Additional Input Data

addinput.txt: This file works as a buffer for responding to follow up questions generated by the parameters selected in "input.txt". It will feed parameters in from the user when required which would usually be input through the keyboard at runtime.

In most cases, *CrystalGrower* will require additional input data at run time. Some examples include: high supersaturation length for delta mu mode 3, new delta mu values for mode 5, tile energies and Q scaling energies. This file is generated automatically when using the GUI version of *CrystalGrower* and is populated automatically in the correct order based on user input to the GUI.

When using the command line version of *CrystalGrower* these can either be input at runtime as responses to questions or fed into the program by running the *CrystalGrower* executable and feeding the data in from a created text file using the command:

./CrystalGrower_Executable < additional_input_data.txt (Linux and MacOS)

CrystalGrower_Executable < additional_input_data.txt (Windows command prompt)

The user must know the order of the additional information required at run time and write all data matching this order, one line per parameter. Feeding in data in this manner is essential for setting up runs of many simulations, particularly when running the code on supercomputers e.g. Condor at the University of Manchester.