SIF 3.3 Infrastructure XSD Changes

As of SIF 3.3 Infrastructure release the infrastructure XSD is produced/generated using the SpecGen utility/tool. It is the same tool that is used to produce the various locale's data model XSD and documentation. This aligns the infrastructure and locale data model documentation and XSD generation to one tool and process. Prior to SIF 3.3 infrastructure release the infrastructure XSDs were hand-crafted. This led to inconsistencies in the XSD (e.g. naming of types) and documentation. The move from the hand-crafted XSDs to the "SpecGen produced XSD" led to some minor changes in the SIF 3.3 infrastructure XSD to types that were already known in SIF 3.2.1 or older. These changes may affect utilities that generate artefacts based on the SIF Infrastructure XSD. The changes are listed below; however the mentioned changes **WILL NOT alter the XML** the XSD describes.

Consistent naming of types
The names of the following types and references thereof have changed (postfix of 'Type' added):

- deleteIdCollection changed to deleteIdCollection**Type**
- deleteStatusCollection changed to deleteStatusCollection**Type**
- deleteStatus changed to deleteStatus**Type**

If a developer uses tools (e.g. JAXB, XJC in Java) to produce artefacts (classes) based on the XSD then there is a high likelihood that the name of the generated artefacts change accordingly and may cause compilation errors. A fix will be required to use the new types. This should simply be a matter of fixing type names and imports but not any change to logic.

Pattern vs. Enumerations
rightValueType: This type had the list of values defined as xs:pattern. Now it is an xs:enumeration.

If a developer uses tools (e.g. JAXB, XJC in Java) to produce artefacts (classes) based on the XSD then there is a high likelihood that this change produces a typed enumeration rather than a "string" style property in appropriate classes. This may lead to compilation errors. The fix should be straight forward, though. Most programming languages support the conversion between enumerated types and strings out-of-the-box.