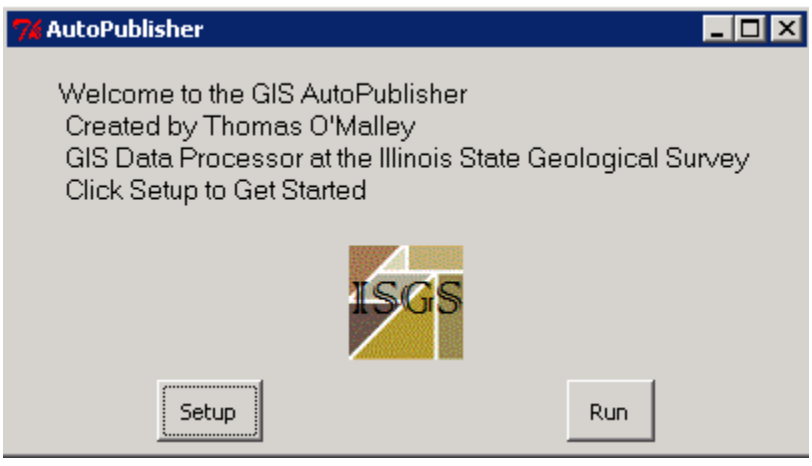
Welcome to the GIS AutoPublisher by Thomas O'Malley, GIS Data Processor at the Illinois State Geological Survey.

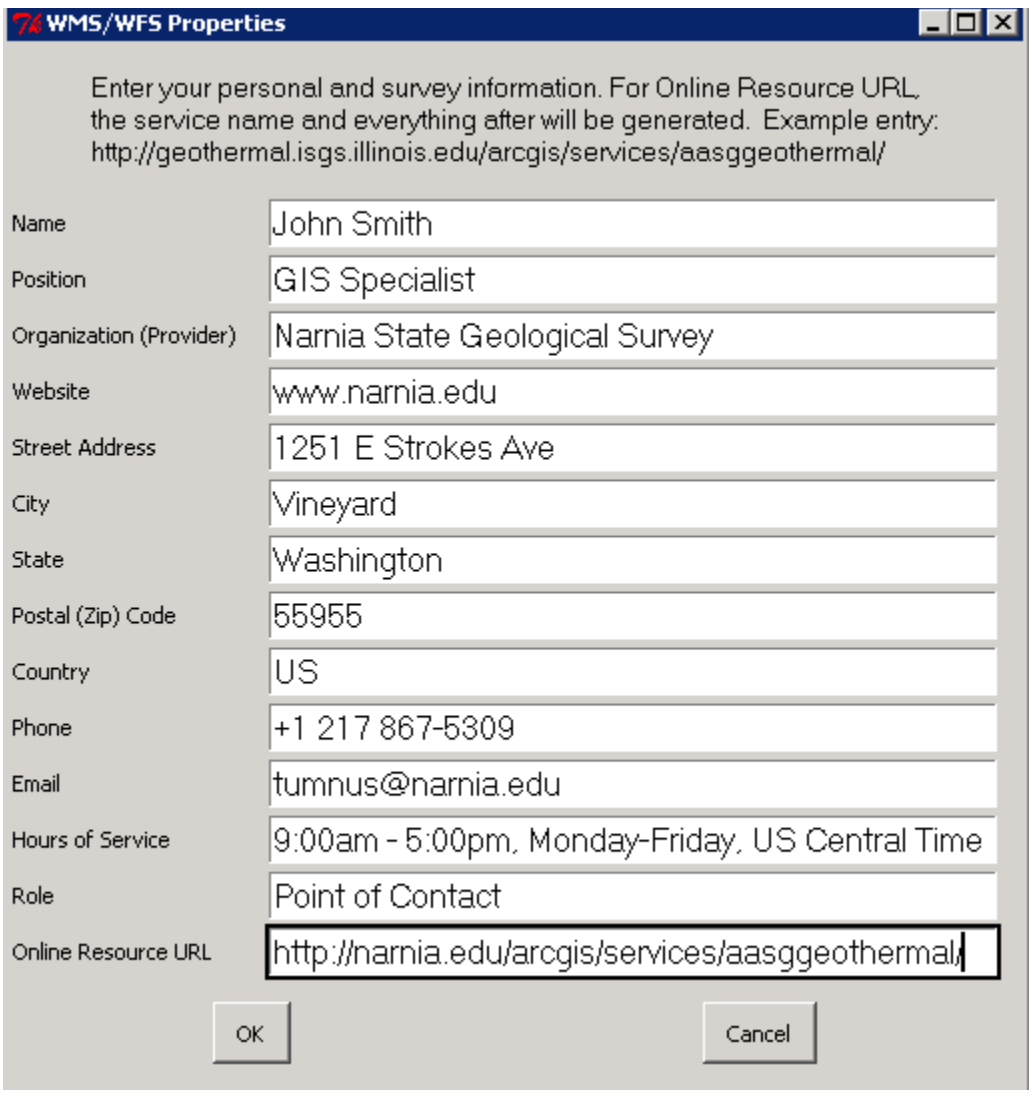
Begin by double clicking the AutoPublisher executable

tcl	9/19/2013 12:48 PM	File folder	
_ctypes.pyd	6/12/2011 4:24 PM	PYD File	109 KB
_hashlib.pyd	6/12/2011 4:24 PM	PYD File	461 KB
_tkinter.pyd	6/12/2011 4:24 PM	PYD File	41 KB
AutoPub.py	9/19/2013 12:47 PM	Python File	29 KB
AutoPubGUI.py	9/18/2013 1:44 PM	Python File	9 KB
AutoPublisher.exe	9/19/2013 12:49 PM	Application	30 KB
bz2.pyd	6/12/2011 4:24 PM	PYD File	79 KB
ISGSLOGO.gif	7/29/2013 2:29 PM	GIF image	3 KB
library.zip	9/19/2013 12:49 PM	Compressed (zippe...	1,818 KB
python27.dll	6/12/2011 4:24 PM	Application extension	2,913 KB
select.pyd	6/12/2011 4:24 PM	PYD File	11 KB
tcl85.dll	8/28/2010 4:51 PM	Application extension	1,146 KB
tk85.dll	8/28/2010 5:07 PM	Application extension	1,718 KB
unicodedata.pyd	6/12/2011 4:24 PM	PYD File	674 KB

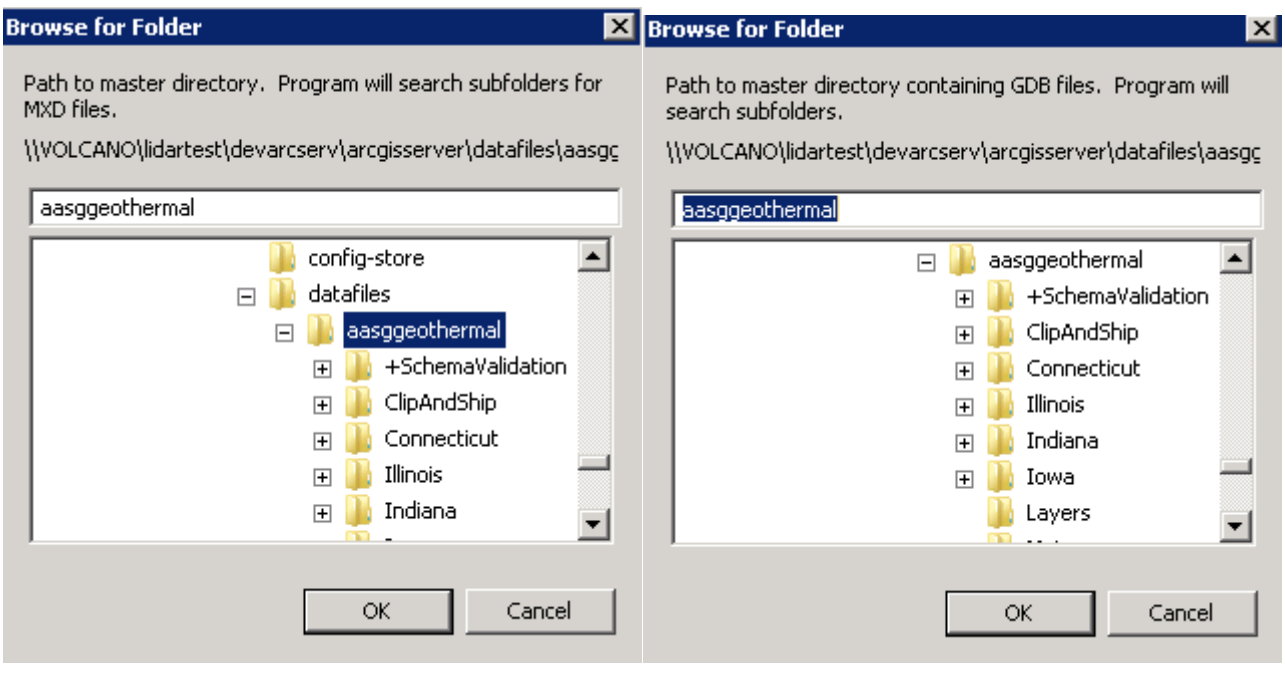
Choose Setup or Run. Choose Setup the first time you run the program. Setup will allow you to fill in WFS/WMS properties and more. Run will jump straight to selecting maps to publish.



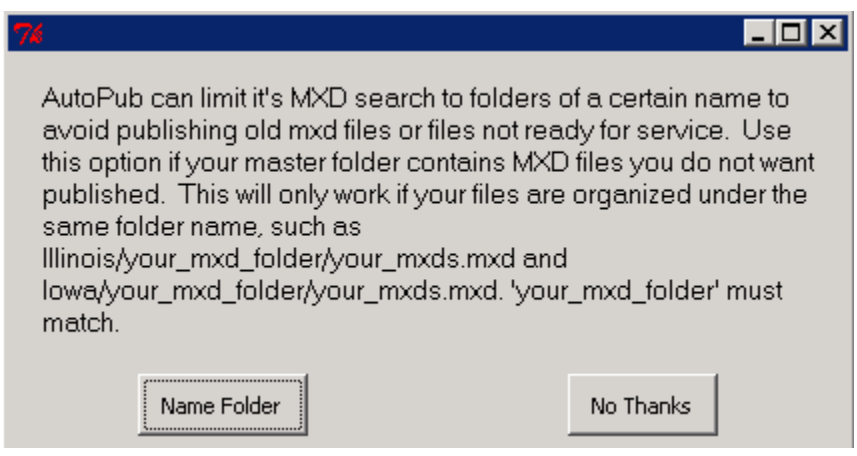
Fill in the properties with your personal (provided you are the primary contact for the US Geothermal Project) and survey information. Your information should be a little less imaginary than the example provided below. The information provided here will populate both the WMS and the WFS (when applicable) fields.



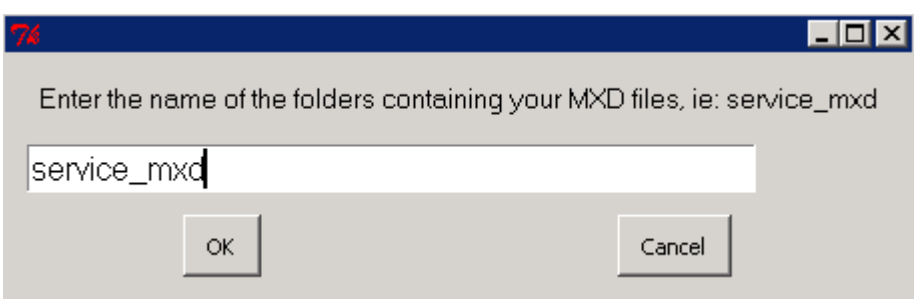
Browse to the master directory containing the mxd files you wish to publish, and then to the directory containing the file geodatabases. The GDB path will be used to fix broken data source links. When file folders are moved the data source links can be broken. This can happen when files are moved to new drive letter, or a new network data server. Autopublisher will attempt to fix these errors by searching for the 'FolderName/DatabaseName.gdb' from the broken data source in the directory you choose in this step. During its search, the program will search for both the gdb filename and the folder containing it, ie. "Service_data\\ILWellLogs.gdb." This eliminates the risk of the program finding and using old data of the same file name placed in another folder within your master directory. As a result of this search style, you may have to browse to a folder one extra level up from where your gdb files are. So for the example "Service_data\\ILWellLogs.gdb", you must select the folder containing the Service_data folder.



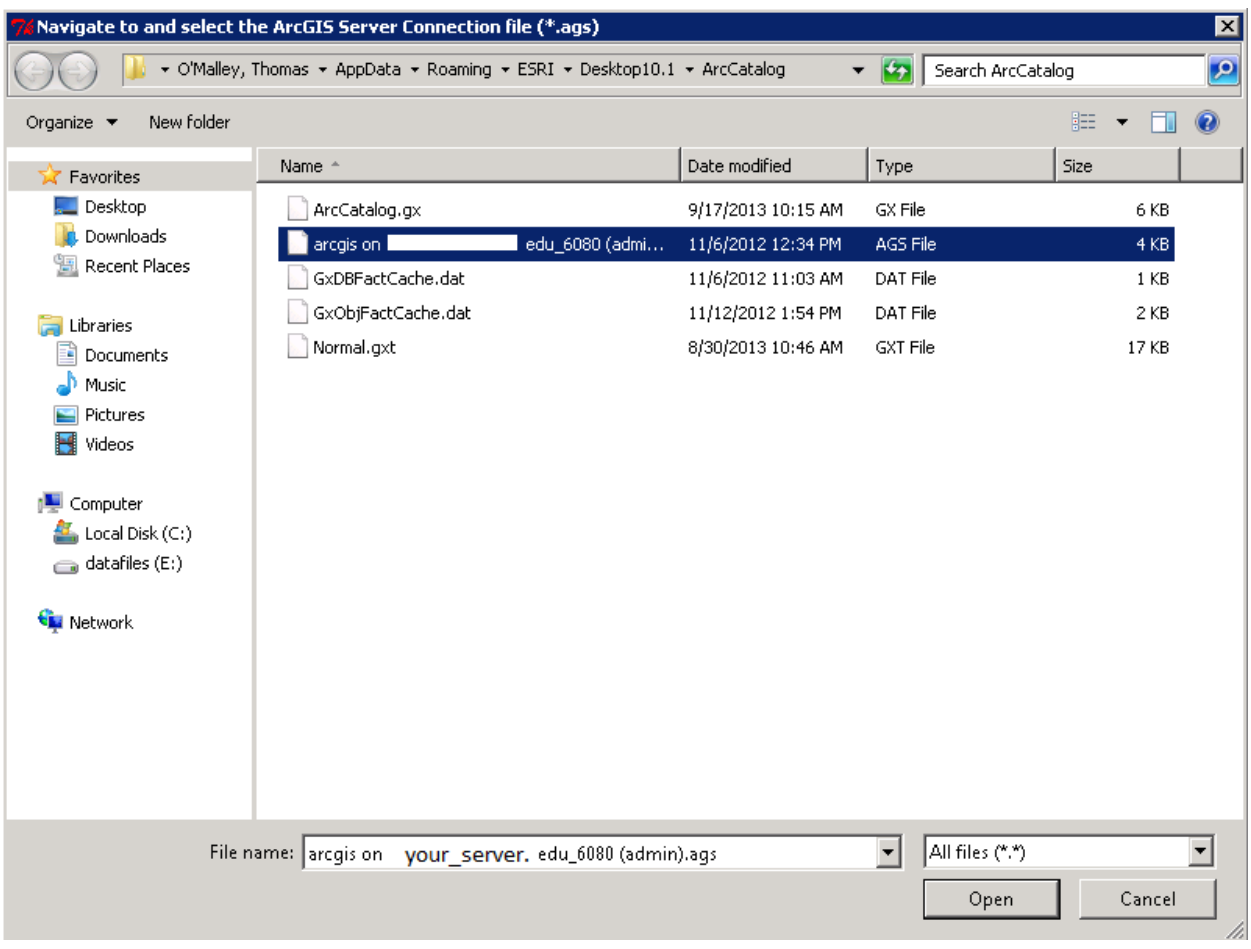
Choose ‘Name Folder’ or ‘No Thanks.’ If all of the MXD files you wish to publish are under the same folder name (not necessarily the same folder), you can choose ‘Name Folder’ and type in the name of the folder. This helps to prevent publishing old MXD files that may be in your main directory. So if all the MXDs going to service are under folders named “service_mxd,” then you can type in “service_mxd” and it will ignore any MXD files outside of those folders, such as loose MXDs or MXDs in a folder named “old_mxd.”



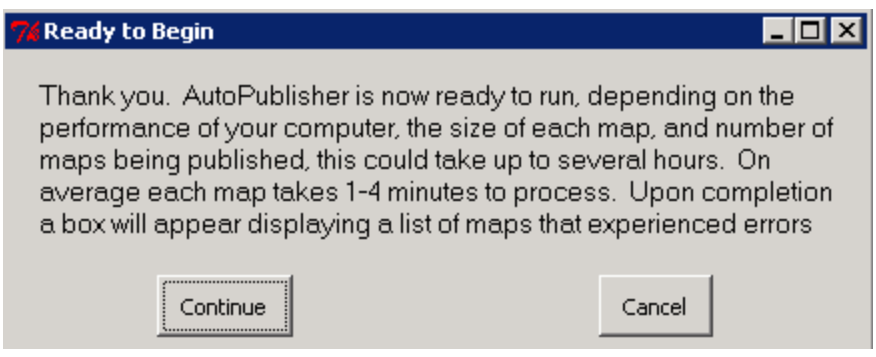
If you select ‘Name Folder,’ this next window will pop up allowing you to type in your folder name.



Select the ArcGIS Server Connection File (*.ags). To create a server connection file, right-click a folder in the Catalog window and click New > ArcGIS Server Connection. The default save location of this file is Drive:\\Users\Your_Username\AppData\Roaming\ESRI\Desktop10.1\ArcCatalog\. AutoPublisher should automatically expand this folder making it easy for you to select the file, but you are free to navigate if necessary.



Ready to begin. This is your chance to cancel the operation. You can safely exit at this point without losing any settings. The next time you run the program you can choose "Run" instead of "Setup" if you want to use the same settings. You can also choose continue to start the operation. Each map can take approximately 1-4 minutes to process depending on the size of the map and processing power of the computer/server.



"Run" jumps straight to this step. Choose to publish one mxd file, or all the files in the master directory. Be careful using "All" as it will overwrite previous publications. This is great if you want to make a large sweeping change, such as changing a contact phone number, but may overwrite changes you've made by hand since the first publication. Selecting "One" will open up a file selection box (It should open at your master directory, so you won't have to dig through as many file folders to find it). Navigate to your desired file and select it. If some of the maps failed to publish the last time you ran AutoPublisher, a third option will be presented in this window: "Retry Last." “Retry Last” will make a second attempt at publishing only the maps that could not be published due to errors. This button will appear so you do not have to publish maps one by one should a number of maps fail the first attempt.