

## VBA: Export All Metadata in a Geodatabase

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This is an old script that AGRC uses to export all the metadata from a geodatabase (ArcSDE database, file-based GDB, etc) into .html files.

The script runs in ArcMap and requires one layer be added to the project from the geodatabase.

You can specify different style sheets from the arcgis metadata stylesheets directory.

```
Public Sub getSGIDWorkspace()
'get variables for accessing current map document
Dim pMxDoc As IMxDocument
Dim pMap As IMap
Set pMxDoc = ThisDocument
Set pMap = pMxDoc.FocusMap

'get the vector feature layer in the map that has the same source workspace (gdb92.agrc.utah.gov)
'as all the feature datasets that we wish to create metadata for
Dim pFLayer As IFeatureLayer
Set pFLayer = pMap.Layer(0)
Dim pFCClass As IFeatureClass
Set pFCClass = pFLayer.FeatureClass
Dim pDataset As IDataset
Set pDataset = pFCClass
Dim pWorkspace As IWorkspace
Set pWorkspace = pDataset.Workspace

'make a collection of featuredatasets in the source workspace
Dim pDSNames As IEnumDatasetName
Set pDSNames = pWorkspace.DatasetNames(esriDTFeatureClass)

Dim pFCNames As IEnumDatasetName
Dim pDSName As IFeatureDatasetName
Dim pFCName As IFeatureClassName
Dim pFCDSName As IDatasetName
Dim pMetadata As IMetadata
Dim pMetadataPropertySet As IXmlPropertySet2

'Iterate through all featureclasses in source workspace (of layer 0)

Set pFCName = pDSNames.Next

Do While Not pFCName Is Nothing

'Query Interface so we can get the name property of the featureclassname object

Set pFCDSName = pFCName
Set pMetadata = pFCName 'Query Interface so we can get the metadata property set

'get metadata property set
Set pMetadataPropertySet = pMetadata.Metadata

'export metadata using xsl style sheet
pMetadataPropertySet.SaveAsFile _
"C:\Program Files\ArcGIS\Metadata\Stylesheets\fgdc.xml", _
"<!-- AGRC " & Now & " -->", True, _
"J:\ftp\pub\SGID93_Vector\NAD83\Metadata\HTML\" & _
```

Replace(pFCDSName.Name, ".", "\_") & ".html"

'prepare for next featureclass iteration

Set pFCName = pDSNames.Next

Loop

End Sub