HOW TO UPLOAD TO LAYERS TO THE ArcSDE SERVER FROM ArcCATALOG

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Notes: For ArcCatalog, you must have version 9.3 or later. You will need the SDE login name (currently “sde” (without quotes)), but this may change. You must get the SDE password from me separately via email.

Important! The data must be projection and datum defined. There must be metadata and if you have created these data yourself then you must add description information using ArcCatalog’s metadata facility. The description should be a narrative describing where the data came from and what you did to it, etc.

Also important! Let me know that you are doing this. Just a brief note telling me what layers you are uploading.

Basic idea: Use ArcCatalog to open a connection to the SDE-served Geodatabase. Use the Geodatabase IMPORT procedure to specify the input data object (typically, shapefiles or rasters) and the output name to initiate a data upload. Then perform the upload and verify that the data arrived safely.
1. Use ArcCatalog and navigate to “Database Connections” and check the appropriate connection.
2. Right-mouse-click on the “Connection to...” and see the functions menu; highlight “Import” and pick the data type appropriate to your upload data.
3. Now you will see a typical Toolbox Geodatabase conversion menu. To define the input feature, click on the folder icon and navigate your filesystem to the data you are importing (central_calif_counties.shp in this example). Note that the Output Location is already defined. Also note the green dot next to “Output Feature Class” this is simply where you must specify the name of the object to be displayed in the SDE database. Typically, I use the input file name (without extension). In other import menus where you are importing multiple files, the output feature class will be the same as the input data name.
4. The toolbox should now look like this...

![Feature Class to Feature Class](image)

5. Now Press OK and see the conversion dialog

![Feature Class to Feature Class](image)
6. Now verify that the data new reside in the SDE database and are ok (Press F5 on your keyboard to update listings).

You are now done.
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