**Stock Synthesis   
GUI User Guide**

**Version 3.3.10 beta**

February 8, 2018

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1. [Introduction](#_bookmark1)

This guide is the Stock Synthesis GUI. The GUI enables new or occasional users to work with existing models, save changes, create new models, run Stock Synthesis and view some output graphs.

1. [New Features Available in Version 3.3.10](#_bookmark2)

This version is compatible with Stock Synthesis 3.30.10, the most important feature. For changes to Stock Synthesis, see the User Manual.

Graphs for Selectivity options are added (see Fleets > Selectivity section).

1. Setup

The GUI is currently available for Windows 7 and later; it may run on earlier versions of Windows, but this has not been tested. Versions for Linux and OSX are not available but may be in the future.

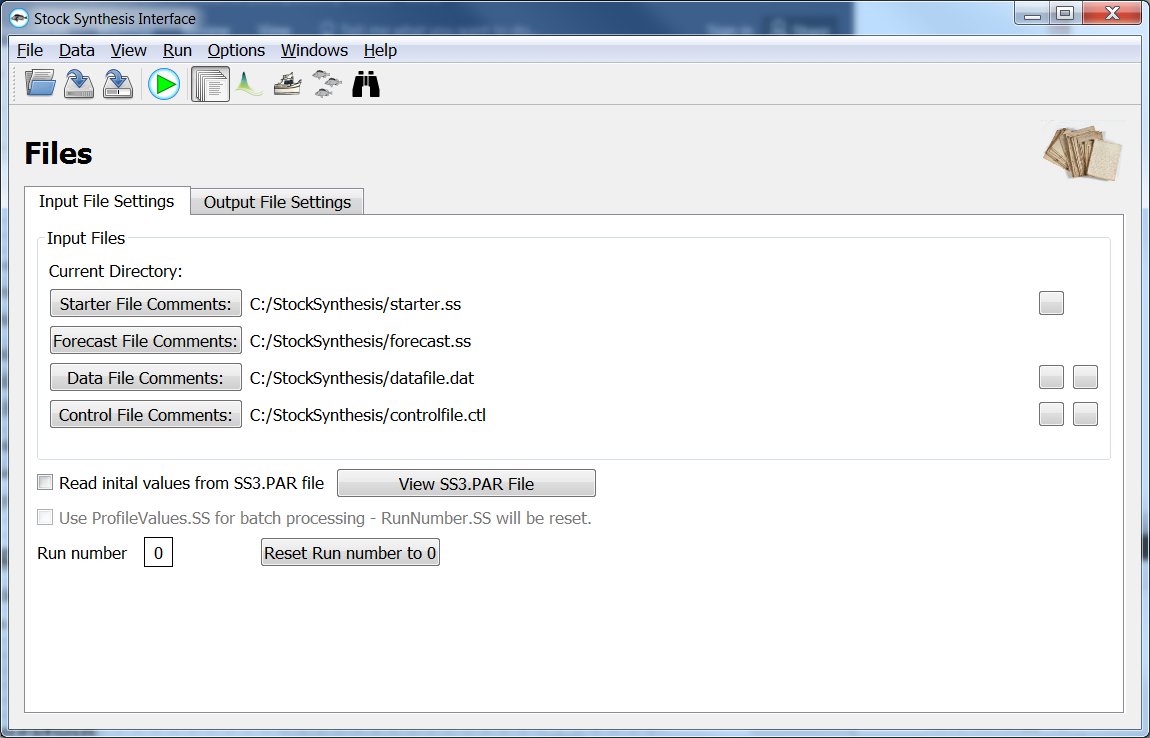
It is available through the Stock Synthesis VLab site, https://vlab.ncep.noaa.gov/group/stock-synthesis.

It may be easiest to download the ss\_gui.exe file and move it to your Stock Synthesis directory (where the other executable files reside).

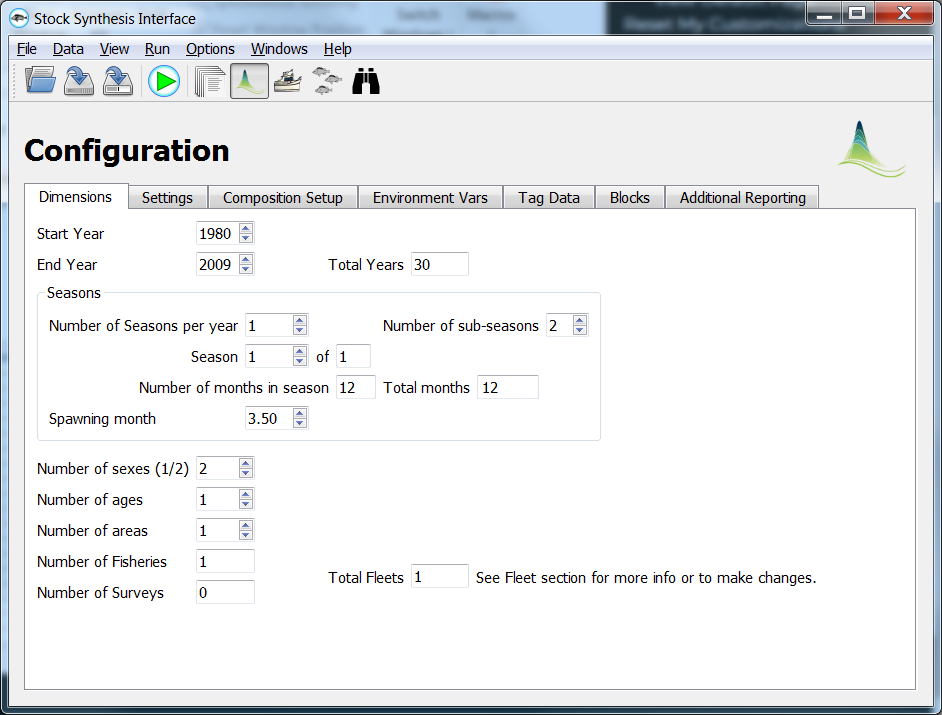
A desktop shortcut may be created from ss\_gui.exe by right clicking on the desktop, selecting New > Shortcut. Browse to the directory where you have copied the file and select it.

1. [Starting](#_bookmark3) up

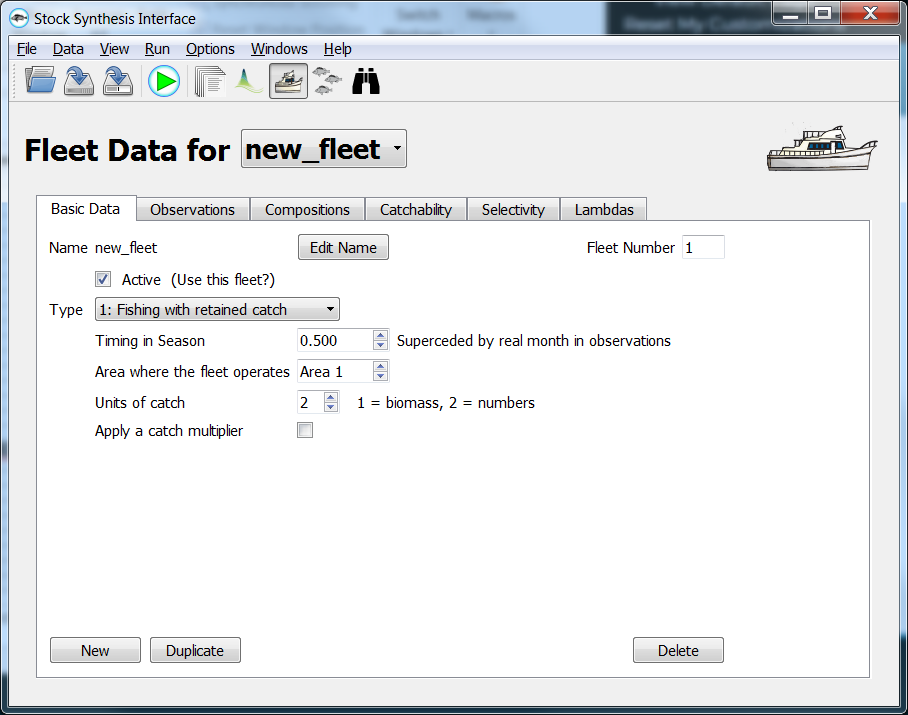
Double click on the executable file name in a file explorer window or on the desktop icon (if you created one) or .



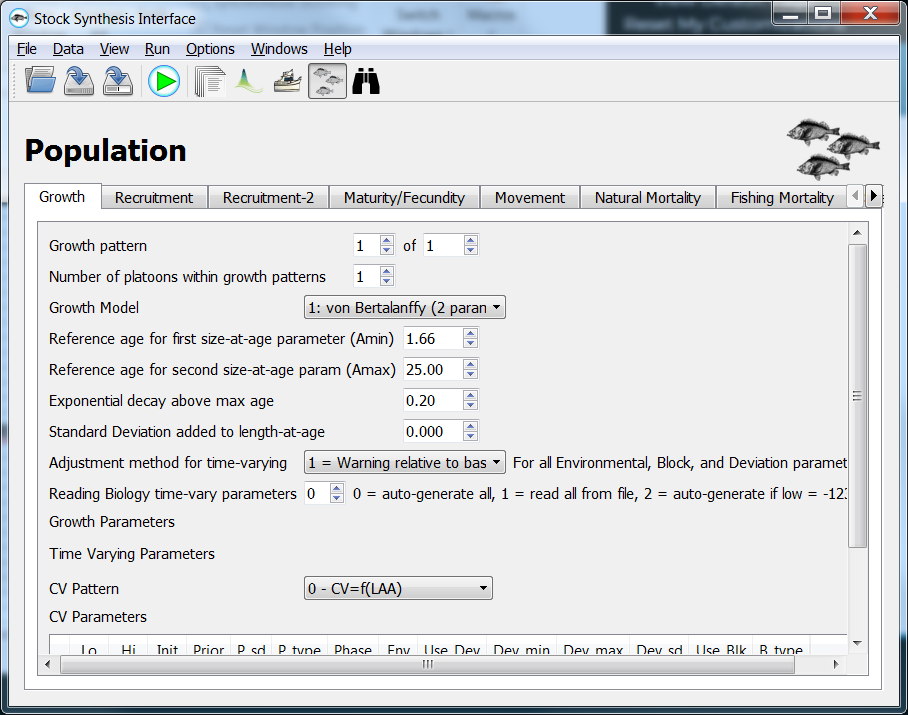
1. [Files](#_bookmark7)
   1. Input File Settings
   2. Output File Settings
2. [Configuration](#_bookmark8)
   1. Dimensions
   2. Settings
   3. Composition Setup
   4. Environmental Variables
   5. Tag Data
   6. Blocks
   7. Additional Reporting



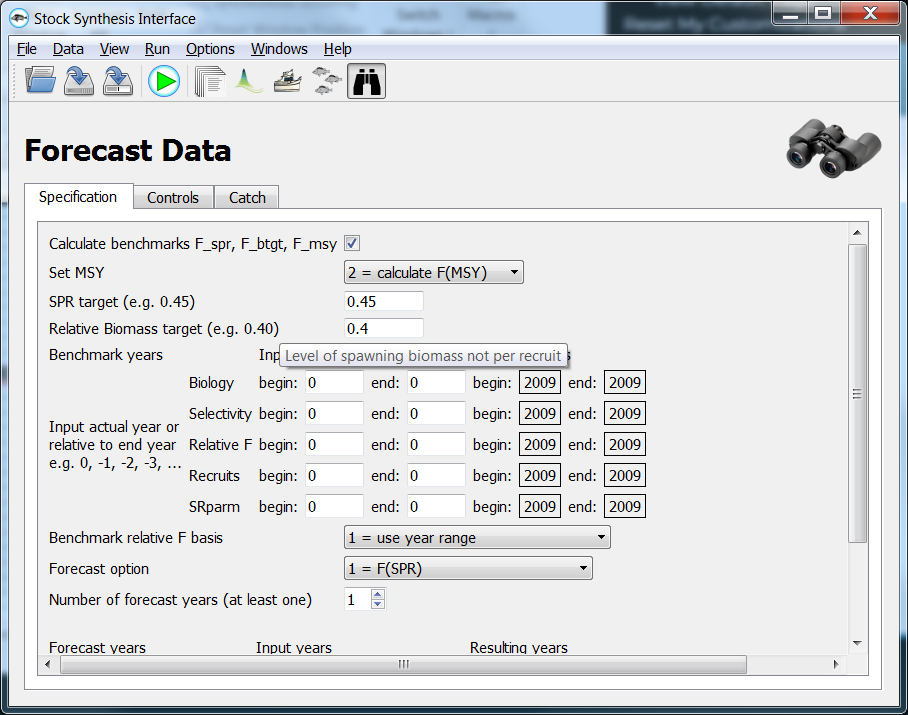
1. Fleet Data
   1. Basic Data
   2. Observations
   3. Compositions
   4. Catchability
   5. Selectivity
   6. Lambdas



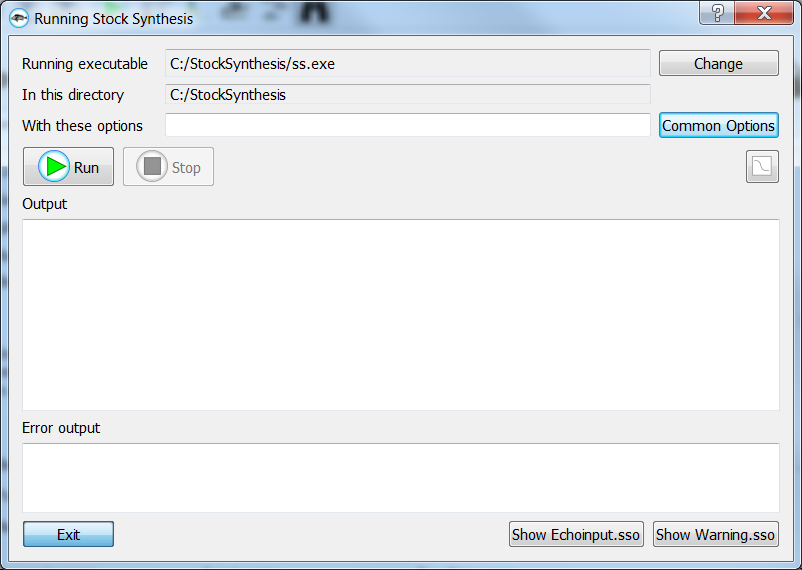
1. [Population](#_bookmark15)
   1. Growth
   2. Recruitment
   3. Maturity/Fecundity
   4. Movement
   5. Natural Mortality
   6. Fishing Mortality
   7. Seasonal Effects



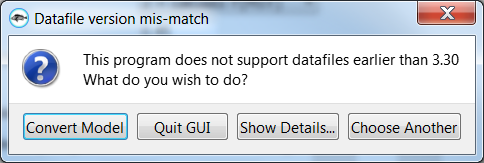
1. [Forecast](#_bookmark16)
   1. Specification
   2. Controls
   3. Catch

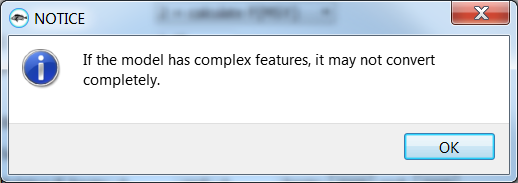


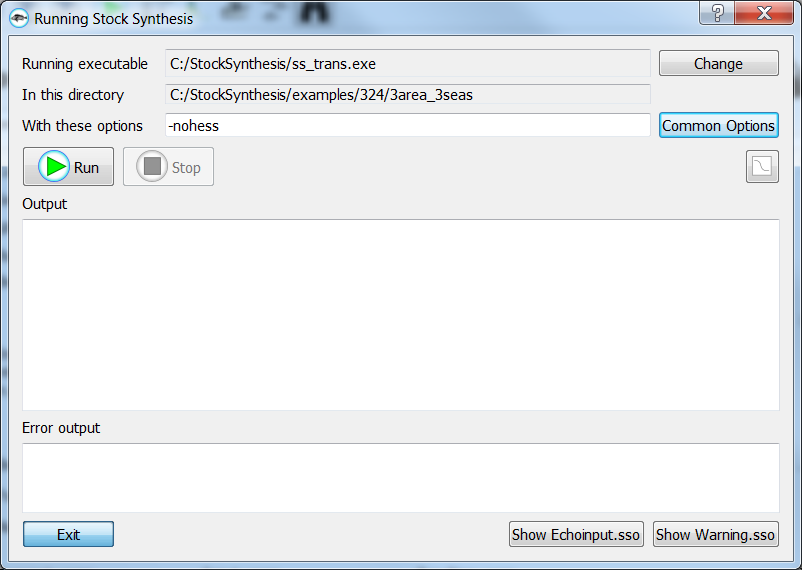
1. Running SS
   1. Executable
   2. Directory
   3. Options
   4. Outputs
      1. Normal Output
      2. Error Output
   5. Viewing Files

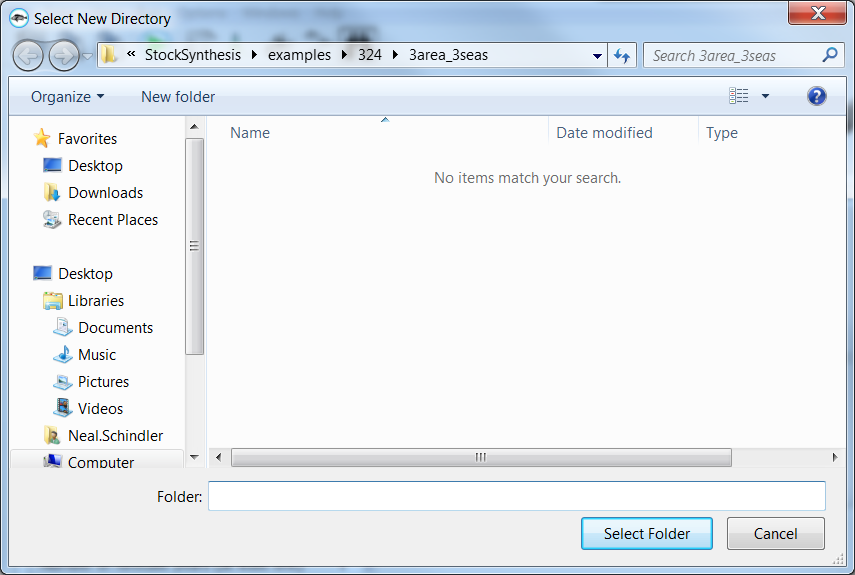


1. Appendix A – Running SS\_trans









The GUI will then save the newly created files and read them in.