

Cartographic Relief

Linked Data for Libraries Cartographic Materials Working Group
Ontology Modeling Examples -- **Draft**, June 2017

Ontologies

```
@prefix bf: <http://id.loc.gov/ontologies/bibframe/> .  
@prefix cart: <http://geocartframe.org/> .  
@prefix rdfs: <http://www.w3.org/2000/01/rdf-schema#> .
```

Classes

```
cart:Relief  
  subclasses {based primarily on MARC Map format relief codes (008/18-21) /  
    (006/01-04)}:  
    cart:LandRelief  
      subclasses:  
        cart:Contours  
        cart:Shading  
        cart:GradientTints  
        cart:Hachures  
        cart:FormLines  
        cart:SpotHeights  
        cart:Pictorially  
        cart:LandForms  
        cart:RockDrawings  
    cart:WaterRelief  
      subclasses:  
        cart:BathymetricTints  
        cart:BathymetricIsolines  
        cart:BathymetricSoundings  
        cart:BathymetricFormLines  
    cart:NoRelief  
      subclasses:  
        cart:NoLandRelief  
        cart:NoWaterRelief  
    cart:ReliefNotDetermined
```

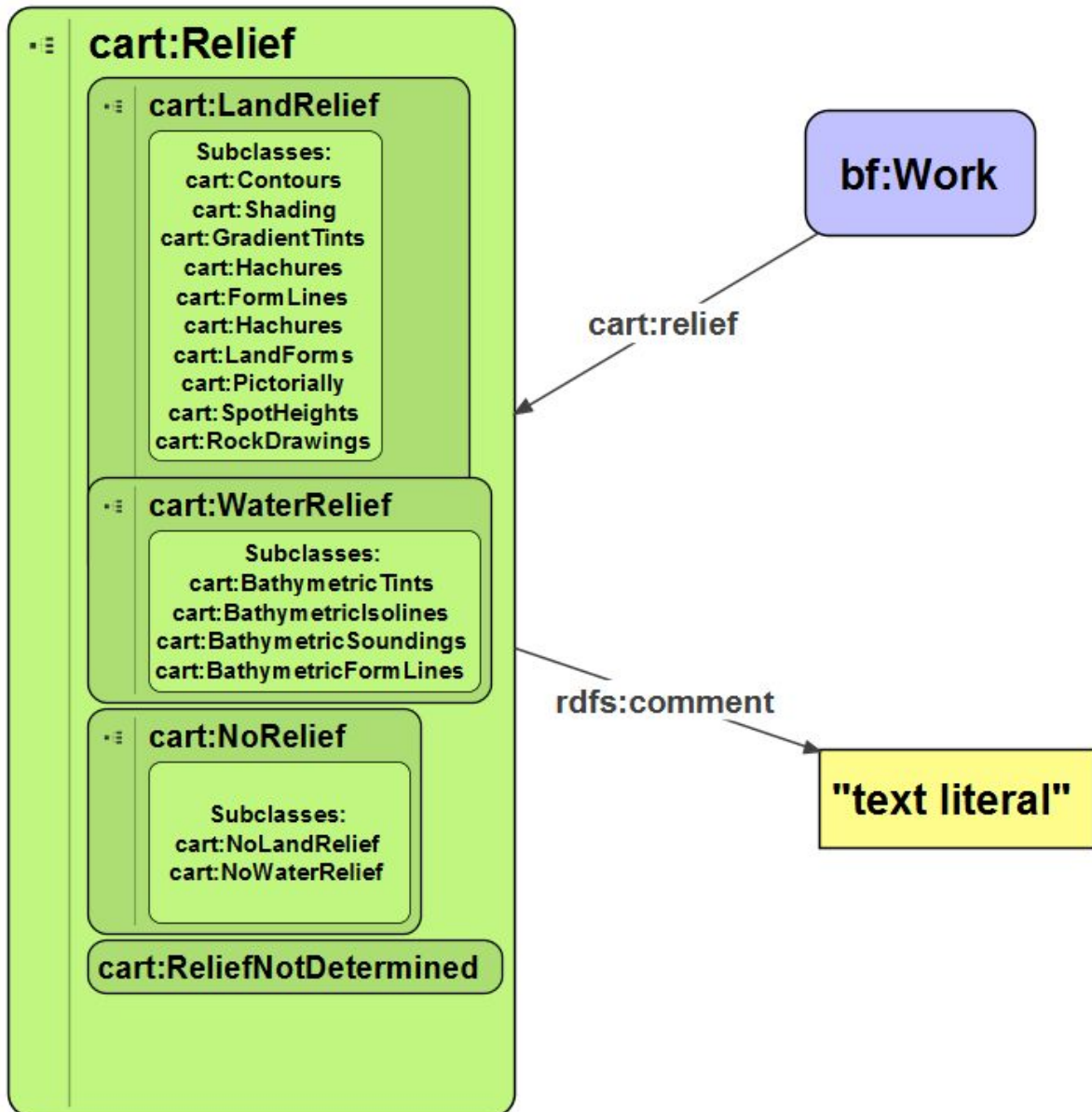
Object Properties

```
cart:relief
```

Data Properties

rdfs:comment

Illustration



Examples

Example 1 - Relief shown by contours. Contour interval 10 meters.

:work1 cart:relief :relief1 .

:relief1 a cart:Contours ;
rdfs:comment "Contour interval 10 meters." .

Example 2 - Relief shown by hachures and spot heights. Depths shown by soundings.

:work2 cart:relief :relief2a, :relief2b, :relief2c .

:relief2a a cart:Hachures .

:relief2b a cart:SpotHeights .

:relief2c a cart:BathymetricSoundings .

Example 3 - No Relief shown

:work3 cart:relief :relief3 .

:relief3 a cart:NoRelief .

Example 4 - Relief unknown

:work4 cart:relief :relief4 .

:relief4 a cart:ReliefNotDetermined .