# **Selection Tools - User Manual**

# Introduction

Selection Tools is a plugin for Rhino 3D, designed to provide additional selection tools.

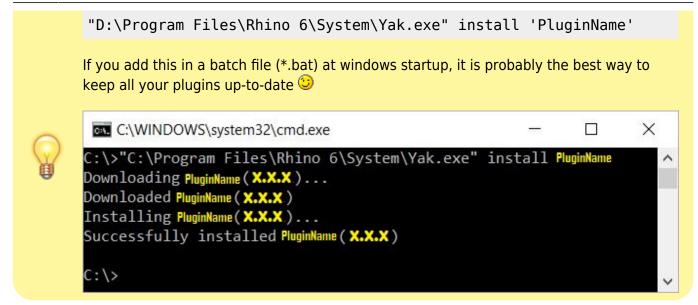
# **Plugin installation**

The plugin installer can be downloaded at: https://www.tomkod.com/product/selection-tools/ A free trial is included, and yearly licenses can be purchased on the aforementioned page. *Selection Tools* works for Rhino 6<sup>1)</sup> and Rhino7<sup>2)</sup>.

# Yak

Our plugins are also compatible with <u>Yak</u>, Rhino's new package manager<sup>3)</sup>, which is basically an application store for Rhino. You just need to call Rhino's command **PackageManager**:

mkod		
	AttributeAnalysis v2.0.4-beta   AttributeAnalysis is a tool designed to give you a fast Analysis of your rh v1.0.5-rc   DrawUserTexts v1.0.5-rc   This plugin for Rhino6 brings several life changing tools for your 2D drawi v1.0.3-beta   LightweightSurvey v1.0.3-beta   This plugin for Rhino allows your technicians to conduct a vessel \$ s full su v1.1.0   MarineWeightSchedule v1.1.0   The Marine Weight Schedule plugin for Rhino6 can generate a bill of masses v1.1.0	Name: AttributeAnalysis   Downloads: 3   Author: Matthieu Arnold (TomKod)   Installed: Version:   Version: 2.0.4-beta *   Date published: lundi 14 décembre 2020   Url: https://www.tomkod.com/ product/attribute-analysis/   Description: AttributeAnalysis is a tool designed to give you a fast Analysis of your rhino model attributes. Select an attribute: all your objects will be colorized automatically and a color key table will be displayed. You will also be able to select objects by attributes.
RHT	RhinoBeamTools v1.1.2 Rhino Beam Tools is a rhino plugin built as a bridge between Rhino and spec	Install
Inches	de pre-releases	Uninstall



# 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:

Plugin Status	
Enabled - license is valid	$\bigcirc$

#### **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)

	Director Orabus		
TomKod >	Plugin Status		
oftwares for users, by users	Enabled - license is valid	$\sim$	
Free Trial License Commercial Li	cense Details		
Computer ID:	and a second		
Rec	uest Free evaluation (*)		
THE	and the componently		
Status: Accepted (End d	ate: 21/12/2020)		
	a second and in the following assess	х. Р	
(*) This button will b - An evaluation			
- An evaluation - Our server is a	is not available for this product	omo der	

#### **Commercial Tab**

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

TomKod licens	e activation - Table	3.х	?
FomKod oftwares for use		Plugin Status Enabled - license is valid	0
Free Trial License	Commercial License	Details	
Email	@	com	
Product key	;		
Status: Dis	abled		
Enable floa	iting licenses ( Affec	ts every TomKod plugins )	
Use a license ce		ts every TomKod plugins )	
Use a license ce Alter	etificate	ts every TomKod plugins ) line activation, using a certification issues, but the license work	

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**

# SelectionTools\_About

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



# SelectionTools\_License

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

See license\_activation.

# SelectByName

Almost the same command as *\_SelName*, except that instead of choosing the name in a list you pick an object in the model. Every object with the same name will be selected.

#### Walkthrough



# SelectByType

Pick an object type in a list to select every object of this type. The list only contains the object types

existing in the model.

#### Walkthrough



### SelectByVolume

Select extrusions or closed polysurfaces with the same volume, which is useful to find symmetrical parts or duplicates.

#### Walkthrough



#### Options

Tolerance Optional tolerance

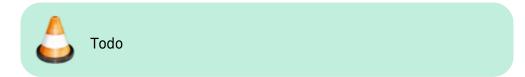
# SelectDuplicatedSolids

Select every duplicated closed polysurfaces based on their volumes and areas.



Symmetrical parts will obviously be considered identical, having both the same areas and volumes.

#### Walkthrough



#### Options

Miningung Numphan	A minimum number can be set. For exemple if set to 3, the selection will ignore
MinimumNumper	A minimum number can be set. For exemple if set to 3, the selection will ignore duplicated items when there are only two of them.

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**Tolerance** Optional tolerance

#### SelectOneObjByName

Select only one object per existing name in the whole model. Useful when readying the model before detail drawings.

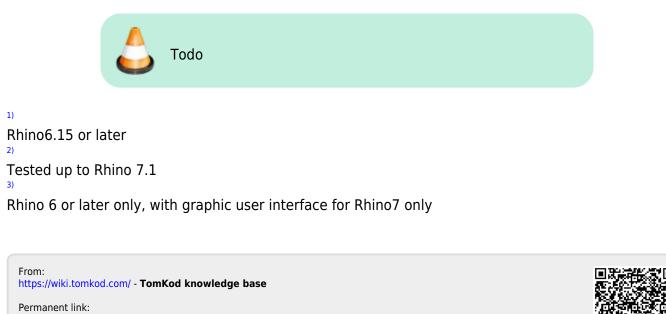
#### Walkthrough



### SelectByBorderDetection

Select only one object per existing name in the whole model. Useful when readying the model before detail drawings.

#### Walkthrough



https://wiki.tomkod.com/doku.php?id=start:plugins:selectiontools:selectiontools-usermanual&rev=1608626663

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