

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

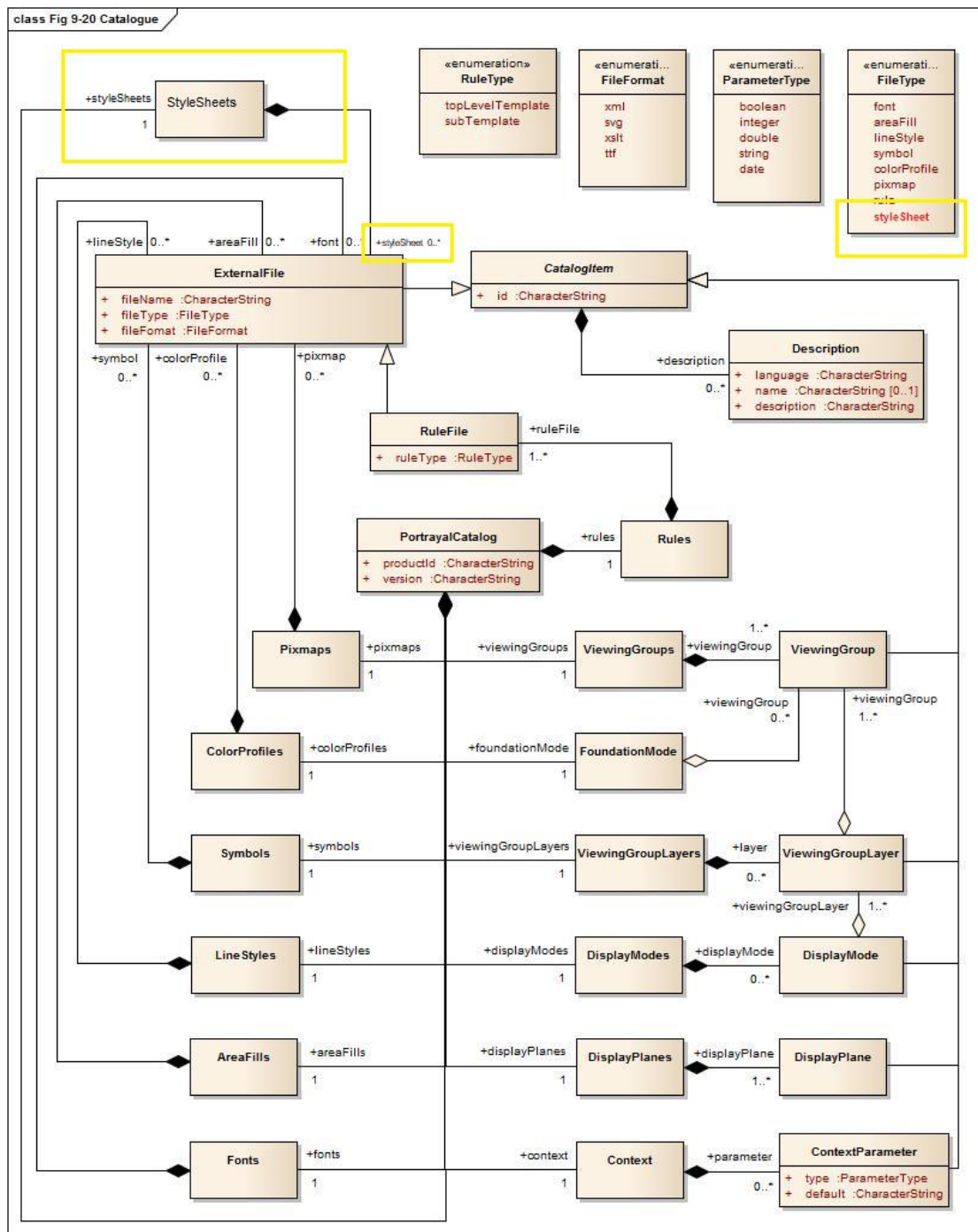
All files provided in the portrayal catalogue should be catalogued in portrayal_catalogue.xml. Currently the style sheets (CSS files) used to style the SVG symbols are not catalogued.

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>
  [...]
```