Table - User Manual

Introduction

Table is a plugin for Rhino 3D, designed to add the possibility to create, import, or edit spreadsheets in your Rhino document.

Plugin installation

Overview

The plugin installer can be downloaded at: https://www.tomkod.com/product/tables/ A free trial is included, and yearly licenses can be purchased on the aforementioned page. *Table* works with Rhino 5¹, Rhino 6², and Rhino7³, but some features are not included in the Rhino 5 version.

Yak

Our plugins are also compatible with <u>Yak</u>, Rhino's new package manager ⁴⁾, which is basically an application store for Rhino. You just need to call Rhino's command **_PackageManager**:

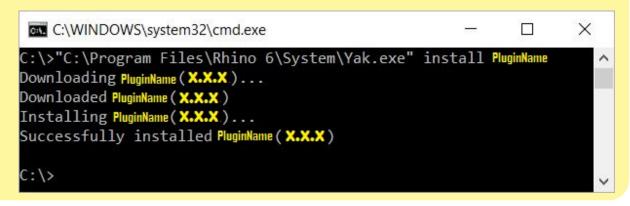
				_
a fast Analysis of you OrawUserTexts	tool designed to give you	 Name: Downloads: Author: Installed: Version: Date publisher 	AttributeAnalysis 3 Matthieu Arnold (Tor 2.0.4-beta ~ d: Iundi 14 décembre 20	020
tools for your 2D drav	vi ey v1.0.3-beta allows your technicians to	fast Analysis o an attribute: al automatically	https://www.tomkoc product/attribute-an ysis is a tool designed to if your rhino model attri Il your objects will be co and a color key table wi i will also be able to sele	give you a butes. Select forized II be
MarineWeightSci The Marine Weight Sci generate a bill of mass	chedule plugin for Rhino6 can	attributes.		
RhinoBeamTools Rhino Beam Tools is a between Rhino and s	rhino plugin built as a bridge		[Install

You can also install from the repository with the following command line:

"D:\Program Files\Rhino 6\System\Yak.exe" install 'PluginName'

If you add this in a batch file (*.bat) at windows startup, it is probably the best way to keep all your plugins up-to-date 😳





License activation

Prerequisites

The free evaluation can be used once per computer, and requires network access to www.license.tomkod.com The license activation requires network access to www.tomkod.com

Please check your firewall in case of failure.

Activation form

The activation window automatically shows up when the plugin is loading and a valid license or trial is not registered. If you want to see, change or remove your license while the plugin is already loaded, you can use the Rhino commands **PluginName_License**.

Activation status is always visible on the upper right corner of the form, if the icon is green your plugin will be enabled:

\bigcirc

Trial Tab

This first tab is dedicated to the trial requests. Your trial status is displayed, and the button is disabled if a trial is not available for your computer (Your trial has already been activated, or the server is unreachable)

TomKod license activation -	Table 3.x	?	×
TomKod > Softwares for users, by users	Plugin Status Enabled - license is valid	0)
Free Trial License Commercial	License Details		
Computer ID:	Ref Local D		
Re	equest Free evaluation (*)		
	equest Free evaluation (*) date: 21/12/2020)		

Commercial Tab

This tab's two main buttons let you Check-out (Activate) or Check-in (Desactivate) your license from

our license server.

TomKod license	e activation - Table	e 3.x		?	×
TomKod Softwares for user		Plugin Statu Enabled - I	us icense is valid	0	
Free Trial License	Commercial Licens	e Details			
Email	1	.com			j
Product key	<u> </u>				Ì
	ate (Check-Out)		Desactivate ((Check-in)	
Enable floa	ting licenses (Affe	cts every To	omKod plugins)		
Use a license ce	rtificate				
	sative method for of roid network activa				

When the checkbox "Enable floating licenses" is checked, every TomKod's plugin will try to deactivate the license automatically when closing (Making it available for another of your computers)

Finally, a license certificate (*.TkLic) can be selected at the bottom of this tab. It allows to activate a license offline, but the license won't be floating anymore. If you need one, contact us at https://www.tomkod.com/contact/

Toolbar

The toolbars for Rhino are always included in your plugins installation directory, or can be downloaded here.

You just have to drag/drop the file "Tomkod.rui" to a rhino window to install them.

Features and commands

Table_About

This command can be used only from the command line prompt. It displays the plugin's current revision and license status.

About	×
[Table_RH6 - v3.1.2.0	^
Commercial Name: Table 3.x Update Status: Table 3.x: Your current version (3.1.2.0) is an early release candidate. Latest stable version: 3.1.1 Editor: TomKod Copyright: Copyright ©Ship-ST 2020	
License status;	
Commercial license: Disabled	
Trial status: Accepted	
Computer ID: TomKodDevComputerUniqueID	
CHANGELOG:	
3	
v3.1.2 (21 dec. 2020)	
Added: Keywords for yak package	
¢	
6 available commands	
Table License	
Table_About	
TableCreate	
TableEdit	
TableImport	
TablesReload	¥
Copy All Save As	
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Table_License

This command can be used only from the command line prompt. It displays the plugin's activation form.

See license_activation.

TableCreate

Walkthrough

The command **TableCreate** allows creating a new table directly from Rhino. At first, it will show a basic spreadsheet editor:

This				
	is			
		A		
			Test	
1	2	3	4	5

Afterward, the user will be able to pick the Table's insertion point, with a real-time preview. ⁵⁾

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This				-
	is	1	ť.	
i i		A		
			Test	
1	2	3	4	5

Options

TableLocation (FontHeight=10 Corner=UpperLeft TitleRow=None Font):

Name	Description	
FontHeigh	t Sets the text heig	ht
Corner		should be used as snap point. es are: UpperLeft, UpperRight, LowerLeft, LowerRight
	None	No title row will be added
TitleRow	Above	A title row will be added above the table content
	Below	A title row will be added below the table content
Font	TableImport Please select a font AcadEref AIGDT AmdSymbols AMGDT Amienne Arial Arial Black Amprior Bahnschrift Condensed OK	Pops up a dialog to let the user select the required font family

TableEdit

The command **TableEdit**⁶⁾ allows us to edit a table created or imported with our plugin. It works the same as the command TableCreate, except that the user will be asked to select an existing table to edit.

The same spreadsheet editor and options are available.

TableImport

Walkthrough

The command **TableImport** allows to import a spreadsheet from an Excel file (.xls, .xlsx) or from a csv file (.csv). After launching the command, a dialog offers to select a compatible file:

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Accès rapide	^	Nom	Modifié le	Type		Tailfe	e
Bureau # Documents		🛃 test.xisx	2020-06-29 09:56	Feuil	e de calcul Micr		9 Ко

If the excel file has several worksheets, the user will be asked to pick one among the list:

Sheet1		
Sheet2		

Scripted mode

This command can be scripted using RhinoScript or your own macros:

Command: -TableImport Information: In scripted mode, your csv file must use ";" as separator. Enter a file path to import (*.csv, *.xls, *.xlsx):

Options

TableLocation (FontHeight= 10 Corner=UpperLeft TitleRow=None Font):

Name	Description			
FontHeight	Sets the text he	eight		
Corner	Sets which angle should be used as snap point. The possible values are: UpperLeft, UpperRight, LowerLeft, LowerRight			
	None	No title row will be added		
TitleRow	Above	A title row will be added above the table content		
	Below	A title row will be added below the table content		

Last update: 2021/11/04 14:26	start:plugins:table:table-usermanual https://wiki.tomkod.com/doku.php?id=start:plugins:table:table-usermanual
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Name	Description	
Font	🛃 Tableimport 🛛 🗙	
	Please select a font	
	AcadEref AIGDT AmdtSymbols AMGDT Amienne Arial Arial Black Amprior Bahnschrift Bahnschrift Condensed	
	OK Cancel	Pops up a dialog to let the user select the required
	font family.	
SpreadSheetIndex For excel import, sets the worksheet ⁷⁾ index. (Scripted mode only) (Default is 0, meaning first tab)		

TablesReload

This command will reload every tables from their original document (.xls, .xlsx, .csv). The tables whose original file can't be found⁸⁾ will be ignored, as well as tables created inside Rhino (No external references).

TableDuplicate

The command **TableDuplicate**⁹⁾ allows us to duplicate a table created or imported with our plugin. Using this command instead of Rhino's to duplicate a Table avoids the issue of sharing the same DimensionStyle between a table and its copy.

```
1)

Rhino 5.12 or higher

2)

Rhino 6.15 or higher

3)

Rhino 7.5 or higher

4)

Rhino 6 or later only, with graphic user interface for Rhino7 only

5)

In rhino5, the preview might not display the texts with the selected font

6) , 9)

Only available with Rhino 6-7

7)

Excel tab

8)
```

From *Table* 3.3.3, both the absolute path and the relative path are stored in the Tables' user texts. When reloading, the command will first try to use the absolute path, and if it fails it will fall back to using the relative path.

From: https://wiki.tomkod.com/ - **TomKod knowledge base**

Permanent link: https://wiki.tomkod.com/doku.php?id=start:plugins:table:table-userm anual



