf:ID="SpatialDistribution"/>
<owl:Class rdf:ID="Overcast">
<rdfs:subClassOf rdf:resource="#SpatialDistribution"/>
</owl:Class>
<owl:Class rdf:ID="Broken">
<rdfs:subClassOf rdf:resource="#SpatialDistribution"/>
</owl:Class>
<owl:Class rdf:ID="Patch">
<rdfs:subClassOf rdf:resource="#SpatialDistribution"/>
</owl:Class>
<owl:DatatypeProperty rdf:about="http://sweet.jpl.nasa.gov/ontology/numerics.owl#hasValue">
<rdf:type rdf:resource="http://www.w3.org/2002/07/owl#FunctionalProperty"/>
</owl:DatatypeProperty>
<owl:ObjectProperty rdf:ID="hasDirection">
<rdfs:range rdf:resource="#Direction"/>
</owl:ObjectProperty>
<owl:ObjectProperty rdf:ID="above">
<rdfs:domain rdf:resource="#VerticalCoordinate"/>
<rdfs:range rdf:resource="#VerticalCoordinate"/>
<rdfs:subPropertyOf rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#greaterThan"/>
</owl:ObjectProperty>
<owl:ObjectProperty rdf:ID="below">
<owl:inverseOf rdf:resource="#above"/>
<rdfs:domain rdf:resource="#VerticalCoordinate"/>
<rdfs:range rdf:resource="#VerticalCoordinate"/>
<rdfs:subPropertyOf rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#lessThan"/>
</owl:ObjectProperty>
<owl:ObjectProperty rdf:ID="isLayerLowerBoundaryOf"/>
<owl:ObjectProperty rdf:ID="isLayerUpperBoundaryOf"/>
<owl:ObjectProperty rdf:ID="under">
<rdfs:subPropertyOf rdf:resource="#below"/>
</owl:ObjectProperty>
<owl:ObjectProperty rdf:ID="outside"/>
<owl:ObjectProperty rdf:ID="hasComponent"/>
<owl:ObjectProperty rdf:ID="hasLocation">
<rdfs:range rdf:resource="#Location"/>
</owl:ObjectProperty>
<owl:ObjectProperty rdf:ID="contains"/>
<owl:ObjectProperty rdf:ID="hasBoundary"/>
<owl:ObjectProperty rdf:ID="inside">
<rdfs:domain rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#GeometricalObject"/>
<rdfs:range rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#GeometricalObject"/>
<rdfs:subPropertyOf rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#greaterThan"/>
</owl:ObjectProperty>
<owl:ObjectProperty rdf:ID="adjacentTo"/>
<owl:ObjectProperty rdf:ID="hasPart">
<owl:inverseOf rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#isPartOf"/>
</owl:ObjectProperty>
<owl:ObjectProperty rdf:ID="hasCapital">
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</owl:ObjectProperty>
<owl:ObjectProperty rdf:ID="eastOf">
<rdfs:domain rdf:resource="#HorizontalCoordinate"/>
<rdfs:range rdf:resource="#HorizontalCoordinate"/>
<rdfs:subPropertyOf rdf:resource="http://sweet.jpl.nasa.gov/ontology/numerics.owl#greaterThan"/>
</owl:ObjectProperty>
<owl:ObjectProperty rdf:about="http://www.w3.org/1999/02/22-rdf-syntax-ns#_1"/>
<owl:ObjectProperty rdf:about="http://www.w3.org/1999/02/22-rdf-syntax-ns#_2"/>
<owl:ObjectProperty rdf:about="http://www.w3.org/1999/02/22-rdf-syntax-ns#_3"/>
<owl:ObjectProperty rdf:about="http://www.w3.org/1999/02/22-rdf-syntax-ns#_4"/>
<numerics:Coordinate rdf:ID="coordinate_0"/>
<numerics:Coordinate rdf:ID="coordinate_1"/>
<numerics:Coordinate rdf:ID="coordinate_div1"/>
<units:Unit rdf:ID="kilo_meter"/>
<units:SimpleUnit rdf:about="http://sweet.jpl.nasa.gov/ontology/units.owl#kilo_meter"/>
<!--orig lt /rdf:RDF gt -->
<rdf:Description about="#text1">
<omcsvg:Below resource="#xbaseline"/>
</rdf:Description>
<rdfs:comment
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">XSLT2 Parse
can translate &quot;id text1 is below id xbaseline&quot;
</rdfs:comment>
<rdf:Description about="#text1">
<omcsvg:IsNear resource="#xbaseline"/>
</rdf:Description>
<rdf:Description about="#text2">
<omcsvg:Below resource="#text1"/>
</rdf:Description>
<rdf:Description about="#text2">
<omcsvg:IsNear resource="#text1"/>
</rdf:Description>
<rdf:Description about="#endlineleft">
<omcsvg:AtRight resource="#bar1"/>
</rdf:Description>
<rdf:Description about="#endlineleft">
<omcsvg:IsNear resource="#bar1"/>
</rdf:Description>
<rdf:Description about="#endlineright">
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</rdf:Description>
<rdf:Description about="#endlineright">
<omcsvg:IsNear resource="#bar13"/>
</rdf:Description>
<rdf:Description about="#bar1">
<omcsvg:AtRight resource="#bar2"/>
</rdf:Description>
<rdf:Description about="#bar2">
<omcsvg:AtRight resource="#bar3"/>

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</rdf:Description>
<rdf:Description about="#bar3">
<omcsvg:AtRight resource="#bar4"/>
</rdf:Description>
<rdf:Description about="#bar4">
<omcsvg:AtRight resource="#bar5"/>
</rdf:Description>
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<omcsvg:AtRight resource="#bar7"/>
</rdf:Description>
<rdf:Description about="#bar7">
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</rdf:Description>
<rdf:Description about="#bar8">
<omcsvg:AtRight resource="#bar9"/>
</rdf:Description>
<rdf:Description about="#bar9">
<omcsvg:AtRight resource="#bar10"/>
</rdf:Description>
<rdf:Description about="#bar10">
<omcsvg:AtRight resource="#bar11"/>
</rdf:Description>
<rdfs:comment>SPARQL Jena Pellet RuleML XSLT can be used to examine the
metadata and
ontology info to &quot;see&quot; that this is an SVG bar chart
</rdfs:comment>
<rdfs:comment>An updated version of this program will have
external references to dumontierlab OWL ontology material about
(visual) graph structures such as bar-graphs; using rdfs:seeAlso,
rdfs:isDefinedBy. The same will be provided for NASA JPL SWEET ontologies.
They take a lot of room in the meta-data element. There will also be
MathML content in the SVG meta-data element, relevant to visual graphs.
</rdfs:comment>
<rdfs:seeAlso
rdf:resource="http://www.open-meta.com/omcschema#AtRight"/>
<rdfs:isDefinedBy
rdf:resource="http://www.open-meta.com/scenegraph#analysis"/>
<rdf:Description about="#bar11">
<omcsvg:AtRight resource="#bar12"/>
</rdf:Description>
</rdf:RDF>
<math xmlns="http://www.w3.org/1998/Math/MathML">
<apply>
<eq/>
<ci>y</ci>
<apply>

```

```

<plus/>
<apply>
  <times/>
  <cn>5</cn>
  <apply>
    <power/>
    <ci>x</ci>
    <cn>2</cn>
  </apply>
</apply>
<apply>
  <times/>
  <cn>3</cn>
  <ci>x</ci>
</apply>
<ci>c</ci>
</apply>
</apply>
<annotation encoding="gFortran 2008">
  y = 5*(x**2) + 3*x+c
</annotation>
<apply>
  <csymbol definitionURL="http://www.open-meta.com/function_spaces.html#my_DefMajestic12"
    encoding="text">
    Majestic12
  </csymbol>
  <ci>x</ci>
  <ci>y</ci>
  <ci>c</ci>
</apply>
<annotation-xml encoding="OpenMetaComputing">
  <OMC xmlns="http://www.open-meta.com/OpenMetaComputing">
    <OMS cd="Majestic12" name="Majic"/>
    <OMI> URI=NASA.JPL/SWEET/numeric (owl:Class rdf:about="#Quantity"/) +// \
(owl:unionOf rdf:parseType="Collection"/) // (rdf:Description rdf:about="#Scalar"/) \</OMI>
    <OMI> URI=NASA.JPL/SWEET/numeric (owl:Class rdf:about="#GeometricalObject_1D")
(/owl:Class)</OMI>
    <OMI> URI=NASA.JPL/SWEET/numeric (owl:Class rdf:about="#Line"/)</OMI>
    <OMI> URI=NASA.JPL/SWEET/numeric (owl:Class rdf:about="#Peak"/)</OMI>
    <OMI> URI=*/myfoo_barchart.svg
(Bag)bar1,bar2,bar3,bar4,bar5,bar6,bar7,bar8,bar9,bar10,bar11,bar12,bar13(/Bag)</OMI>
  </OMC>
</annotation-xml>
</math>
</metadata>
<text x="1" id="originlabel" y="12" style="font-family:Verdana;
font-size:12.333;
fill:lightblue"> * origin x=0, y=0 m4[GOOD IS UP]</text>
<text x="340" id="uplabel" y="20" style="font-family:Verdana;

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```
font-size:12.333; fill:black">
UP</text>
<text x="340" id="downlabel" y="230" style="font-family:Verdana;
font-size:12.333;
fill:black">DOWN</text>
<rect x="37" y="190" width="280" style="stroke:black; stroke-width:1"
height="1"
id="xbaseline"/>
<text x="317" id="text3" y="194" style="font-family:Verdana;
font-size:12.333;
fill:indigo">18</text>
<rect x="333" y="96" width="1" style="stroke:black; stroke-width:1"
height="104"
id="endlineright"/>
<rect x="37" y="96" width="1" style="stroke:black; stroke-width:1"
height="104"
id="endlineleft"/>
<rect x="40" y="160" width="20" style="stroke:green; fill:green;
stroke-width:0" height="40"
id="bar1"/>
<rect x="60" y="140" width="20" style="stroke:yellow; fill:yellow;
stroke-width:0" height="60"
id="bar2"/>
<rect x="80" y="111" width="20" style="stroke:blue; fill:orange;
stroke-width:0" height="89"
id="bar3"/>
<rect x="100" y="130" width="20" style="stroke:yellow; fill:yellow;
stroke-width:0" height="70"
id="bar4"/>
<rect x="120" y="173" width="20" style="stroke:green; fill:lightgreen;
stroke-width:0" height="27"
id="bar5"/>
<rect x="140" y="191" width="20" style="stroke:green; fill:green;
stroke-width:0" height="09"
id="bar6"/>
<rect x="160" y="140" width="20" style="stroke:yellow; fill:yellow;
stroke-width:0" height="60"
id="bar7"/>
<rect x="180" y="167" width="20" style="stroke:green; fill:green;
stroke-width:0" height="33"
id="bar8"/>
<rect x="200" y="175" width="20" style="stroke:green; fill:green;
stroke-width:0" height="25"
id="bar9"/>
<rect x="220" y="129" width="20" style="stroke:yellow; fill:yellow;
stroke-width:0" height="71"
id="bar10"/>
<rect x="240" y="150" width="20" style="stroke:green; fill:green;
stroke-width:0" height="50"
```

```
id="bar11"/>
<rect x="260" y="139" width="20" style="stroke:yellow; fill:yellow;
stroke-width:0" height="61"
id="bar12"/>
<rect x="280" y="125" width="20" style="stroke:yellow; fill:yellow;
stroke-width:0" height="75"
id="bar13"/>
<text x="37" id="text1" y="210" style="font-family:Verdana;
font-size:25.;
fill:black">95969798990001020304050607</text>
<text x="37" id="text2" y="230" style="font-family:Verdana;
font-size:12.333; fill:blue">Mean
High Ratings August 2007</text>
</svg>
```