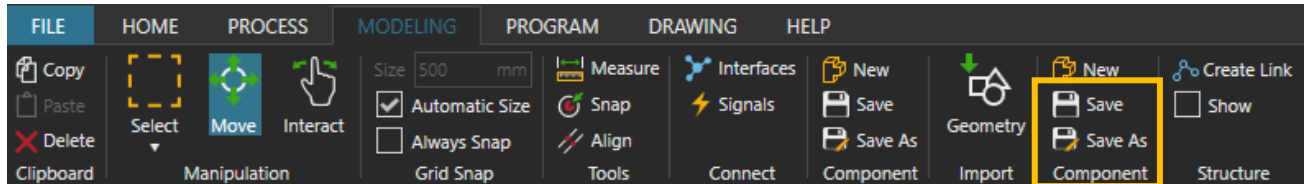


# Getting Started- Saving Component

Visual Components Professional 4.3 | Version: June 10, 2021



In this tutorial, you will learn how to save an imported CAD or save a newly created component in Visual Component as a “Component.”

## Required Software Version:

Visual Components Professional or Visual Components Premium

NOTE: Visual Components Essential users do not have access to the ‘Modeling’ tab and cannot save CAD and reuse it as a component in the layout.

## Support

[support@visualcomponents.com](mailto:support@visualcomponents.com)

## Visual Components Forum

[forum.visualcomponents.com](http://forum.visualcomponents.com)

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## Introduction

A component should be 'Save As' to load and use in any layout opened in the 3D world.

To Save or SaveAs,

1. Select the component in the 3D world.
2. On the Modeling tab, in the Component group, do one of the following:
  - Click Save.
  - Click Save As., and then save the file.

## When to use Save and Save As

**Save** - To save a component to its existing file.

For example, after making some changes to the component called 'ComponentA' and if you want to save those changes to the same "ComponentA."

**Save As** - To save a component as a new file.

For example, after making some changes to the component called 'ComponentA', you want to save the "Component A" as a new component called "ComponentB" with a new VCID.

# Save Component As

When you select 'Save' or 'Save As', Figure 1 Save Component As panel, is displayed with the following fields:

## Basic Info

|             |   |
|-------------|---|
| Name        | Name for the component.   |
| Description | Description of the component.   |
| Type        | Select the Type from the drop-down.   |
| Tags        | Component tag. E.g., For robot tools – Robotic; MIG; arc; welding                         |
| Max Payload | If applicable, component payload. E.g., Robots  |
| Reach       | If applicable, component reachability. E.g., Robots                                       |
| Icon        | Snapshot of the component in the 3D world. The camera position is fixed for the component |

File Save location

**VCID** Visual Components Identifier for the component. This field will be empty while saving the CAD/New component for the first time

New VCID Having this checkbox enabled will create a new VCID. If a component does not have a VCID before, this cannot be unchecked.

Modified Last modified date in format, MM/DD/YYYY

## Authoring

|              |  |
|--------------|--|
| Manufacturer | The manufacturer name of the component |
| Author       | The author name of the component       |
| Email        | Mail Id of manufacturer                |
| Website      | Manufacturer's website                 |
| Company Logo | Manufacturer's company logo            |

## Version

|                         |  |
|-------------------------|--|
| Revision                | Component version number. E.g., 1.0              |
| Auto increment revision | Check this to auto-increment the revision number |
| Is Deprecated           | Check this to hide the component in eCatalog.    |

Save Component As
✕

▼ Basic Info

Name

Description

Type

Tags

Max Payload  kg

Reach  mm

Icon 

Preview Image

File

VCID

New VCID

Modified

▼ Authoring

Manufacturer

Author

Email

Website

Company Logo 

Logo

Change

▼ Version

Revision

Auto increment revision

Is Deprecated

Component Properties
Save Component As

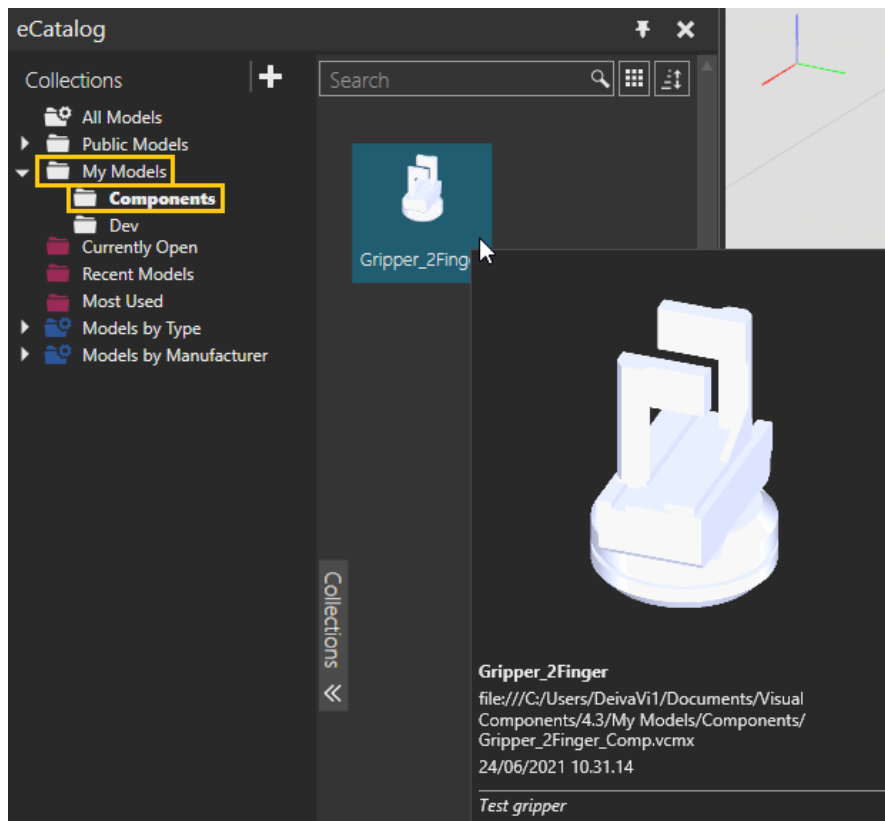
Figure 1 Save Component As panel

# TIPS

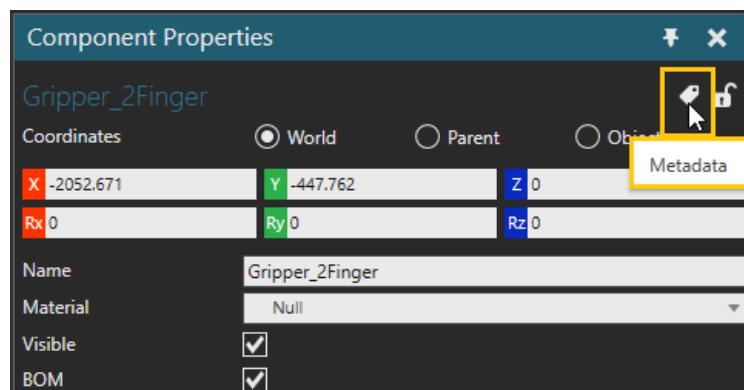
## How to view the metadata

1. Save the component under My Models, C:\Users\%username%\Documents\Visual Components\4.3\My Models\Components

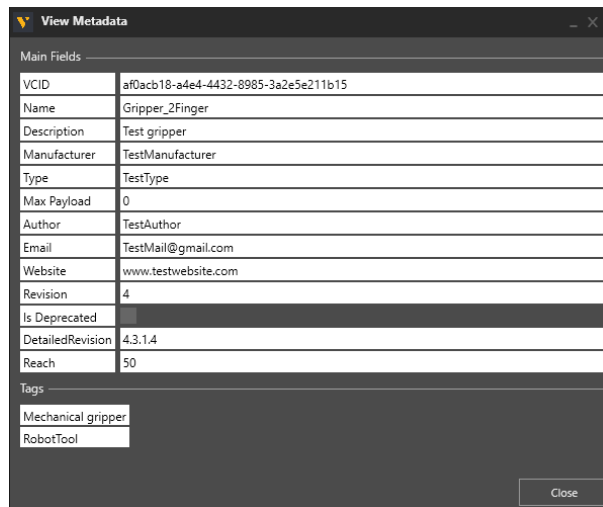
```
Documents
|-- 4.1
|-- 4.2
|-- 4.3
|  |-- My Models
|  |  |-- Components
|  |  |  |-- Griprt_2Finger.vcmx
|  |  |  |--
```



2. The saved component is displayed in the eCatalog collections.
3. Load component to the 3D world and select it. Click the Metadata icon in the Component Properties panel

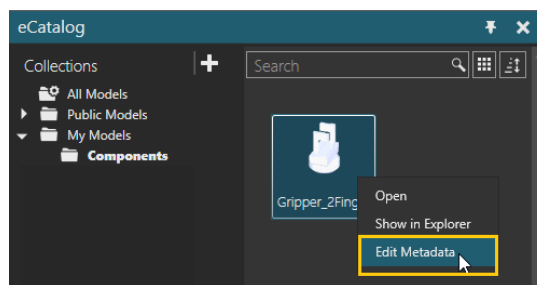


4. 'View Metadata' floating panel is displayed with the saved component info.

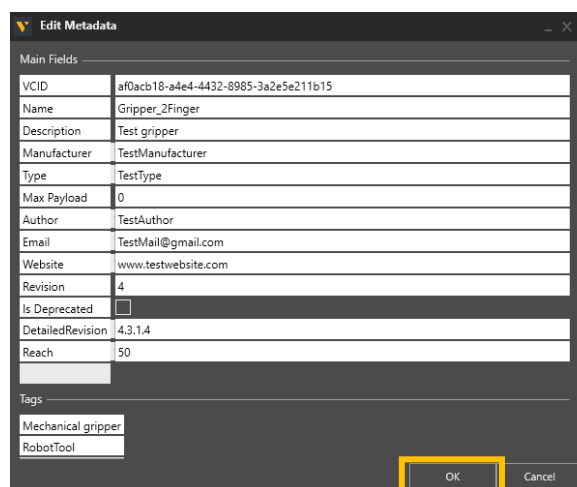


## How to edit the metadata

1. Select the component from eCatalog collections and right-click



2. Click 'Edit Metadata'
3. 'Edit Metadata' floating panel is displayed with the saved component info. Select the field you want to edit and change the values. **VCID** is a unique key identifier of that component and is read-only.
4. After editing the metadata, click 'OK'



NOTE: It is possible to select multiple saved components and edit metadata for the selected.

## Additional Info

### Type

Type entries are populated based on existing Types in eCat.

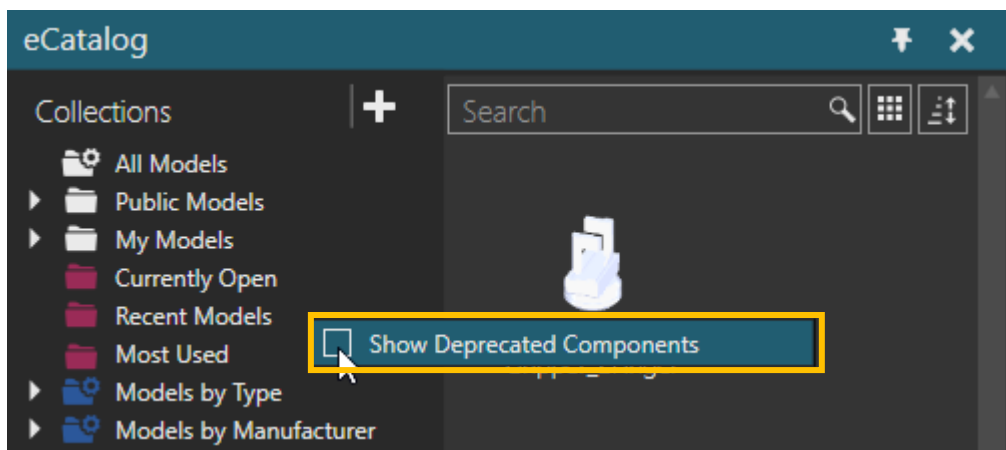
### VCID

VCID of a component is the unique key identifier of that component, and a new key is generated by the application each time a component is saved (note that there is an option on the save panel to retain VCID during the component save process so that a new one is not generated after each saves)

### Is Deprecated

If 'Is Deprecated' is selected while saving the component, the components are not displayed in eCatalog Collections, and they are not included in eCatalog total items<sup>1</sup>.

To load the deprecated component, right-click on the 'Collections' panel and select 'Show Deprecated Components'. The deprecated component adds up to item<sup>1</sup> value.



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<sup>1</sup>Total number of components in eCatalog collections are displayed at the bottom of 'Collections' panel with suffix as 'Items'