**GETTING STARTED WITH METAPOP MANAGER**

1. Open "Rserver4.r in text editor (this is the script that starts the R-JSON server. )
2. Make sure you have the following R packages installed:
   1. 'rjson'
   2. 'utils'
   3. 'RJSONIO'
   4. 'stats'
3. In the section of the script with the header: 'READ IN SOURCE CODE FOR ALL METAMODEL PROCEDURES...' change the path to the 'RMetamodelFunctions.r' and 'MM\_Functions.r' files (which contain the functions that need to be loaded so that R can recognize and respond appropriately to the communications from Metapop).
4. Save this file with a name that indicates that this is a version specific to you: e.g., 'Rserver4\_Kait.r' (per the example in GIT).
5. Open MetapopManager.exe and click on the 'Settings' tab (in the "Executables" folder in the base GIT directory
6. In the box labeed "Metapop" in the input field labeled "Filename" navigate to the Metapop.exe file in the "Executables" folder. This is a modified version of Metapop which allows interprocess communication.
7. In the box labeled "External Processor" in the input field labeled "Filename", navigate to R.exe, wherever that may exist on your machine. We use R as an "external processor" which recognizes and responds to the communications from Metapop.
8. In the "Parameters" input field, type "--slave"
9. In the "Close Command" input field, type "q()"
10. In the "Environment" input field, set the R\_PROFILE environment variable. This tells R to run the script that initiates the server ("Rserver4.r") that 'listens' to one or more Metapop clients. The syntax for setting the environment variable is as follows: R\_PROFILE=C:\Users\Kevin\GIT\R\_JSON\_Server\Rserver4.r
11. Click on the 'Configuration' tab.
12. Select the MP files you wish to work with. For the ferret/prairie dog example, select "PrairieDogExample.mp" and "FerretExample.mp" example files.