

CR 1.10 SNA add status attribute to fileGrp, file, Flocat and Fcontent elements.

Recently a project has started in Sweden to define common guidelines and standards for electronic archiving. The project is led by the Swedish National Archives but it is a joint effort with participants from several other Swedish agencies and also from county councils and municipalities. One of the tasks of this project is to define a common format for submission information packages (SIP:s) to enable agencies to transfer information from their various record management and business systems to archival repositories. These archival repositories can either be intermediate repositories managed by agencies or the long term archival repository at the National Archives.

We are evaluating if the METS-format can be used as the top level format for SIP:s within the Swedish agencies. Currently METS is used as a format for SIP:s and AIP:s by the National Archives and the National Library. We are now working together with the National Library to define a format that can be used by all agencies.

Summary of change request:

In the top level METS element there is an attribute RECORDSTATUS intended to give information about the current status of the METS document. In the administrative metadata element there is a corresponding attribute STATUS indicating the status of the metadata information ("superseded", "current" etc). There is however no corresponding status attributes in the <fileSec>. We feel that it would be very useful to have corresponding status attributes also in the <fileGrp>, <file>, <Flocat> and <Fcontent> elements. The attribute STATUS would be present in all elements where there is a USE attribute. We feel that having both a USE attribute and a STATUS attribute would be very useful because they serve different purposes. One attribute gives information about the intended use of the file or file group and the other attribute gives information about the current status of the file or file group.

Use case:

1. A file group for image files.
2. A file in geoTIFF format.
3. A file in MSWord 6.0 format.
4. A file in PDF/A format.
5. A file with two locations.

XML-example

```
1.
<fileGrp ID=id12681629 USE="Master image files" STATUS="Latest version">

2.
<file ID="file002.tif" MIMETYPE="image/tiff" SIZE="4484" CREATED="2005-03-
29T12:34:00" USE="Image file" STATUS="Security restrictions apply"
CHECKSUM="BFA0F9DD9077B62A978412265F7EC403"
CHECKSUMTYPE="MD5">
    <Flocat LOCTYPE="URL" xlink:type="simple" xlink:href="file:002.tif"/>
</file>
```

3.

```
<file ID="filetext.doc" MIMETYPE="application/msword" SIZE="4484"
CREATED="2005-03-29T12:34:00" USE="Textfile" STATUS="Intermediate version">
CHECKSUM="BFA0F9DD9077B62A978412265F7EC403"
CHECKSUMTYPE="MD5">
  <FLocat LOCTYPE="URL" xlink:type="simple" xlink:href="file:text.doc"/>
</file>
```

4.

```
<file ID="filetext.pdf" MIMETYPE="application/pdf" SIZE="4484" CREATED="2005-03-
30T12:34:00" USE="Textfile" STATUS="Archival version">
CHECKSUM="C5A0F9ED9077B62A978412265F7F54A3"
CHECKSUMTYPE="MD5">
  <FLocat LOCTYPE="URL" xlink:type="simple" xlink:href="file:text.pdf"/>
</file>
```

5.

```
<file ID="file002.tif" MIMETYPE="image/tiff" SIZE="4484" CREATED="2005-03-
29T12:34:00" USE="Image file" STATUS="Security restrictions apply"
CHECKSUM="BFA0F9DD9077B62A978412265F7EC403"
CHECKSUMTYPE="MD5">
  <FLocat LOCTYPE="URL" USE="User copy" STATUS="read access"
    xlink:type="simple" xlink:href="file:usercopies/1002.tif"/>
  <FLocat LOCTYPE="URL" USE="Security copy" STATUS="no read access"
    xlink:type="simple" xlink:href="file:securitycopies/1002.tif"/>
</file>
```

Contact:

Karin Bredenberg, The Swedish National Archives, [karin.bredenberg@riksarkivet.se](mailto:karin.bredenberg@riksarkivet.se)