

Title: Include stylesheets in portrayal_catalogue.xml**S-100 Maintenance - Change Proposal Form**

| | | | |
|---------------------|-------------|--------------|---------------------|
| Organisation | SPAWAR | Date | 1/18/2019 |
| Contact | David Grant | Email | S100Viewer@navy.mil |

Change Proposal Type *(Select only one option)*

| | | |
|------------------|---------------|--------------|
| 1. Clarification | 2. Correction | 3. Extension |
| | | X |

Location *(Identify all change proposal locations)*

| S-100 Version No. | Part No. | Section No. | Proposal Summary |
|-------------------|----------|------------------------------|----------------------------------------------------------|
| 4.0 | 9 | 9-13.3 9-A-5 9-A-7-1.6 | Updates PC UML Updates PC Schema Updates PC Sample |

Change Proposal

See attached, Additions / changes are highlighted.

Change Proposal Justification

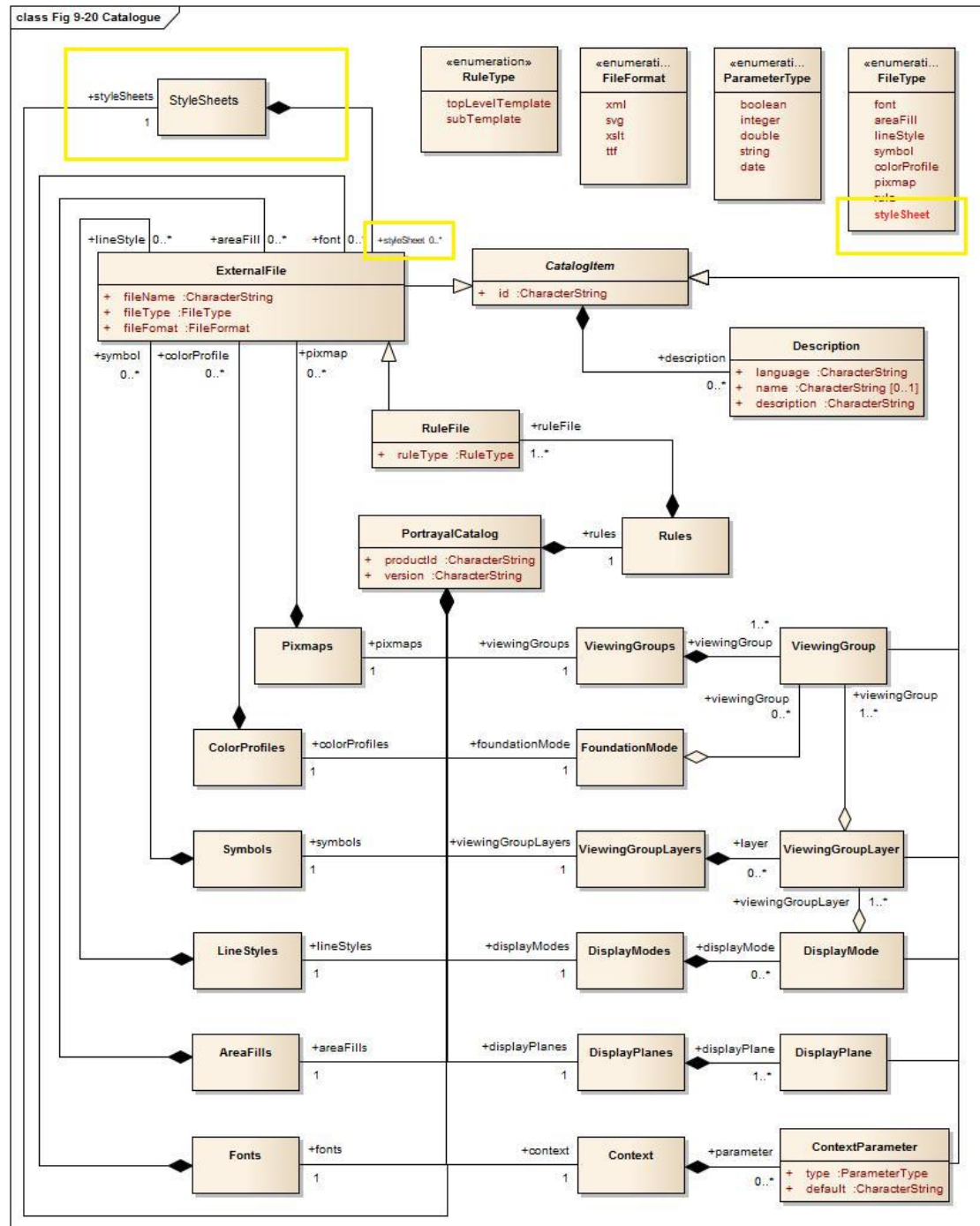
All files provided in the portrayal catalogue should be catalogued in portrayal_catalogue.xml
Currently the style sheets (CSS files) used to style the SVG symbols are not catalogued.

The changes provided allow the style sheets to be explicitly catalogued in portrayal_catalogue.xml

What parts of the S-100 Infrastructure will this proposal affect?

- S-100 Feature Concept Dictionary Interface or Database
- S-100 Portrayal Register
- S-100 Feature Catalogue Builder
- S-100 Portrayal Catalogue Builder
- S-100 UML Models

Please send completed forms and supporting documentation to the secretary S-100WG.



9-13.3.1 PortrayalCatalog

| Role Name | Name | Description | Mult. | Type |
|-----------|------------------|-----------------------------------------|-------|-------------|
| Class | PortrayalCatalog | A container of all the Catalogue items | - | - |
| [...] | [...] | [...] | [...] | [...] |
| Role | symbols | Container of SVG Symbol file references | 1 | Symbols |
| Role | styleSheets | Container of CSS file references | 1 | StyleSheets |
| [...] | [...] | [...] | [...] | [...] |

9-13.3.X StyleSheets

| Role Name | Name | Description | Mult. | Type |
|-----------|-------------|------------------------------------|-------|--------------|
| Class | StyleSheets | A container of CSS file references | - | - |
| Role | styleSheet | The file reference. | 0..* | ExternalFile |

9-13.3.25 FileType

| Role Name | Name | Description |
|-------------|------------|---------------------------------------|
| Type | FileType | The type of an external file |
| [...] | [...] | [...] |
| Enumeration | styleSheet | A file containing styles for symbols. |

9-A-5 Portrayal Catalogue Schema

[...]

```
<!-- The type of an external file -->
<xs:simpleType name="FileType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Font"/>
    <xs:enumeration value="AreaFill"/>
    <xs:enumeration value="LineStyle"/>
    <xs:enumeration value="Symbol"/>
    <xs:enumeration value="ColorProfile"/>
    <xs:enumeration value="Pixmap"/>
    <xs:enumeration value="Rule"/>
    <xs:enumeration value="StyleSheet"/>
  </xs:restriction>
</xs:simpleType>
```

[...]

```
<xs:complexType name="StyleSheets">
  <xs:sequence>
    <xs:element name="styleSheet" type="ExternalFile" minOccurs="0"
maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
```

[...]

```
<xs:complexType name="PortrayalCatalog">
  <xs:sequence>
    [...]
    <xs:element name="symbols" type="Symbols">
      <xs:key name="symbolKey">
        <xs:selector xpath="symbol"/>
        <xs:field xpath="@id"/>
      </xs:key>
    </xs:element>
    <xs:element name="styleSheets" type="StyleSheets">
      <xs:key name="styleSheetKey">
        <xs:selector xpath="styleSheet"/>
        <xs:field xpath="@id"/>
      </xs:key>
    </xs:element>
    <xs:element name="lineStyles" type="LineStyles">
    [...]
  </xs:element>
```

[...]

9-A-7-1.6 Sample Catalogue XML

[...]

```
<symbols>
  [...]
  <symbol id="sym2">
    <fileName>file://symbols/sym2.svg</fileName>
    <fileType>Symbol</fileType>
    <fileFormat>SVG</fileFormat>
  </symbol>
</symbols>
<styleSheets>
  <styleSheet id="css1">
    <fileName>daySvgStyle.css</fileName>
    <fileType>StyleSheet</fileType>
    <fileFormat>XML</fileFormat>
  </styleSheet>
</styleSheets>
<lineStyles>
  [...]
```