

# 2021x Refresh1 Version News



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Cameo Collaborator for Teamwork Cloud 2021x Refresh1 introduces the commit of multiple changes which significantly reduces the number of commits when editing models, the possibility to add hyperlinks to model elements, and further improvements to model editing functionality.

## 2021x Refresh1 Hot Fix available

Due to the Apache Log4j vulnerability issues, the 2021x Refresh1 HF1 has been released on December 22, 2021.

For more information, see [CATIA Magic and No Magic products affected by Log4j vulnerability - CVE-2021-44228, CVE-2021-45046, CVE-2021-44832](#).

## Commit of Multiple Changes

Also, see the Knowledge Base article at <https://kb.dsxcient.3ds.com/mashup-ui/page/result?qai?id=QA00000102301e>.

## Adding Hyperlinks to Model Elements

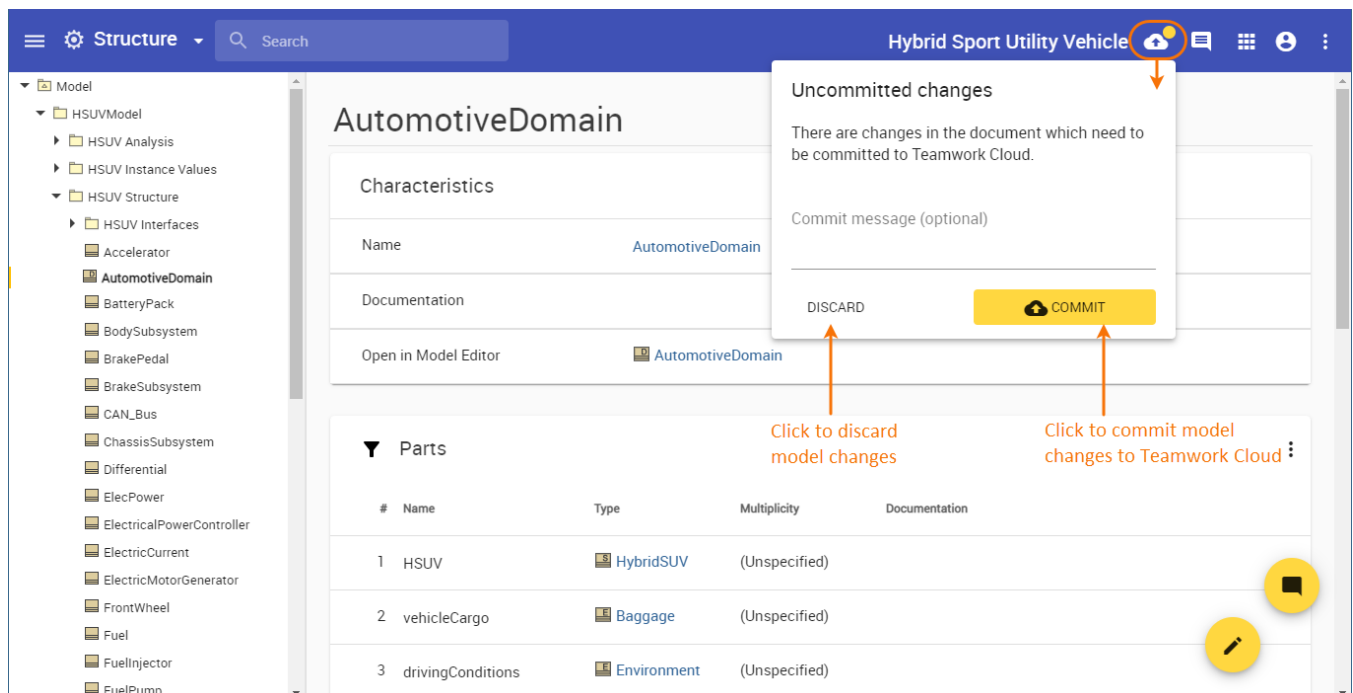
## New Model Editing Capabilities

## Other

## Key Issues Fixed

## Commit of Multiple Changes

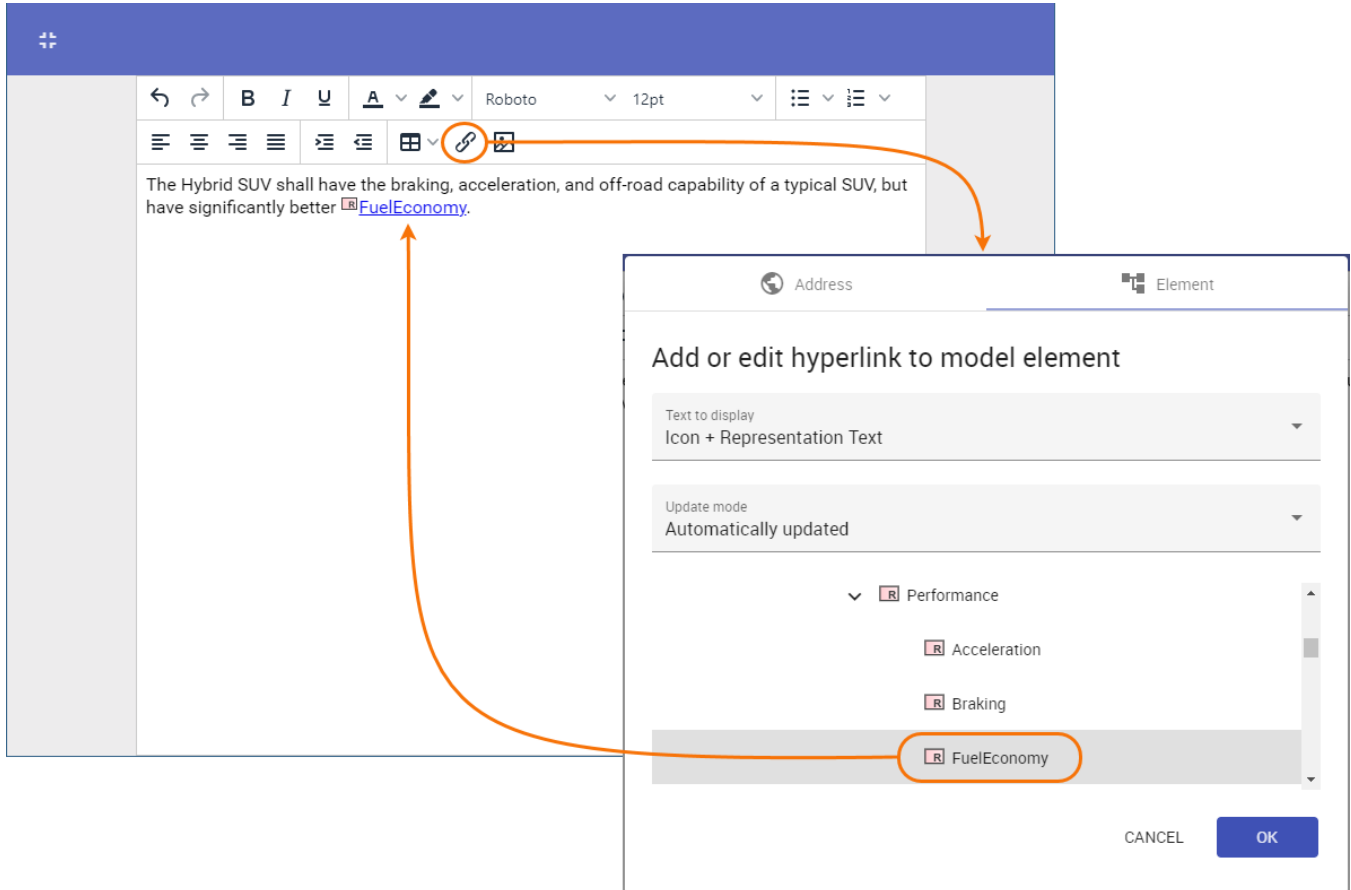
This version of Cameo Collaborator for Teamwork Cloud brings a major improvement allowing you to commit changes accumulated while editing a model in one go. This significantly reduces the number of commits and therefore decreases the database growth when editing models.



Committing model changes to Teamwork Cloud.

## Adding Hyperlinks to Model Elements

Now Cameo Collaborator for Teamwork Cloud supports cross-references to model elements in all string-type values. You can represent links as element names, representation text, or any custom text. In addition, you can choose whether links are updated when element names change.



Adding links to model elements in string-type values.

## New Model Editing Capabilities

We are constantly improving and expanding the model editing in Cameo Collaborator functionality, so this version of the product brings several new features as well. Now you can:

- Create and edit slot values for Instance Specifications.
- Edit bullet lists created by using document templates.

**Instance Table**

#	Name	ma	me	mr	margin
1	spacecraft	130 kg	95 kg	15 kg	35 kg
2	propulsion	80 kg	68 kg	7 kg	12 kg
3	tank	44 kg	38 kg	44 kg	6 kg
4	thruster	29 kg		29 kg	-1 kg
5	telecom	35 kg		5 kg	8 kg
6	antenna	20 kg		20 kg	1 kg
7	amplifier	10 kg		10 kg	2 kg

**Edit**

3. Save the value

2. Enter the value

1. Click to add a new value

+ ADD NEW VALUE

Creating a new value for an Instance Specification.

## Other

- Now you can organize Cameo Collaborator documents in a flexible folder-like manner using nested categories. The hierarchical grouping of categories will help you keep the repository tidy and find your documents easier.

**Cameo Collaborator Publisher**

Create a document and store it in Teamwork Cloud  
Specify the publishing information and choose where to store the document.

Document name: Requirements

Category name: Inga's projects

Scope: Model

Template: Entire Model

☐ Comments in proj

☒ Enable editing

Options

**Select Category**

- levos4
- Inga's projects
  - HSUV
  - Document Templates
  - Sandbox
  - Irutes
  - Jovitos
  - Kick the tires
  - L&R
  - Lauros R.
  - Loren
  - Luko M.
  - Neringos

Type here to filter categories

OK Cancel Help

- The navigation and comment panes in Cameo Collaborator documents are now resizable.
- From this version of Cameo Collaborator for Teamwork Cloud user interface depends on user permissions. For example, the commenting or editing button will be shown in a document only if you have the permissions to comment or edit the document.

## Key Issues Fixed

- Metric Tables in Cameo Collaborator documents are no longer editable.

- Now heading numbering is not displayed in Cameo Collaborator documents exported to PDF or HTML when the selected scope is **Active section** or **Active section's presentation elements**.

#### Documentation

- [Cameo Collaborator for Teamwork Cloud 2021x Refresh1](#)

#### News of earlier versions

- [Cameo Collaborator for Teamwork Cloud 19.0 LTR SP3](#)
- [Cameo Collaborator for Teamwork Cloud 19.0 LTR SP2](#)
- [Cameo Collaborator for Teamwork Cloud 19.0 LTR SP1](#)
- [Cameo Collaborator for Teamwork Cloud 19.0 LTR](#)