Spreadsheet

Tiki Spreadsheet performs calculations on user entered numeric data and presents the resulting data in tables and/or graphics within Tiki pages. The documentation describes the various available calculations performed by the Tikisheet.

Enable theÂ feature

Overview

Sheet management

- Graph
- History
- Export
- Import

Create graphics and charts

View spreadsheet modification history

Save the spreadsheet data in an other format

Load data from an other data source

Edit

Delete

Modify the parameters of the spreadsheet

Deletes the spreadsheet

Add one

Insert this code in a wiki page in order to have on spreadsheet added there:

{sheet}

And follow the instructions/links that you will be provided in the page after saving it.

Usage -Â text

Cell Navigation

- Left Arrow - Active cell moves left if possible
- Right Arrow - Active cell moves right if possible
- Up Arrow - Active cell moves up if possible
- Down Arrow - Active cell moves down if possible

Cell Highlighting With Arrow Keys

- Left Arrow + Shift - Highlights left if possible
- Right Arrow + Shift - Highlights right if possible
- Up Arrow + Shift - Highlights up if possible
- Down Arrow + Shift - Highlights down if possible

Editing

- Escape - Active cell is removed from focus
- Enter - Active cell is set and cell moves down if possible.
- Shift + Enter - Adds a line break to the cell's value
- Tab - Active cell is set and active cell moves right if possible
- Ctrl + X - Cut
- Ctrl + C - Copy
- Ctrl + V - Paste

Undo & Redo

- Ctrl + Z - Undo
- Ctrl + Y - Redo

A formula is the reason why spreadsheets are so powerful. jQuery.sheet has a very powerful and secure formula engine that can be used in the following way:

- Starting a cell's value with '=' activates the formula engine on the active cell(s) you are editing, for example (results in 100):



=100

  - This would really be the same as setting the cell's value to '100'
- Now lets start really using formulas (results in 0.03):



=(100 + 200) /1000

jQuery.sheet v3 offers the option of creating and referencing variables (see jQuery.sheet setting **formulaVariables**)

- Example of using simple variable in formula:

=variable_name

Variables can also have attributes:

- Example of using variable with attributes in formula:

=variable_name.attribute

- Example of using variable with math:

=100 * variable_name

Functions are where much of the work is done within spreadsheets. Here is how to use them:

- To use the SUM function, enter the following:

=SUM()

- To use SUM with a single cell:

=SUM(A1)

- To use SUM with a range of cells:

=SUM(A1:B2)

- Nested functions:

=DOLLAR(SUM(A1:B2) + SUM(D1:E2))

Available Function (To be written)

Cells can be referenced in the following ways:

- Single cell - example:

A1

- Range of cells - example:

A1:B2

- Single cell fixed - example:

$A$1

- Range of cells fixed - example:

$A$1:$B$2

- Other spreadsheet single cell - Example:

SHEET2!A1

- Other spreadsheet range of cells - Example:

SHEET2!A1:B2

Copy-Paste from a desktop spreadsheet

See:

Function	Arguments
ABS	numbers_as_array
AVERAGE	values_as_array
CEILING	numbers_as_array
COUNT	html_as_string

Example

"=ABS(F4)"

"=AVERAGE(F4:F14)"

"=CEILING(F4:F14)"

"=COUNT(F2:F14)"

Result

62

46.923076923076923

6,21E+016

13

Additional Information

Synonym:?AVG

Sample #	Sample Text
23	Hello World
45	True
62	False
108	To High

DAYSFROM url_as_string

DOLLAR numbers_as_array

FALSE

FIXED number, decimals, noCommas?

FLOOR numbers_as_array

HYPERLINK

IF IF(logical_test, value_if_true, value_if_false)

IMG

"=DAYSFROM(2009,4,15)"

"=DOLLAR(F13)"

"=IF(F4 < 100, TRUE(), FALSE())"

"=FIXED(F4+F14)"

"=FLOOR(F4-F5)"

"=HYPERLINK("http://www.jquery.com", "jQuery's website")"

"=IF(F12 < 100, TRUE(), FALSE())"

"=IMG("http://ui.jquery.com/images/logo.gif")"

-11

$55.00

TRUE

41.00

-46

jQuery's website

TRUE

Two decimal places

Synonym: INT

Can have nested IF functions.

The url can be sensitive to numbers. Also, on initial load, because the image doesn't really have a size, the outerheight can be distorted. An easy way to offset this is to have some text in front of it that's taller than the image .

200 To Low

36 Perfect

17 number

99 numbers_as_array

100 values_as_array

-100 html_as_string

-14 url_as_string

55 values

Cell Navigation

Left Arrow

Right Arrow

Up Arrow

Down Arrow

Escape

Enter

Ctrl + Enter

Tab

Result

Active cell moves left if possible.

Active cell moves right if possible.

Active cell moves up if possible.

Active cell moves down if possible.

Active cell is removed from focus.

Starts in-place edit / Active cell moves down if possible.

Ends in-place edit / Active cell moves down if possible.

Active cell moves right if possible.

Dependancy

jQuery.sheet.evt.cellClick()

jQuery.sheet.evt.cellClick()

jQuery.sheet.evt.cellClick()

jQuery.sheet.evt.cellClick()

jQuery.sheet.evt.cellEditAbandon()

jQuery.sheet.evt.formulaKeyDown()

jQuery.sheet.evt.formulaKeyDown()

jQuery.sheet.evt.cellClick()

Synonym

jS.evt.cellClick()

jS.evt.cellClick()

jS.evt.cellClick()

jS.evt.cellClick()

jS.evt.cellEditAbandon()

jS.evt.formulaKeyDown()

jS.evt.formulaKeyDown()

jS.evt.cellClick()

Chart Type **Example**

Chart

Data Month Year

Vertical Bar "=BARCHART(D2:D13)

Horizontal Bar "=HBARCHART(D2:D13)

<svg height="172" width="421" version="1.1" xmlns="http://www.w3.org/2000/svg"><desc>Created with RaphaÃ«l</desc><defs></defs><path d="M80,139L58,139L58,127L80,127Z" stroke="none" fill="#1751a7"></path><path d="M108,139L86,139L86,1

<svg height="148" width="421" version="1.1" xmlns="http://www.w3.org/2000/svg"><desc>Created with RaphaÃ«l</desc><defs></defs><path d="M53,27L53,20L95,20L95,27Z" stroke="none" fill="#1751a7"></path><path d="M53,36L53,29L116,29L116,

<svg height="220"

4 Jan 2001

6 Feb 2002

Inputs are for capturing fixed data, such as a drop down list (INPUT.SELECT), or a checkbox (INPUT.CHECKBOX)

Input Type

Select List

Radio List

Checkbox

Get Select List Value

Get Radio List Value

Get Checkbox Value

Detect if Checkbox is Checked

Example

"=INPUT.SELECT(D3:D10)"

"=INPUT.RADIO(E3:E10)"

"=INPUT.CHECKBOX(E3)"

"=INPUT.SELECTVAL(C3)"

"=INPUT.RADIOVAL(C4)"

"=INPUT.CHECKBOXVAL(C5)"

"=INPUT.ISCHECKED(C5)"

Lorem Proin Aliquam Quisque Aliquam Vivamus Etiam Donec

Lorem

4

Donec

Lorem

FALSE

Data Number	Data String
34	Lorem
-20	Proin
123	Aliquam
123	Quisque
4	Aliquam
534456	Vivamus
3	Etiam
1	Donec

Function	Arguments
FACTORIAL	number
COMBINATION	number, number
PERMUTATION	number, number
GAMMA	number
PRECISION	num, precision
MINIMUM	array
MODE	array
MAXIMUM	array
MEAN	array
SUM	array
MEDIAN	array

Example	Results	Additional Information
'=FACTORIAL(5)'	120	
'=COMBINATION(7,5)	21	
'=PERMUTATION(7,5)	2520	

Sample # Sample Text

Usage -Â Graphs

For the time being, see this external documentation page:
https://github.com/Spreadsheets/WickedGrid

See also:

Chart Type Example

Chart Data Month Year

Vertical Bar "=BARCHART(D2:D13)



Alias

- Sheet
- TikiSheet
- Tiki Sheet
- Spreadsheets