Instructions for Getting Data into Google Earth

21/10/14

1. Making simple placemarks in Google Earth from an Excel table

An excel sheet can be set up with lat/long data and then put through a website like the one below.

Separate sheets in the same file create separate folders in Google Earth

Go to the website here and navigate to the “Excel to KML” sheet shown and follow the instructions.

www.earthpoint.us

Excel To KML - Display Excel files on Google Earth.

A user account is recommended for the features on this web page.

Import a spreadsheet of lat/long coordinates to Google Earth. Pop-up balloons, icons, and paths are easily created from the spreadsheet data.

	A	B	C	D	E
1	Latitude	Longitude	Name	Description	Icon
2	43°36'34.86"N	116°12'23.30"W	BAM	Art museum	12
3	43 36 33.22	-116 12 18.40	Roses	Nice garden	111
4	43.608879028	-116.20320277	Zoo	Great visit	186

Sample points plotted onto Google Earth.

Latitude and Longitude are all that is needed to create a basic display on Google Earth. Add a Name, Description, and an Icon for a professional presentation.

Advanced features support GPS tracks, Time Sliders, and Grid Coordinates.
To get started, read the Quick Start instructions or download the sample data ExcelToKmlDemo.zip.

NEW: AppendDataColumnsToDescription accepts a list of column names.

Select an Excel file (xls, xlsx, xlsm, xlsb, txt, or csv)
Your browser does not support iframes.

If you need help getting started, or if you have ideas for improvement, please write or call.

Quick Start

- Open Excel.
- Enter these words into separate cells on the first row: "Latitude", "Longitude", "Name", "Description", and "Icon".
- On the rows that follow, enter the attributes of each point.
- "Latitude" and "Longitude" are required. The other columns are optional.
- "Name" is the label that appears next to each icon on Google Earth.
- "Description" is the text that appears in the Google Earth pop-up balloon. An Excel formula can be used to combine data from several columns.
- "Icon" designates the icon that is displayed for each point. An easy way to get an icon is to enter a number from the table below. If the Icon column is left blank or if it is missing, icon number 166 is displayed. You can also enter an icon's "www" web address. If you don't want an icon, enter the word "none".
- Save the worksheet.
- Click the "Browse" button above and select the worksheet you just created.
- Click the "View on Google Earth" button.

To Save The File

- In the "Places" window of Google Earth, right-click the folder "Earth Point Excel To KML".
- From the pop-up menu, select "Save As".

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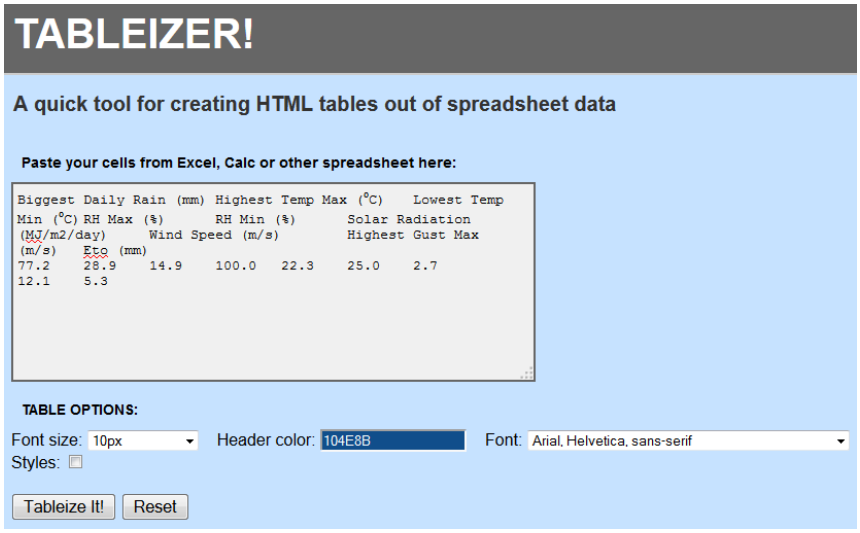
2. How to Create HTML Tables for Google Earth from Excel Data

1. Select the data you would like to use for the table, including headings.

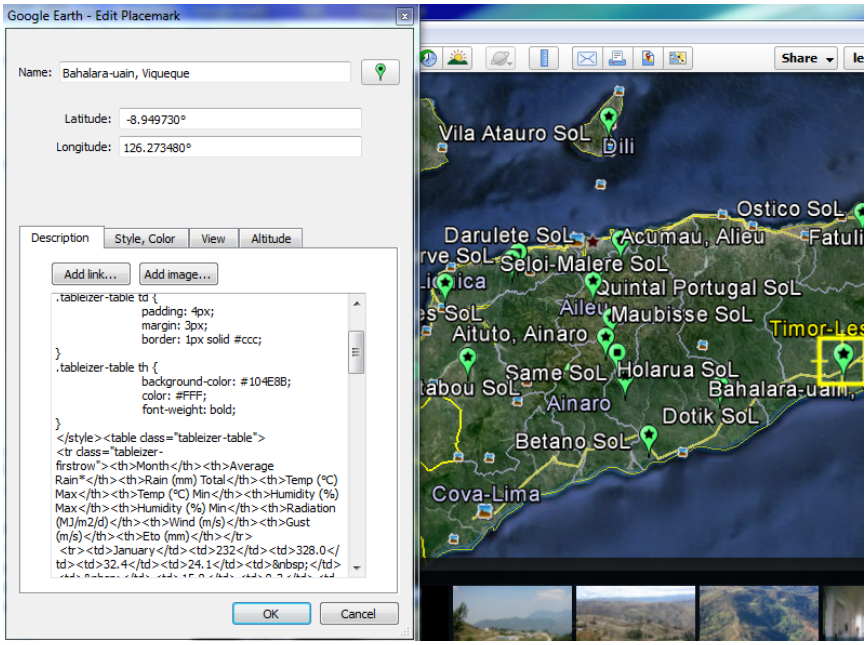
2. Navigate to a HTML conversion website like: http://tableizer.journalistopia.com/

3. Paste cells as directed (formatting will appear incorrect, but will resolve in the recoding process):



4. Select desired text settings (size, font, color) and hit “tableize” button

5. Copy **full** HTML script and paste in “description” field in google earth (right click desired point and choose “preferences”).



Useful HTML Commands:

1. Paragraphs: your text

2. Space breaks: insert
 after your command to create space between paragraphs/lines of text.

3. Simple Code for pop-up boxes with excel data

There's an easy way of combining several columns of data in excel ready to export to Google Earth using some simple code.

Eg if I want 4 columns of data to be shown in the description box in Google Earth then I need to combine those columns into one and add in code.

Here's an example to type in the cell: ="Name: "&C2&"
Certificate: "&D2&"
Variety: "&E2&"
Other Variety: "&F2&"
Est Hectares: "&G2&"
Est Production: "&H2

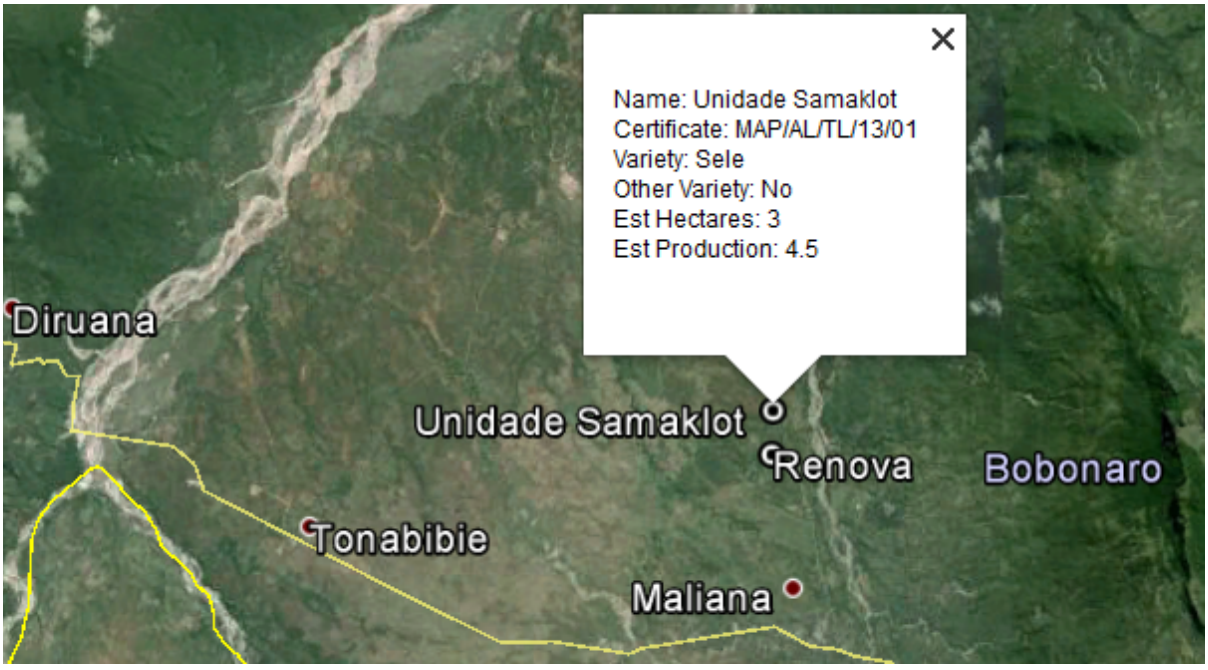
This puts the word "Name: " into the GE description box, followed by whatever is in cell C2. Then
/ tells GE to make a new line and then it writes the word "Certificate" and so on.

	A	B	C	D	E	F	G	H	I	J
1	Latitude	Longitude	Name	Certificate	Variety	Other	Est. Ha	Est.prod	Description	Icon
2	-8.9573	125.2137	Unidade Samakl	MAP/AL/TL/13/01	Sele	No	3	4.5	Name: Unidade Samaklot Ce	98
3	-8.9637	125.2136	Renova	MAP/AL/TL/13/02	Sele	No	4	6	Name: Renova Certificate: M	98
4	-8.7102	125.2285	Licavou	MAP/ANR/TL/13/01	Sele	Noim	4.5	7.75	Name: Licavou Certificate: M	98
5	-8.47708	126.5945	Iralaku	MAP/ANR/TL/13/02	Sele	No	2	3	Name: Iralaku Certificate: M	98
6	-8.60541	126.3995	Uaikele	MAP/BCU/TL/13/01	Sele	No	4	6	Name: Uaikele Certificate: M	98
7	-8.47311	126.5032	Waiteque	MAP/BCU/TL/13/02	Sele	No	4	6	Name: Waiteque Certificate	98
8	-8.60252	126.3886	Waidaba	MAP/BCU/TL/13/03	Nakroma	No	9	22.5	Name: Waidaba Certificate:	98
9	-8.47311	126.5032	Mua Sufa	MAP/BCU/TL/13/04	Nakroma	No	9	22.5	Name: Mua Sufa Certificate:	98
10	-9.087	125.6837	Baikotu	MAP/BCU/TL/13/05	Nakroma	No	4	10	Name: Baikotu Certificate: M	98

Full text in cell I2 is:

Name: Unidade Samaklot
Certificate: MAP/AL/TL/13/01
Variety: Sele
Other Variety: No
Est Hectares: 3
Est Production: 4.5

The result in Google Earth is:



Note that it has taken the different names and codes from each column in excel and made a little pop-up box that comes up when you click on the point.