Folder structure

MAIZSIM07

CreateSoils

BaseFolderForSims

Sim1

ExcelDataTables.xlsx

Water.dat

Waterboundary.dat

Executables

ExcelInterface

To run model, open a DOS window and navigate to basefolder and then execute as

D:\MAIZSIM07\BaseFolder > 2dsoil.exe .\Sim1\runsim1.dat

The command you run on the command line is the ‘2DSOIL.exe’ ‘ .\Sim1\runsim1.dat’ is the command line argument that points 2dsoil to the run file.

If you do a lot of simulations you create a batch file with all the commands on rows.

The files waterboundary.dat and water.dat must be in the base folder. (someday I’ll change that but I am still trying to figure out what to do with them).

I have built simulations with 7000 folders using this tool. It is very handy if you need to automate the creation of files. I use SAS to populate the excel data file programmatically.