SpreadSheet User's Manual

HW 6B, auth: Matt Bauchspies

Code written by Mike Yarmoshik, Matt Bauchspies, Elroy Mbabazi, Max Yim

Thanks for using our SpreadSheet program. We intended the program to be as easy to use as possible, so there are relatively few requirements from the user beyond entering the formulas.

When the program is first run, it asks you for your desired SpreadSheet dimensions. We recommend choosing a value larger than you need, as this is a permanent choice for the sheet, but left as a feature as smaller sheets will run more efficiently if you only need a small sheet.

This will boot the SpreadSheet, which now allows you to enter formulas. The valid operations are addition, subtraction, multiplication, division, exponentiation, and modulus. The SpreadSheet also handles priority of functions, as well as parentheses. When you enter a value into a cell, it will update after you either hit enter, or click off the cell when it's in an editable state. Dependencies function as you'd expect, and the respective cells update as needed. A single click on a cell will show its formula, and a double click will allow you to edit the value. Hitting enter will update the cell to the new value.

You can save a SpreadSheet using the Save button in the menu, or CTRL+S, and can likewise load a SpreadSheet using the Open button in the menu, or CTRL+O. The files are saved as a .txt extension.