

Metadata

Faking
Metadata
with
ArcGIS
Server



Talk more later.



BIO



Don
Barker
GIS
program
manager
for U.S.

DoD :: 2012 @Phila PD,
Sharepoint + ArcGIS Server
:: 2011 @San Mateo Co
Calif., No-cost geoportal +
web maps :: 2010 @City of
Phila., GIS strategic
planning :: 2009 @MS GIS,
UMCP :: Volunteer@
ChoptankRiverHeritage.org

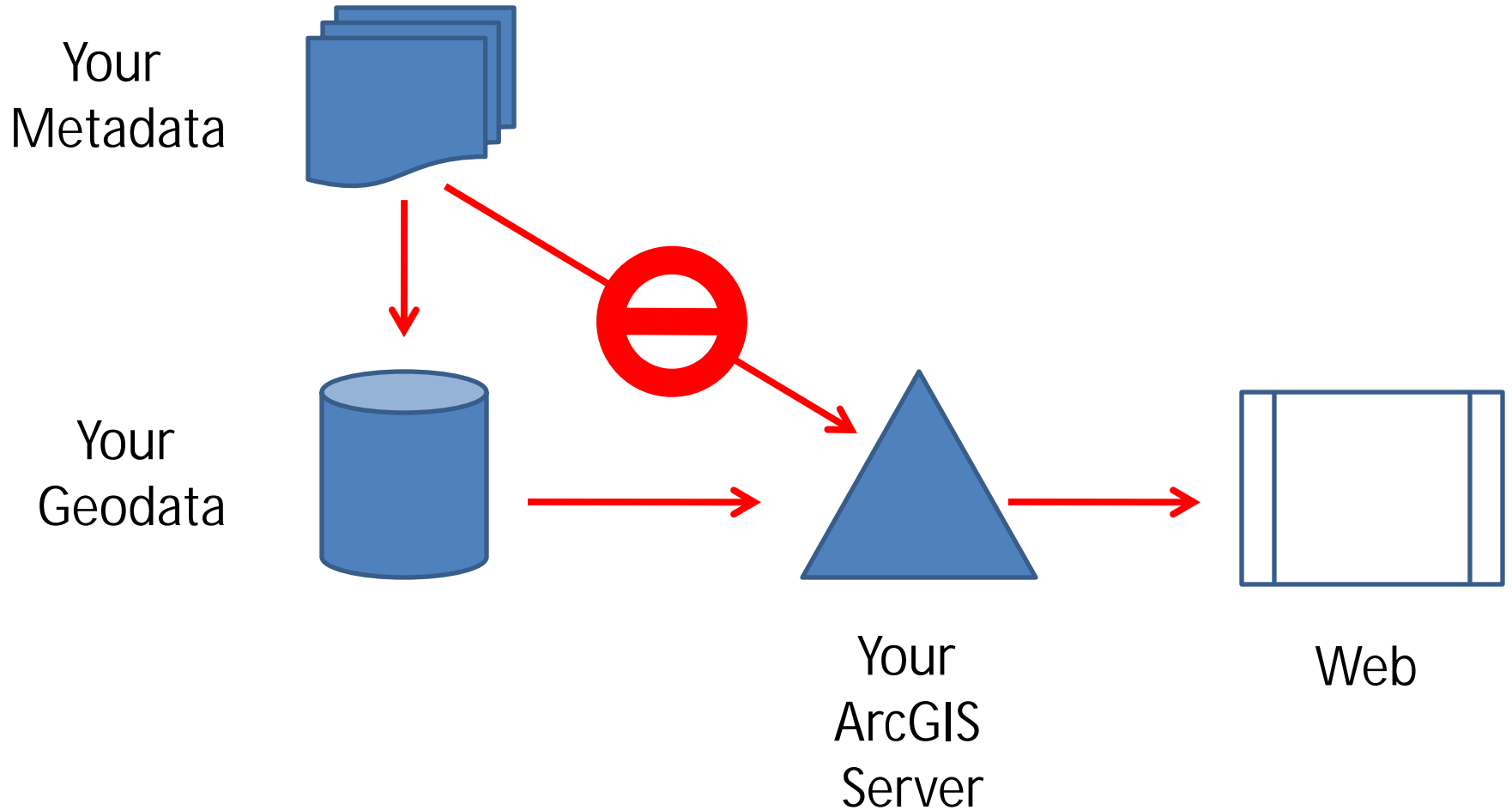
FRIDAY, NOVEMBER 4, 2011

ISO19115 to REST - You can't go there with metadata

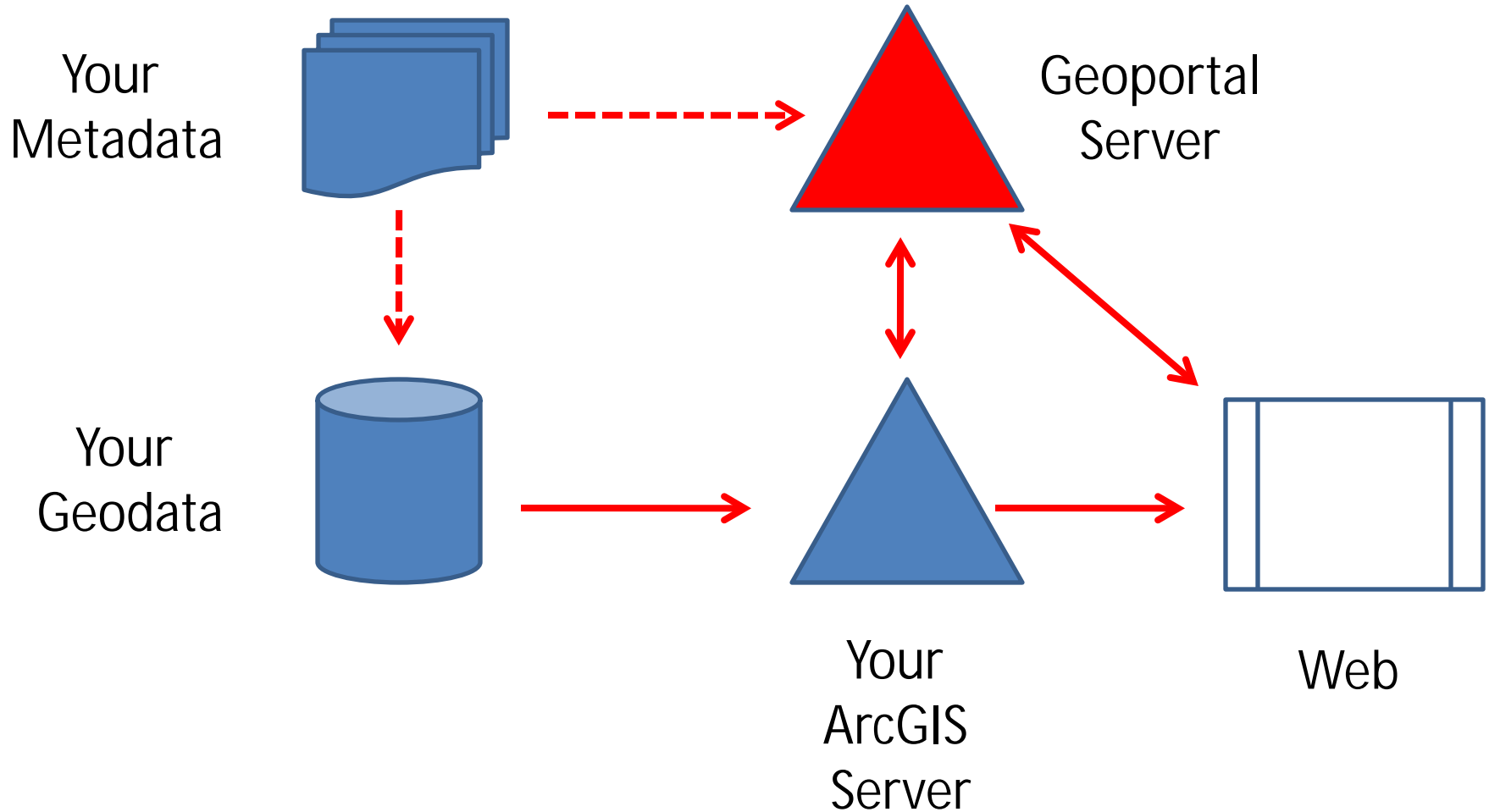
It took me awhile to figure out that it's not easy to author geospatial metadata that will show up in your ArcGIS Server REST catalog for a map service.

The Excel table [“Geospatial Metadata Authoring for ArcGIS Server REST and ArcGIS Online Display Throughput”](#) is a plumbing diagram. It shows the information flow (and barriers) from ISO19115 metadata authoring in ArcGIS Desktop to display in the ArcGIS Server REST catalog and ArcGIS Online.

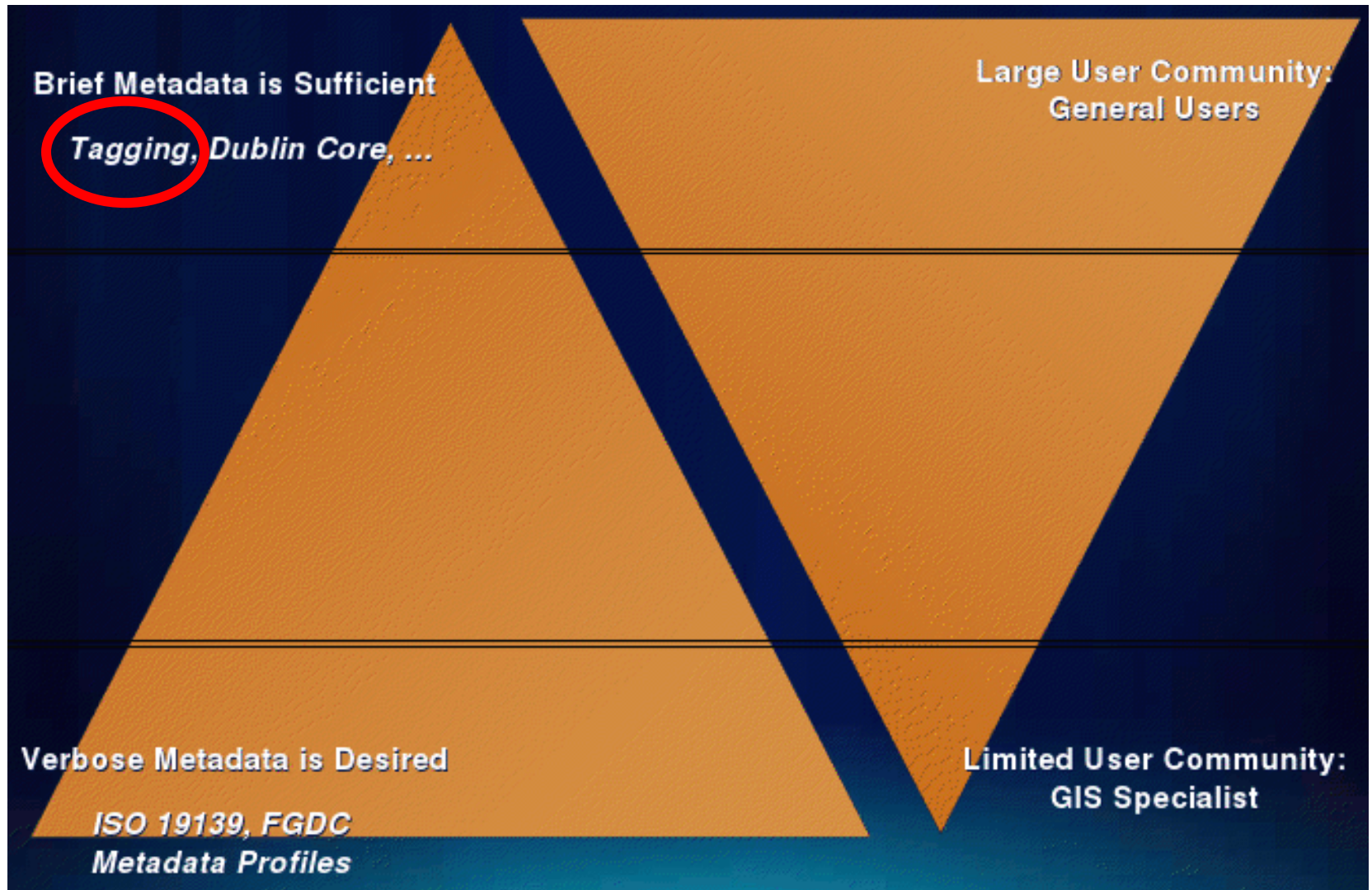
Metadata publishing @ ArcGIS 10



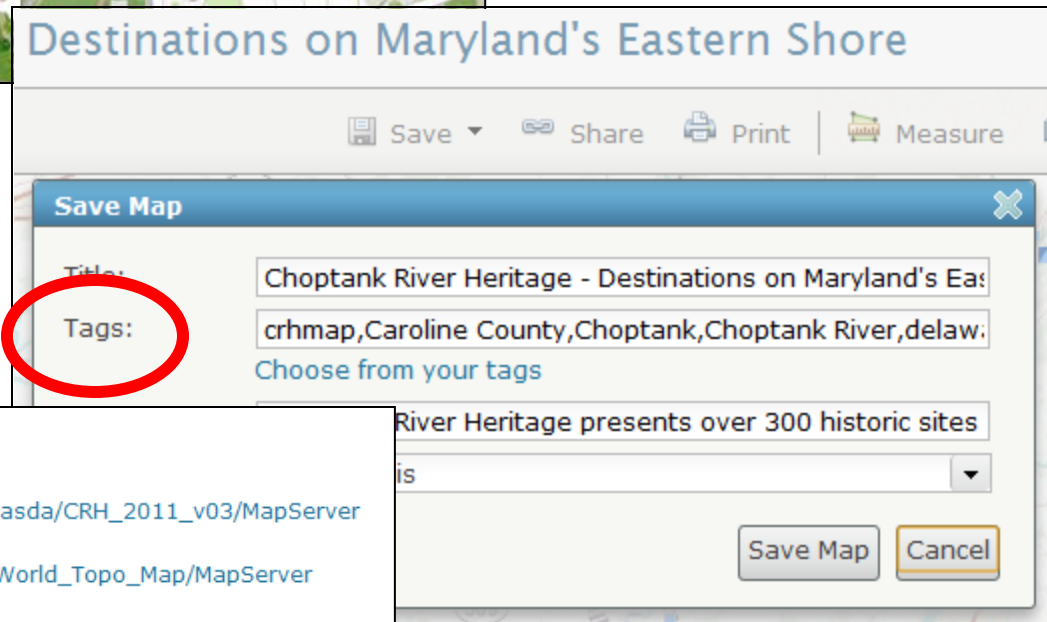
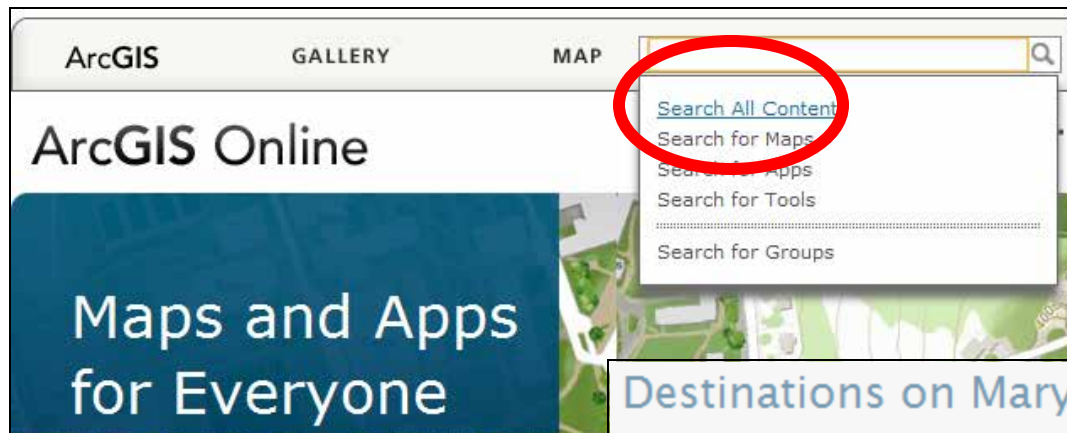
Metadata publishing @ ArcGIS 10



Is Esri moving toward Metadata Lite ?



Metadata Lite @ ArcGIS.com

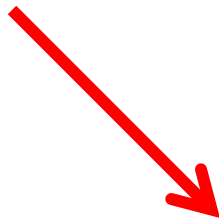


Metadata Lite:

You have options.



Here is one option.



ArcGIS

GALLERY

MAP

GROUPS

MY CO

Parks - San Mateo County

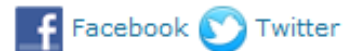


San Mateo County: Parks

Map Service by [sanmateocountygis](#) (last modified: October 18, 2011)

☆☆☆☆☆ (0 ratings, 91 views)

Sign In to rate this item.



Open ▾

Description

Abstract: This data layer portrays the area boundaries of landmarks within San Mateo County. Landmarks types are noted in the keywords sections of this document. The final layer was adjusted to best fit the County's 200-scale orthophotography base. San Mateo County Information Services Department (ISD) currently maintains this layer. ---- Purpose: This data layer is intended for geographic display and identification of landmark information.

Access and Use Constraints

Map Contents

Parks - San Mateo County

http://gis.co.sanmateo.ca.us/ArcGIS_pub/rest/services/Geodata_Catalog/Parks/MapServer

Tags [smcgeodatacatalog](#), [San Mateo County](#), [California](#), [Parks](#), [Recreation](#)

Here's
another
option

ArcGIS

GALLERY

MAP

GROUPS

MY CO

Parks - San Mateo County





San Mateo County: Parks

Map Service by [sanmateocountygis](#) (last modified: October 18, 2011)

☆☆☆☆☆ (0 ratings, 91 views)

Sign In to rate this item.

 Facebook  Twitter

Open ▾

Description

Abstract: This data layer portrays the area boundaries of landmarks within San Mateo County. Landmarks types are noted in the keywords sections of this document. The final layer was adjusted to best fit the County's 200-scale orthophotography base. San Mateo County Information Services Department (ISD) currently maintains this layer. ---- Purpose: This data layer is intended for geographic display and identification of landmark information.

Access and Use Constraints

Map Contents

Parks - San Mateo County

http://gis.co.sanmateo.ca.us/ArcGIS_pub/rest/services/Geodata_Catalog/Parks/MapServer

Tags [smcgeodatacatalog](#), [San Mateo County](#), [California](#), [Parks](#), [Recreation](#)

How do you
get this
into here?

ArcGIS Services Directory

[Home](#) > [Geodata Catalog](#) > [Parks \(MapServer\)](#)

Geodata_Catalog/Parks (MapServer)

View In: [ArcMap](#) [ArcGIS Explorer](#) [ArcGIS JavaScript](#) [Google Earth](#)

View Footprint In: [Google Earth](#)

Service Description: Abstract: This data layer portrays the area boundaries of landmarks within document. The final layer was adjusted to best fit the County's 200-scale orthophotography base layer. ---- Purpose: This data layer is intended for geographic display and identification of landmarks

Map Name: San Mateo County: Parks

Layers:

- [Parks](#) (0)

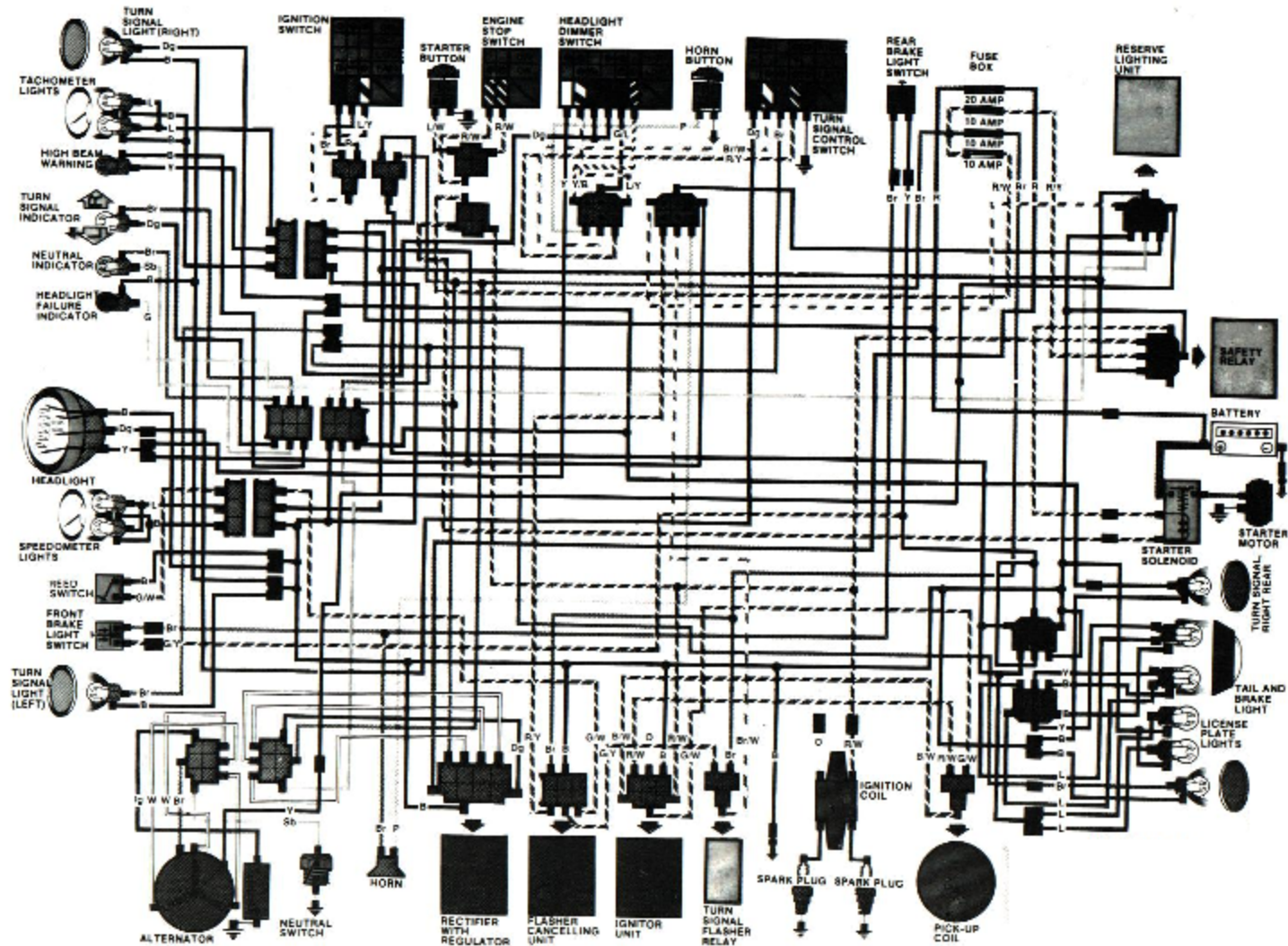
Description: San Mateo County GIS provides Maps, Web Mapping Applications, and Geospatial Data

Copyright Text: Users must abide by the "San Mateo County Data Terms of Use" found at http://www.co.sanmateo.ca.us/Attachments/SMC/pdfs/SMC%20Data%20Downloads/SMC_Data_L

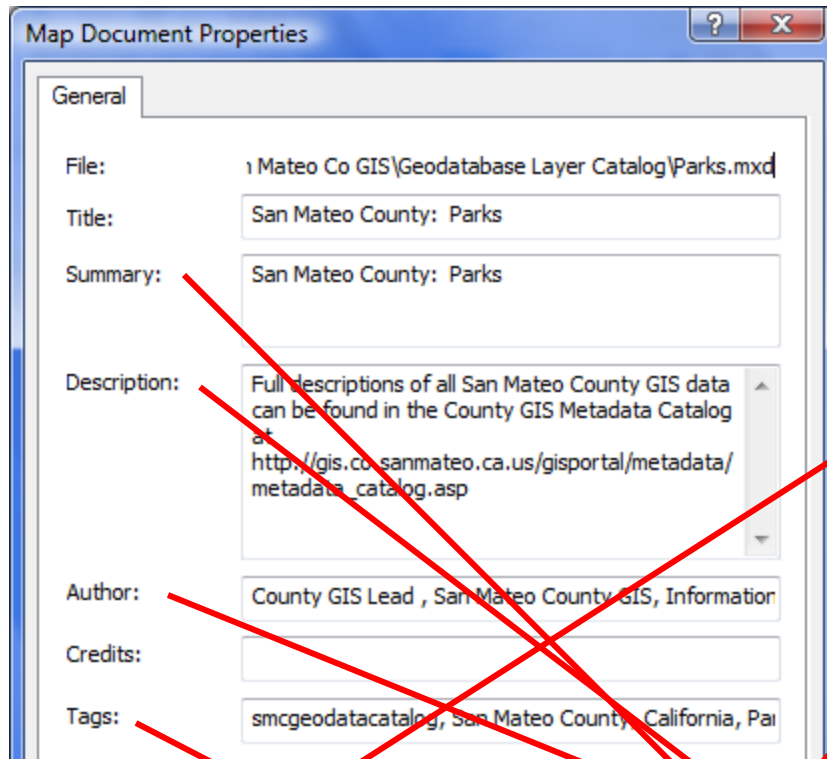
Document Info:

- Title: **San Mateo County: Parks**
- Author: **County GIS Lead , San Mateo County GIS, Information Services Department (4108, Fax: (650) 363-7800, county_gis@co.sanmateo.ca.us**
- Comments: **Full descriptions of all San Mateo County GIS data can be found in the County GIS Portal at http://gis.co.sanmateo.ca.us/gisportal/metadata/metadata_catalog.asp**
- Subject: **San Mateo County: Parks**
- Category:

It's not that simple.



Where did *that* come from?



Map Document Properties

General

File: 1 Mateo Co GIS\Geodatabase Layer Catalog\Parks.mxd

Title: San Mateo County: Parks

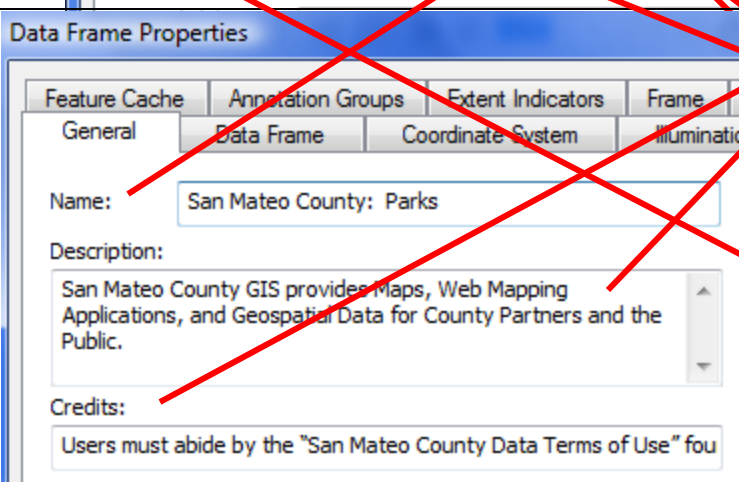
Summary: San Mateo County: Parks

Description: Full descriptions of all San Mateo County GIS data can be found in the County GIS Metadata Catalog at http://gis.co.sanmateo.ca.us/gisportal/metadata/metadata_catalog.asp

Author: County GIS Lead , San Mateo County GIS, Information

Credits:

Tags: smcgeodatacatalog, San Mateo County, California, Pa



Data Frame Properties

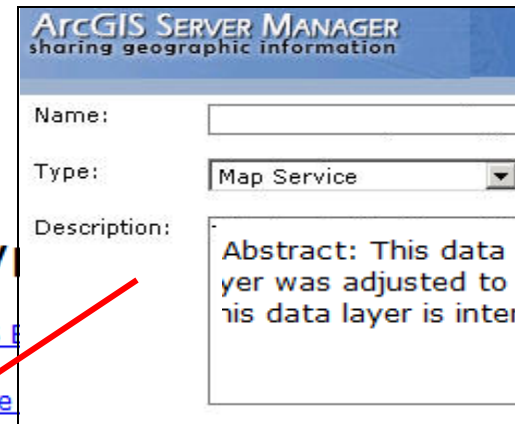
Feature Cache Annotation Groups Extent Indicators Frame

General Data Frame Coordinate System Illumination

Name: San Mateo County: Parks

Description: San Mateo County GIS provides Maps, Web Mapping Applications, and Geospatial Data for County Partners and the Public.

Credits: Users must abide by the "San Mateo County Data Terms of Use" fou



ArcGIS SERVER MANAGER
sharing geographic information

Name:

Type: Map Service

Description: Abstract: This data layer was adjusted to fit the County's 2000 Census boundary. This data layer is intended for geographic display.

Geodata_Catalog/

View In: [ArcMap](#) [ArcGIS](#)

View Footprint In: [Google](#)

Service Description: Abstract: This data layer portrays the area shown in the attached document. The final layer was adjusted to best fit the County's 2000 Census boundary. Purpose: This data layer is intended for geographic display.

Map Name: San Mateo County: Parks

Layers:

- [Parks](#) (0)

Description: San Mateo County GIS provides Maps, Web Mapping Applications, and Geospatial Data for County Partners and the Public.

Copyright Text: Users must abide by the "San Mateo County Data Terms of Use" found at <http://www.co.sanmateo.ca.us/Attachments/SMC/pdfs/SMC%20Terms%20of%20Use.pdf>

Document Info:

- Title: **San Mateo County: Parks**
- Author: **County GIS Lead , San Mateo County GIS, Information Systems, 4108, Fax: (650) 363-7800, countygis@co.sanmateo.ca.us**
- Comments: **Full descriptions of all San Mateo County GIS data can be found in the County GIS Metadata Catalog at http://gis.co.sanmateo.ca.us/gisportal/metadata/metadata_catalog.asp**
- Subject: **San Mateo County: Parks**
- Category: **?????**
- Keywords: **smcgeodatacatalog, San Mateo County, California, Pa**

Where did *that* come from?

Geodata_Catalog/Parks (MapServer)

View In: [ArcMap](#) [ArcGIS Explorer](#) [ArcGIS JavaScript](#) [Google Earth](#)

View Footprint In: [Google Earth](#)

Service Description: Abstract: This data layer portrays the area boundaries of land use in San Mateo County. The final layer was adjusted to best fit the County's 200-scale orthophoto layer. ----- Purpose: This data layer is intended for geographic display and identification.

Map Name: San Mateo County: Parks

Layers:

- [Parks](#) (0)

Description: San Mateo County GIS provides Maps, Web Mapping Applications, and Information Services.

Copyright Text: Users must abide by the "San Mateo County Data Terms of Use" found at <http://www.co.sanmateo.ca.us/Attachments/SMC/pdfs/SMC%20Data%20Download>

Document Info:

- Title: **San Mateo County: Parks**
- Author: **County GIS Lead , San Mateo County GIS, Information Services**
4108, Fax: (650) 363-7800, countygis@co.sanmateo.ca.us
- Comments: **Full descriptions of all San Mateo County GIS data can be found at**
http://gis.co.sanmateo.ca.us/gisportal/metadata/metadata_catalog
- Subject: **San Mateo County: Parks**
- Category:
- Keywords: **smcgeodatacatalog, San Mateo County, California, Parks, R**

[ArcGIS Server
Manager]

Title = Map Name

[Data Frame]

[Data Frame]
Credits = Copyright

Description = Comments

Summary = Subject

Tags = Keywords

Wiring diagram (Word doc):

<http://bit.ly/MetadataLiteDoc3>

Live sample:

<http://bit.ly/MetadataLiteREST>



MarylandGIS@gmail.com

GIS-Elektrika.blogspot.com :: “metadata”

GIS-Elektrika

Wiring geographic information systems together

BIO



Don
Barker
GIS
program
manager
for U.S.

DoD :: 2012 @Phila PD,
Sharepoint + ArcGIS Server
:: 2011 @San Mateo Co
Calif., No-cost geoportal +
web maps :: 2010 @City of
Phila., GIS strategic
planning :: 2009 @MS GIS,
UMCP :: Volunteer@
ChoptankRiverHeritage.org

FRIDAY, NOVEMBER 4, 2011

ISO19115 to REST - You can't go there with metadata

It took me awhile to figure out that it's not easy to author geospatial metadata that will show up in your ArcGIS Server REST catalog for a map service.

The Excel table [“Geospatial Metadata Authoring for ArcGIS Server REST and ArcGIS Online Display Throughput”](#) is a plumbing diagram. It shows the information flow (and barriers) from ISO19115 metadata authoring in ArcGIS Desktop to display in the ArcGIS Server REST catalog and ArcGIS Online.