# Attribute Analysis - User Manual

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## Introduction

*Attribute Analysis* is a plugin for Rhino 3D, designed to give you a fast Analysis of your Rhino model attributes.

## **Plugin installation**

## Overview

The plugin installer can be downloaded at: https://www.tomkod.com/product/attribute-analysis/ A free trial is included, and yearly licenses can be purchased on the aforementioned page. *Attribute Analysis* works for Rhino 5<sup>1)</sup>, Rhino 6<sup>2)</sup>, Rhino7<sup>3)</sup>, and as a standalone software<sup>4)</sup>.

## Yak

Our plugins are also compatible with <u>Yak</u>, Rhino's new package manager <sup>5</sup>, which is basically an application store for Rhino. You just need to call Rhino's command **\_PackageManager**:

tomkod		4
@	AttributeAnalysis AttributeAnalysis is a tool designed to give you a fast Analysis of your rh DrawUserTexts v1.0.5-rc	Name: AttributeAnalysis Downloads: 3 Author: Matthieu Arnold (TomKod) Installed: Version: 2.0.4-beta * Date published: lundi 14 décembre 2020
	This plugin for Rhino6 brings several life changing tools for your 2D drawi	Url: https://www.tomkod.com/ product/attribute-analysis/ Description:
۰	LightweightSurvey v1.0.3-beta This plugin for Rhino allows your technicians to conduct a vessel s full su	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
0	MarineWeightSchedule v1.1.0 The Marine Weight Schedule plugin for Rhino6 can generate a bill of masses	attributes.
•	RhinoBeamTools v1.1.2 Rhino Beam Tools is a rhino plugin built as a bridge between Rhino and spec	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 😉

: <pre>C:\&gt;"C:\Program Files\Rhino 6\System\Yak.exe"</pre>	install	PluginName	~
Downloading PluginName (X.X.X.)			
Oownloaded PluginName(X.X.X)			
Installing PluginName(X.X.X)			
Successfully installed PluginName(X.X.X)			

## 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**.

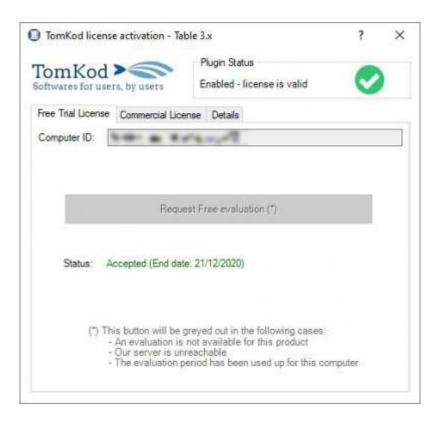
Activation status is always visible on the upper right corner of the form, if the icon is green your plugin will be enabled:



#### 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)



#### **Commercial Tab**

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

omKod	0	Plugin Status	
ftwares for user		Enabled - license is valid	$\sim$
ree Trial License	Commercial License	e Details	
Email		com.	
Product key	<u> </u>	*	
Activ	ate (Check-Out)	Desactivate (	(Check-in)
Status: Dis	abled		
Enable floa	ting licenses ( Affec	ts every TomKod plugins )	
Use a license ce	rtificate		
		fine activation, using a certifi ion issues, but the license wo	
	Undefined		

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 <a href="https://www.tomkod.com/contact/">https://www.tomkod.com/contact/</a>

## 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.

## **Rhino commands**

## AttributeAnalysis\_About

This command can be used only from the command line prompt. It displays the plugin's current revision and license status, as well as the ChangeLog and the list of available commands.

About 3			3
PublibuteAnalysis_BH6_RH7 - v2.0.4.0			~
AttributeAnalysis, RH6,RH7 - v2.0.4.0 Commercial Name Attribute Analysis 2.x Update Status: Attribute Analysis 2.x Your current version (2.0.4.0) is an early release candida Silton TomKod Copyright: Copyright @Ship-ST 2020 Ucame atatus: Attribute Analysis 2.x is a Beta. Activation is not required until the status is changed to comm Carpoter ID: TemKod New ComputerUniqueID CHANGELOG: Summer Copyright (2.0.1) CHANGELOG: Summer Copyright Copyright Provide the schication form, with more feedback and options. Freed (TomKod) Const New Version of the schication form, with more feedback and options. Freed (TomKod) Const New Version of the schication form, with more feedback and options. Freed (TomKod) CopyregaterUniqueID CHANGELOG: Summer Copyright CopyregaterUniqueID Freed (TomKod) CopyregaterUniqueID in a schication form, with more feedback and options. Freed (TomKod) CopyregaterUniqueID in a schication form, with more feedback and options. Freed (TomKod) CopyregaterUniqueID in a schication form and more freedback in a schication form form and the schication form multiple for a schication form form and the schication form schication fo	ter(*:TkLie) messages from th souss.ExpirationOst commercial release update cense not tied anym	e licanse system. e should be used in nore to the compu	
AttributeAnalysis_About AttributeAnalysis AttributeAnalysis			
	100000000000000000000000000000000000000		~
	Copy All	Sere Ac.,	Cine

## AttributeAnalysis\_License

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

See license\_activation.

## AttributeAnalysis

## Walkthrough

- 1. Launch the command
- 2. Select an attribute<sup>6)</sup> from the list (Doublic-click)
- 3. The attribute analysis form is shown and the model's objects are colored to match the keys. The stats are also added to the command line history.
- 4. When the form is closed, the command ends, but the object's selection remains.



## Scripted mode

1)

2)

3)

4)

5)

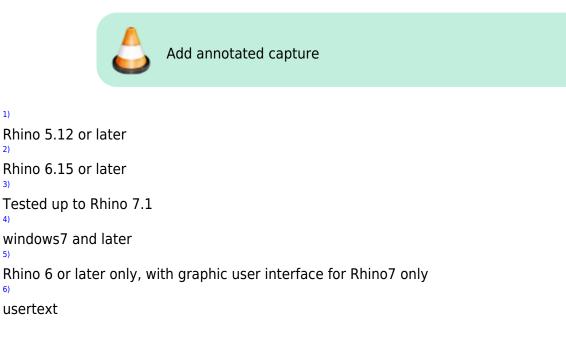
6)

No scripted mode available for this command.

## StandAlone mode



## **Attribute Analysis Form**



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