

Simple Owl RDF message  
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By hand

Create Class

Create Message

## By hand

1. MSG1134 is of class N4242Spectrometry
2. N4242Spectrometry is a Class of Messages with format nist-ansi-n4242xsd;
3. Since N4242Spectrometry is a Message and MSG1134 is a N4242Spectrometry then MSG1134 is a Message.

## Create new Class Description

```
<owl:Class rdf:about="&cbr2;#N4242PersonalRadDet">  
  <owl:intersectionOf rdf:parseType="Collection">  
    <owl:Class rdf:about="&msg;#Message" />  
  
    <owl:Restriction>  
      <owl:onProperty rdf:resource="&msg;#format" />  
      <owl:hasValue  
        rdf:resource="&nist-ansi-n4242xsdF;#" />  
    </owl:Restriction>  
  </owl:intersectionOf>  
</owl:Class>
```

## Create Message

```
<cbr2:N4242PersonalRadDet rdf:about="&ex;#MY-MSG">  
  <msg:source>  
    <cbr2:Fixed-FT-IR rdf:about="#Sensor03NG">  
      <msg:org rdf:resource="&orgs;#NEAir-Haz" />  
    </cbr2:Fixed-FT-IR>  
  </msg:source>
```

```
<cbr:nuclideDetected>  
  <cbr2:Am-241>  
    <cbr:confidence>93.0</cbr:confidence>  
    <cbr2:concentration>0.002</cbr2:concentration>  
  </cbr2:Am-241>  
</cbr:nuclideDetected>  
</cbr2:N4242PersonalRadDet>
```