

Regional GIS Metadata Working Group

Thursday, June 12, 2014

2:30 pm – 3:30 pm

SANDAG Conference Room 8B

Attendees:

John Hofmockel (SANDAG)

Brad Lind (SanGIS)

Louise Wedley (SanGIS)

Melanie Casey (County of San Diego)

Harry Johnson (SDSU)

Barbara Kent (Caltrans)

Martie Clemons (City of Carlsbad)

David Young (City of Carlsbad)

Pat Landrum (SANDAG)



Lorenda Lee (City of Chula Vista)

Agenda

1. SanGIS Recommendations Spreadsheet (John, All)
2. Metadata Handbook Status (Louise, Brad)
3. Quick Reference Guide (John, Louise, All)
4. Tags and Keywords: standards or suggestions (John, All)
5. Web Services Metadata (Pat, All)

John shared his trimmed down version of the Spreadsheet. He edited the master Spreadsheet from 13 columns to 7 and the rows from 365 to 42. The trimmed table has only the required elements with their Edit Path and Xpath. The result can be printed on one page (instead of 10). This can be the start of the Quick Reference Guide. Of the 42 elements, 13 are auto-generated by ArcGIS. One element (thumbnail) is created manually outside of the ArcCatalog Metadata Editor. Of the remaining 28 elements, 11 are part of the “Point of Contact” (e.g. name, address, city, phone...). The Point of Contact information could be stored in a template file. Depending on the data, several other elements could be stored in a template (e.g. Use Limitation). This one page illustrates the group’s efforts of weeding through all the metadata elements to a manageable number.

Brad is reviewing the SanGIS Metadata Requirements document (i.e. Handbook). Brad will have his comments to Louise before the next Metadata Group Meeting (June 26). We are still on schedule to have materials ready by are self-imposed June 30th due date.

We discussed briefly Tags and Keywords. We still have Tags, Theme Keywords, and Place Keywords as required elements. The understanding is that each of these elements is searched differently by different software. Standards are at the discretion of each individual agency and/or department.

Pat demonstrated how he converts a featureclass to a web mapping service (WMS). The metadata is created with Desktop ArcCatalog. The metadata table is in SQL Server managed by the ArcGIS software. During the process, the metadata is not written to the WMS. Barbara suggested that since a WMS may have several layers, the process would not know which layer's metadata to keep. Pat does a copy/paste to get the metadata into WMS.

Next Metadata Working Group meeting June 26 at SANDAG



ArcCatalog ISO 19139 Required Metadata Elements

06/11/2014

Item	Group	Section	Item	Subitem	ArcCatalog Description (Edit Path)	x-path	
1.0101	Overview	Item Description	Title		Auto generated	/metadata/data/info/idCitation/resTitle	
1.0102			Thumbnail		Manually created	/metadata/Binary/Thumbnail/Data	
1.0103			Tags		Overview > Item Description > Tags	/metadata/data/info/searchKeys/keyword	
1.0104			Summary (Purpose)		Overview > Summary	/metadata/data/info/idPurp	
1.0105			Description (Abstract)		Overview > Description	/metadata/data/info/idAbs	
1.0106			Credits		Overview > Credits	/metadata/data/info/idCredit	
1.0107			Use Limitation		Overview > Use Limitation	/metadata/data/info/resConst/Consts/useLimit	
1.0109			Bounding Box	East		Auto generated	/metadata/data/info/dataExt/geoEle/GeoBndBox/eastBL
1.0110				North		Auto generated	/metadata/data/info/dataExt/geoEle/GeoBndBox/northBL
1.0111				South		Auto generated	/metadata/data/info/dataExt/geoEle/GeoBndBox/southBL
1.0112				West		Auto generated	/metadata/data/info/dataExt/geoEle/GeoBndBox/westBL
1.0204			Topics and keywords	Theme Keywords	Keywords	Overview > Topics & Keywords > Theme Keywords	/metadata/data/info/themKeys/keyword
1.0206				Place Keywords	Keywords	Overview > Topics & Keywords > Place Keywords	/metadata/data/info/placeKeys/keyword
1.0311	Citation	Dates	Published	Overview > Citation > Dates > Published	/metadata/data/info/idCitation/date/pubDate		
2.0104	Metadata	Details	Date Stamp		Auto generated	/metadata/mdDateSt	
3.0101	Resource	Details	Status		Resource > Details > Status	/metadata/data/info/idStatus/ProgCd	
3.0111			Type		Auto generated	/metadata/data/info/spatRpType/SpatRepTypCd/value	
3.0201		Extents	Description		Resource > Extents > Extent > Description	/metadata/data/info/dataExt/exDesc	
3.0210			Temporal Period Extent	Begin Date	Resource > Extents > Extent > Temporal Instant Extent > Instant Date	/metadata/data/info/dataExt/tempEle/TempExtent/exTemp/TM_Period/tmBegin	
3.0211			End Date	Resource > Extents > Extent > Temporal Period Extent > Begin Date	/metadata/data/info/dataExt/tempEle/TempExtent/exTemp/TM_Period/tmEnd		
3.0212			Temporal Instant Extent	Instant Date	Resource > Extents > Extent > Temporal Period Extent > End Date	/metadata/data/info/dataExt/tempEle/TempExtent/exTemp/TM_Instnt/tmPosition	
3.0302		Points of Contact	Contact	Name	Resource > Points of Contact > Contact > Name	/metadata/data/info/idPoc/rpIndName	
3.0303			Organization	Resource > Points of Contact > Contacts > Organization	/metadata/data/info/idPoc/rpOrgName		
3.0304			Position	Resource > Points of Contact > Contacts > Position	/metadata/data/info/idPoc/rpPostName		
3.0305			Role	Resource > Points of Contact > Contacts > Role > Point of Contact	/metadata/data/info/idPoc/role/RoleCd		
3.0401		Maintenance	Update Frequency		Resource > Maintenance > Update Frequency	/metadata/data/info/resMaint/maintFreq/MaintFreqCd	
3.0403			Next Update		Resource > Maintenance > Next Update	/metadata/data/info/resMaint/dateNext	

Item	Group	Section	Item	Subitem	ArcCatalog Description (Edit Path)	x-path
29	Resource	Points of Contact	Contact Information	Email	Resource > Points of Contact > Contacts > Contact Information > Email	/metadata/data/info/idPoc/rpCntInfo/cntAddress/eMailAdd
37				Address	Resource > Points of Contact > Contacts > Contact Information > Address	/metadata/data/info/idPoc/rpCntInfo/cntAddress/delPoint
38				City	Resource > Points of Contact > Contacts > Contact Information > City	/metadata/data/info/idPoc/rpCntInfo/cntAddress/city
39				State	Resource > Points of Contact > Contacts > Contact Information > State	/metadata/data/info/idPoc/rpCntInfo/cntAddress/adminArea
40				Postal Code	Resource > Points of Contact > Contacts > Contact Information > Postal Code	/metadata/data/info/idPoc/rpCntInfo/cntAddress/postCode
41				Country	Resource > Points of Contact > Contacts > Contact Information > Country > United States	/metadata/data/info/idPoc/rpCntInfo/cntAddress/country
42			Phone	Resource > Points of Contact > Contacts > Contact Information > Phone	/metadata/data/info/idPoc/rpCntInfo/cntPhone/voiceNum	
46		Fields	Entity Type	Object	Auto generated	/metadata/eainfo/detailed/enttyp/enttyp
47				Count	Auto generated	/metadata/eainfo/detailed/enttyp/enttypc
50			Attribute	Label	Auto generated	/metadata/eainfo/detailed/attr/attrlabl
52	Definition			Resource > Fields > Details > Attribute: [Fieldname] > Definition	/metadata/eainfo/detailed/attr/attrdef	
53	Definition Source			Resource > Fields > Details > Attribute: [Fieldname] > Definition Source	/metadata/eainfo/detailed/attr/attrdefs	
54	Type			Auto generated	/metadata/eainfo/detailed/attr/attrtype	
55	Width	Auto generated	/metadata/eainfo/detailed/attr/attrwidth			
56	Precision	Auto generated	/metadata/eainfo/detailed/attr/atprecis			