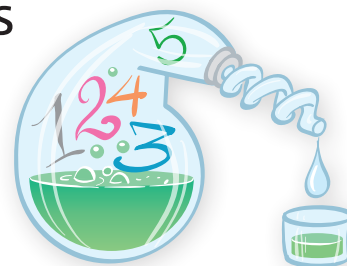


Digistiller 1.1

Extract weekly, monthly or yearly values from daily spreadsheet data

Release: **January 1, 2013**
Latest version: jfbraun.com/digistiller
Author: **Joakim Braun** joakim.braun@jfbraun.com
Pricing: **Freeware** (Donations welcome to PayPal account joakim.braun@jfbraun.com)



What is Digistiller?

Digistiller is a utility for newspaper and magazine designers who do a lot of graphing in Adobe Illustrator. A common problem is that the raw graph data (share and index values, for instance) has daily data points. This yields visually unattractive graphs that bog down Illustrator.

Digistiller extracts weekly, monthly or yearly data from daily data. Digistiller can also remove repeated date values (such as years), and add quote characters to numeric dates. You'd typically do this manually in Excel when preparing graph data for Illustrator.

Digistiller also performs simple percent, indexing and index-to-column calculations.

How to use

- Copy data from a spreadsheet application such as Excel. The leftmost column should contain dates. Multiple columns works fine (Digistiller isn't limited to two columns).
- Paste (cmd-V) into the left-hand Digistiller input table.
- Select an appropriate filtering in the toolbar (such as "First value of month").
- Select and copy the values you want from the right-hand Digistiller output table.

The screenshot shows the Digistiller application window. At the top, there are several controls: a dropdown for "First value of week" (set to "Mon"), a dropdown for "Output date format", a dropdown for "Calculation" (set to "Percent (start = 0)"), and three checked checkboxes: "Aaa", "Skip repeats", and "Add quotes". Below these are labels for "Date caps", "Repeated dates", and "Numeric dates".

The main area is divided into two tables. The left table is the input table, and the right table is the output table. Both tables have columns for "Date", "SPX Index", and "omxs30".

Two blue circles with white text are overlaid on the tables. The first circle, on the left, says "Paste spreadsheet data here" and is positioned over the input table. The second circle, on the right, says "Copy filtered data from here" and is positioned over the output table.

Date	SPX Index	omxs30
2012-08-31	1 406,580	1 043,928
2012-09-03	1 406,580	1 049,519
2012-09-04	1 404,940	1 035,744
2012-09-05	1 403,440	1 038,125
2012-09-06	1 432,120	1 058,452
2012-09-07	1 437,920	1 070,870
2012-09-10	1 429,080	1 067,565
2012-09-11	1 433,560	1 076,574
2012-09-12	1 436,560	1 085,757
2012-09-13	1 436,560	1 086,300
2012-09-14	1 436,560	1 114,979
2012-09-17	1 436,560	1 108,529
2012-09-18	1 436,560	1 100,984
2012-09-19	1 436,560	1 106,430
2012-09-20	1 436,560	1 100,235
2012-09-21	1 436,560	1 099,888
2012-09-24	1 436,560	1 099,731
2012-09-25	1 436,560	1 105,725
2012-09-26	1 436,560	1 088,160
2012-09-27	1 436,560	1 083,619
2012-09-28	1 436,560	1 072,450
2012-10-01	1 445,750	1 085,139
2012-10-02	1 445,750	1 084,974
2012-10-03	1 450,990	1 080,245
2012-10-04	1 461,400	1 083,095
2012-10-05	1 460,930	1 093,540
2012-10-08	1 455,880	1 079,908
2012-10-09	1 441,480	1 073,658
2012-10-10	1 432,560	1 061,554
2012-10-11	1 432,840	1 065,342
2012-10-12	1 428,590	1 058,696

Date	SPX Index	omxs30
Aug	0,00	0,00
Sep	0,00	0,54
	1,60	2,26
	3,88	6,19
	3,58	5,35
Okt	2,70	3,95
	3,50	3,45
	2,39	1,89
	1,94	2,24
	0,38	1,12
Nov		1,86
		0,80
		0,71
		2,40

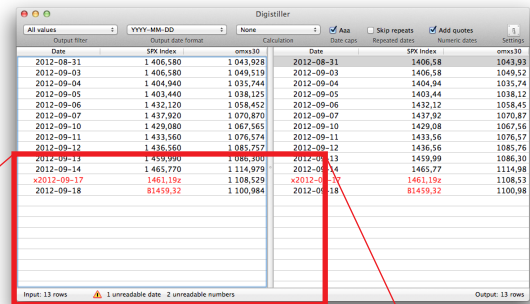
Input: 66 rows Output: 14 rows

Parsing problems

Digistiller imports text from the clipboard. It needs to convert date text into actual date representations (that can be used for date calculations, such as “last date of month”) and numeric text into floating-point numbers (for indexing and the like).

If problems occur, this is indicated by **red text** in the tables and an error message in the bottom bar.

If this happens, you can try to fiddle with the “Settings” dialog (described below), or customize your spreadsheet application to display data in a format that Digistiller understands.



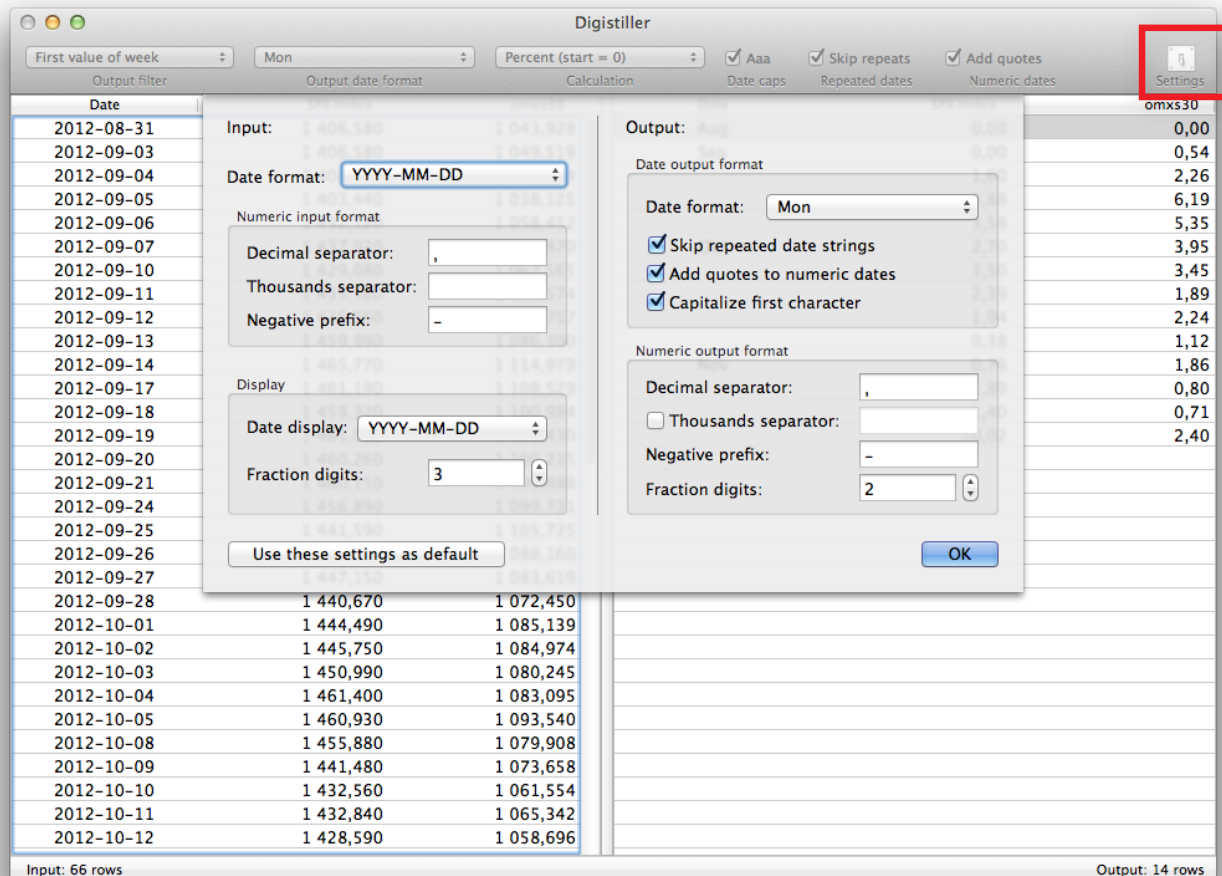
Bad data that can't be parsed.

Parsing errors are indicated like this.

2012-09-13	1 459,990	1 086,300	2012-09-13
2012-09-14	1 465,770	1 114,979	2012-09-14
x2012-09-17	1461,19z	1 108,529	x2012-09-17
2012-09-18	81459,32	1 100,984	2012-09-18

Settings

Parsing of clipboard data (dates and numbers) and formatting of the output can be customized by clicking the “Settings” button in the toolbar. If you have problems with the parsing of dates and numbers (indicated as shown above), this is where you tell Digistiller how to read the clipboard data. Settings are window-specific, not global.



Settings button.

Various issues

- *Unparseable dates:* As described above, if Digistiller indicates that it can't parse the date text in the leftmost column, you can fiddle with Digistiller's settings or adjust the cell formats used by your spreadsheet application.

If you're a hacker, you can also edit the "inputDateFormats" entry in the defaultPrefs.plist file in the Resources directory of the application package. The "format" key defines the date format according to the [Unicode Technical Standard #35](#) specification.

If you're not a hacker, contact me and I will see if I can update Digistiller to work with your date format.

- *Unparseable numbers:* See "Parsing problems" above.
- *Adobe Illustrator problems:* Adobe Illustrator isn't smart about handling floating-point numbers pasted into graphs, or about dates that are numeric (it will treat the year "2013" as a number unless wrapped in quotes). To fit Digistiller's output to what Adobe Illustrator expects, you may need to adjust Digistiller's output settings (as described on the previous page).

System requirements

- MacOSX 10.7.

Version history

- 1.0 Nov. 27, 2012 First release
- 1.1 Jan. 1, 2013 Added percent and index calculation support.
Added various input and output settings.

Credits

- BWToolkit created by Brandon Walkin (brandonwalkin.com/bwtoolkit)