
mightyBrowser

coolOrange s.r.l

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MIGHTYBROWSER

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INSTALLATION

1.1 Requirements

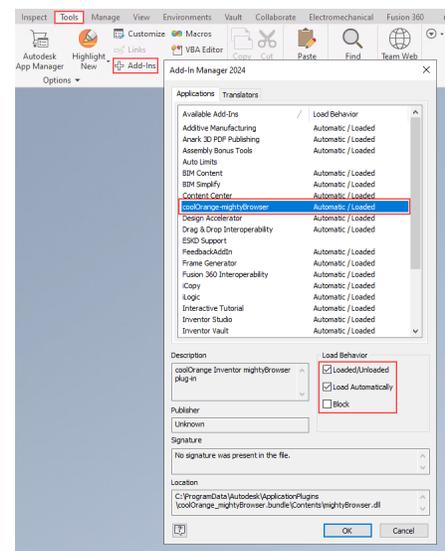
Operating System: 64-bit only

- Microsoft Windows 10
- Microsoft Windows 11

Autodesk Inventor: 2027 / 2026 / 2025 / 2024

1.2 Download and Installation

Like all other coolOrange plug-ins you can [download](#) it from the Autodesk Exchange Store. The installation is pretty straight forward. Just run the msi file and follow the instructions.



If the coolOrange ribbon does not appear it might be you need to unblock the App, in the Inventor the Add-In manager.

- Open the Add-In manager
- Select the coolOrange-mightyBrowser
- Unblock the app.
- Activate the checkboxes “Loaded/Unloaded” and “Load Automatically”.

1.3 Install Locations

mightyBrowser is installed in the following location on your system:

- The Inventor addin will be installed to *C:\ProgramData\Autodesk\ApplicationPlugins\coolOrange_mightyBrowser.bundle*

Following shortcut is added in the start menu:

- **mightyBrowser Logs** - Opens the log file location
- **mightyBrowser Information** - Opens the About dialog with product related information
- **coolOrange License Manager** - Opens the [License Manager](#) dialog for activating coolOrange products

1.4 Windows permissions

To activate the product via the License Manager dialog, the current Windows user needs the following rights, which are automatically installed for “*Everyone*”:

Path	Required Rights
C:\ProgramData\coolOrange\	Read, Write data

1.5 Uninstall

You can unload the plugin without uninstalling it by unchecking the “Loaded/Unloaded” check box associated with the plugin in the Inventor Add-In Manager.

You may have to restart Inventor to completely unload the application.

To remove mightyBrowser from a computer perform one of the following steps :

- Execute the setup file again. This will give you the option to repair or remove mightyBrowser. Click on “Remove” to uninstall the program.
- Go to “Control Panel - Programs and Features”, find “coolOrange mightyBrowser for Vault” and run “Uninstall”.

ACTIVATION AND TRIAL LIMITATIONS

2.1 Trial limitations

There is no functional difference between the trial version and the fully licensed product. After the installation the product is available as a trial version for **30 days**.

2.2 Activation

To keep using all features of mightyBrowser after the trial period the product needs to be activated on every computer where it is in use.

Follow [these steps](#) to activate a new installation of mightyBrowser together with all other product included with the same subscription.

After a successful activation, all products included in the subscription can be used on the computer until the licenses expire.

Note: When the computer has an Internet connection no further activation steps are required even when the license is renewed or after purchasing additional products licenses.

More details on product activations for multiple workstations can be found [here](#).

2.2.1 Serial Number Activation

Similar to previous versions of mightyBrowser an activation using the serial number is also possible.

This activation method can be used if only a single product should be activated or to activate older product versions (v22 - v24).

Further details can be found in the second section on activations via serial numbers “[For products with version 20.x - 24.x](#)”.

To activate mightyBrowser via [serial number](#) the mightyBrowser License Information dialog is required. It can be opened by:

- The Start Menu: Navigate to “*All Apps → coolOrange → License Manager*” and search for “*mightyBrowser*”. Then click on the “*Register License*” link (or on the already displayed serial number).
- Or register the serial number directly via the [command line](#):

```
"C:\ProgramData\Autodesk\ApplicationPlugins\coolOrange_mightyBrowser.bundle\  
↳Contents\License.exe" --Serialnumber="XXXXX-XXXXX-XXXXX-XXXXX" --StandAlone
```

2.2.2 Offline Activation

For environments where no internet connection is available a [license file](#) can be used to activate the product: The License file can be downloaded from any device using this link: [Offline Activation of mightyBrowser](#). To generate the license file, the serial number for the license as well as the *Machine Code* (for the computer the license should be activated on) which is displayed in the License Information dialog.

Note: For offline activations the activation steps have to be repeated when the license changes (e.g. when the license is renewed). More information can be found [here](#).

2.3 Troubleshooting License Problems

To check which product licenses of a customer key are activated, open the License Manager via the Start Menu by navigating to “*All Apps → coolOrange → License Manager*”.

To see more details of the mightyBrowser license, open the License Information dialog by clicking the link in the *License Manager*.

License expired

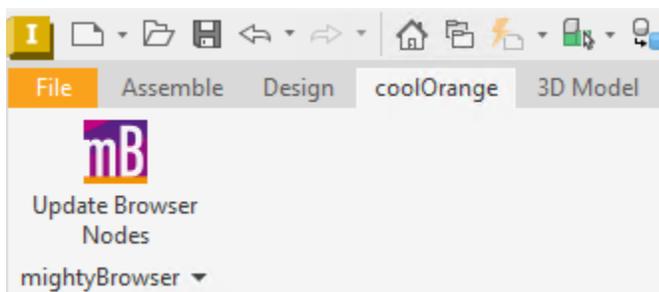
When the mightyBrowser license expires, the “Update Browser Node” function can no longer be used.

GETTING STARTED

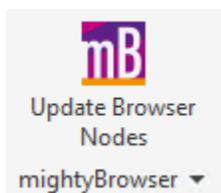
3.1 Overview

mightyBrowser helps Inventor users to have descriptive nodes in the Inventor browser of an assembly, part, presentation or drawing. For a first overview have a look into this [video](#).

The Inventor Add-In mightyBrowser provides a function to update the description of components of the Inventor browser based on configured iProperties. You find the mightyBrowser command in the coolOrange ribbon:

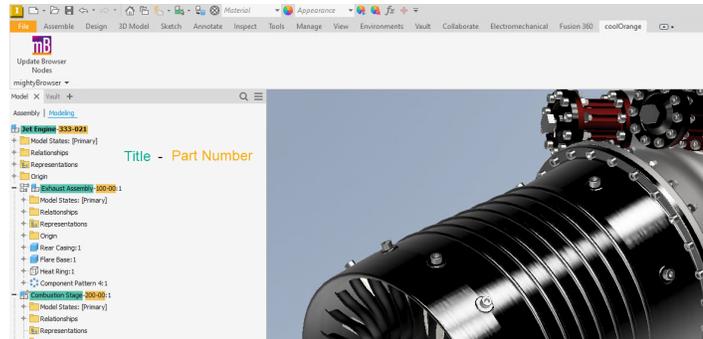


3.2 Workflow



After installation of the Add-In and restarting Inventor there is a new function available:
Call command Update Browser Nodes from the coolOrange ribbon

This function can be performed either manually or automatically after opening or before saving a document.



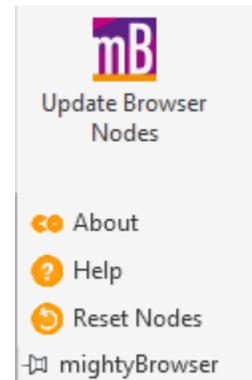
For drawing (IDW and Inventor DWG), presentation (IPN), assembly (IAM) and part documents (IPT), the top node (display name) in the browser will be updated after executing the function.

The VIEWS in the Inventor browser of an drawing (IDW, DWG) are also updated.

For assembly documents (IAM) additionally the component names will be updated according to the iProperty definition that is defined in the config file. (See chapter mightyBrowser Settings.)

- The default setting for the browser node is the combination of the iProperty ‘Title’ and ‘Part Number’: {Title}- {Part Number}
- By default the browser nodes are not updated when the file is opened or saved.
- By default the browser nodes of Content Center Parts, Library files and Functional Documents - like Frame Generator components, Design Accelerator components, Tube and Pipe components and Cable and Harness components - are not updated.

INVENTOR RIBBON



The commands for the mightyBrowser Add-In are located in the coolOrange ribbon.

4.1 Commands

4.1.1 Update Browser Nodes button

- Updates the toplevel element (display name) in the Inventor browser of an assembly, drawing, presentation and part.
- Updates the components in the Inventor browser of an assembly as set in the configuration file.
- Updates the VIEWS in the Inventor browser of a drawing (IDW, DWG)
- For iPart factories the command will display a message, that this functionality is not supported.

4.1.2 Reset Nodes

Sets back the components in the Inventor browser of an assembly and the display name of an assembly, drawing, presentation and part.

4.1.3 Help

Opens the mightyBrowser home documentation site on the coolOrange Wiki page.

4.1.4 About

Displays the About dialog with the version number of the app. Also contains a link to this documentation and the EULA.

CONFIGURATION

In the configuration file **mightyBrowser.config** the settings for the Add-In are set.

The config file found in *%LOCALAPPDATA%/coolOrange/mightyBrowser/mightyBrowser.config* will be generated after the first start of Inventor after installation .

The config file can be edited with every text editor.

Default configuration:

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <Configuration xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/
   ↳2001/XMLSchema-instance">
3     <BrowserNodeDefinition>{Title}-{Part Number}</BrowserNodeDefinition>
4     <LibraryBrowserNodeDefinition>{Title}-{Part Number}</
   ↳LibraryBrowserNodeDefinition>
5     <SkipUpdateNode></SkipUpdateNode>
6     <UpdateViews>False</UpdateViews>
7     <UpdateRecursive>False</UpdateRecursive>
8     <UpdateOnOpen>False</UpdateOnOpen>
9     <UpdateOnSave>False</UpdateOnSave>
10    <UpdateContentCenterFiles>False</UpdateContentCenterFiles>
11    <UpdateFunctionalDocuments>False</UpdateFunctionalDocuments>
12    <UpdateLibraries>False</UpdateLibraries>
13 </Configuration>
```

Warning

- In case of situations where mightyBrowser doesn't find this 'mightyBrowser.config' file, mightyBrowser will work as usual and the default settings below will be used.
 - For iPart factories the update of the browser name is ignored!
-

5.1 Settings Overview

Attribute name	Default	Description	Remark
BrowserDefinition	{Title}{PartNumber}	Definition which iProperties are used for the browser names. The default is the combination of the Title and the Part Number. All iProperties that are used in the file can be taken. Additional properties are: {FileName}, {File Extension}	Localized iProperty names of Inventor system properties like “Bauteilnummer” cannot be evaluated. You need to use the English Display Name of the iProperty, like “Part Number”. Find more information about this here .
LibraryBrowserDefinition	{Title}{PartNumber}	Definition which iProperties are used for the browser names for library parts. This attribute is only evaluated if the attribute ‘UpdateLibraries’ is set to true.	Localized iProperty names of Inventor system properties like “Bauteilnummer” cannot be evaluated. You need to use the English Display Name of the iProperty, like “Part Number”. Find more information about this here .
SkipUpdateNode	(empty)	Property name and value must be separated with a pipe. <SkipUpdateNode>MyCustomProperty *</SkipUpdateNode>: All files that have the specified iProperty will be skipped, regardless of the property value <SkipUpdateNode>MyProperty SpecificValue</SkipUpdateNode>: All files that have the iProperty ‘MyProperty’ with the value ‘SpecificValue’ will be skipped.	If the command “Update Browser Node” is called in the context of an assembly and a component has an iProperty that fits to ‘SkipUpdateNode’, the browser node of that component is not updated, as the browser nodes belongs to the assembly. Files with the configured property will also be skipped for reset nodes!
UpdateViews	False	If set to true also the label of VIEWS in a drawing are updated. If the property value contains ‘:’ then it will be substituted by ‘=’.	We recommend to set this to False if sections are placed on the drawing.
UpdateRecursive	False	If set to true also the browser names of sub-assemblies are updated.	We recommend to set this to False because of possible performance issues.
UpdateOnC	False	If set to true the browser names are updated when the file is opened and not write protected.	This does not work when the ‘Open’ command is called from the browser tree
UpdateOnSave	False	If set to true the browser names are updated when the file is saved.	When it is the initial save of a file the update of the browser node is not done, to avoid issues with the filename.
UpdateContentCenterFiles	False	If set to true the browser names of Content Center Files are also updated.	This switch is currently not evaluated. Use attribute “UpdateLibraries”.
UpdateFunctionalDocuments	False	If set to true the browser names of “Funcional Documents” are also updated. “Funcional Documents” are components created with Frame Generator, Design Accelerator, Tube and Pipe or Cable and Harness.	We recommend to work with setting False, as it might happen, that not all components of “Funcional Documents” are updated.
UpdateLibraryFiles	False	If set to true the browser names of Library files are also updated.	

After changing the config file Inventor must be restarted, that the new settings take effect.

5.1.1 No Multilingual iProperty support

mightyBrowser supports the use of the English display names of iProperties. For German environments “Title” must be used instead of “Titel”.

Find below the list of the iProperties with the English and German Display Names:

English Display Name	German Display Name
Title	Titel
Subject	Thema
Author	Autor
Manager	Manager
Company	Firma
Category	Kategorie
Keywords	Schlüsselwörter
Part Number	Bauteilnummer
Stock Number	Bestandsnummer
Description	Bezeichnung
Revision Number	Revisionsnummer
Project	Projekt
Designer	Konstrukteur
Engineer	Ingenieur
Authority	Bevollmächtigter
Cost Center	Kostenstelle
Cost	Geschätzte Kosten
Vendor	Zulieferer
Checked by	Kontrolliert von
User Status	Status
Design Status	Konstruktionsstatus
Date Checked	Kontrolldatum
Engr Approved By	Konstruktion genehmigt von
Engr Date Approved	Genehmigungsdatum Konstr.
Mfg Approved By	Fertigung genehmigt von
Mfg Date Approved	Genehmigungsdatum Fertig

Note: “Design Status” returns a number for each status.

LOGGING

6.1 Logging Levels

ALL	Everything is written to the logfile
DEBUG	Debuginformation is written to the logfile
INFO	Every error, warnings and infos are written to the logfile
WARN	Every error and warnings are written to the logfile
ERROR	Every error is written to the logfile
FATAL	Only critical errors are written to the logfile
OFF	No logging

mightyBrowser uses [Apache log4net](#) as core logging library, and additionally [PostSharp Diagnostics](#) for extended Debug logging.

By default, all the logs are stored in a logfile located in 'C:\Users\{USER}\AppData\Local\coolOrange\mightyBrowser\Logs\mightyBrowser.log' and it contains only Infos, Warnings and Errors.

The log4net settings file is located in C:\ProgramData\Autodesk\ApplicationPlugins\coolOrange_mightyBrowser.bundle\Contents\mightyBrowser.log4net.config. Further information about log4Net Configurations can be found [here](#).

6.2 When to change the logging behavior?

When you have issues or when you want to get a more detailed knowledge about what went wrong, you can increase the *Logging Levels*.

Note: When changing the loglevel to *DEBUG* [PostSharp Diagnostics](#) will be enabled and will log all the function calls into the log files. This could cause performance issues

6.3 LogFile

You can see, that there is just one logging-Appender, thats the *FileAppender*:

```
<appender name="FileAppender" type="log4net.Appender.RollingFileAppender">
```

If you want to change the *Logging Levels* for the logfile, please visit in the configuartion file in the lines:

```
<root>
  <level value="INFO" />
  <appender-ref ref="FileAppender"/>
</root>
```

In that root element, you can configure the logginglevel for all appenders. You could set the level to “DEBUG”, than all the appenders will log in debug.

In the line

```
<param name="File" value="{LOCALAPPDATA}\coolOrange\mightyBrowser\Logs\mightyBrowser.log
↪" />
```

you can configure the outputpath and name of the logfile.

CHANGE LOGS

7.1 mightyBrowser v27

7.1.1 v27.0.1

14-04-2026

General

- Added support for Inventor 2027
- Updated Licensing to version: 18.4.11.

7.2 mightyBrowser v26

7.2.1 v26.0.2

15-07-2025

Fixed

- Issue where the *Help button* did not open the mightyBrowser documentation in the browser for Inventor 2025 and Inventor 2026..
- Updated Licensing to version: 18.4.8.
This resolves the issue where the *License Information* link was disabled in the *About* dialog when it was started via the *About button* in Inventor.

7.2.2 v26.0.1

13-05-2025

General

- Added support for Inventor 2026

Fixed

- Updated Licensing to version: 18.4.7.
This resolves issues with failing *command-line activations*, the not working “mightyBrowser Information” short-cut, and rare errors at Inventor start when trying to display possible license notifications.

7.3 mightyBrowser v25

7.3.1 v25.0.6

31-10-2024

Features

- Updated Licensing to version: 18.4.2.
The product can now be easily activated on new workstations via a [single customer key](#) - together with all other coolOrange products in your subscription.

Fixed

- Issue where *mightyBrowser Settings* were overwritten during a product update, resetting them to their default values.
- Issue where *NotImplementedException* errors were logged upon closing Inventor after using mightyBrowser.

General

- Added support for Inventor 2025
- The Windows Start Menu now contains a coolOrange-wide *License Manager* shortcut
- Installation of directory “*C:\ProgramData\coolOrange*” for product activation via the License Manager dialog
- Updated minimum required [.NET Framework version to 4.8](#)
- Shared third-party Libraries (e.g. log4net) are no longer installed into the GAC but are now merged to avoid conflicts with plugins
- Introduced a new product icon that’s simpler and easy to recognize within our product portfolio
- Moved *mightyBrowser configuration* to “*%LOCALAPPDATA%/coolOrange/mightyBrowser/mightyBrowser.config*” to ensure Non-Admin users have write-access to the file.

Breaking Changes

Change path in distribution mechanisms

If you use distribution mechanisms to automatically install or update mightyBrowser settings on all workstations, please update the path accordingly:

Previous	New
%ProgramData%\Autodesk\ApplicationPlugins\coolOrange_mightyBrowser.bundle\Contents\mightyBrowser.dll.config	%LOCALAPPDATA%\coolOrange\mightyBrowser\mightyBrowser.config

When updating to this version (or later), the previous settings file “*%ProgramData%\Autodesk\ApplicationPlugins\coolOrange_mightyBrowser.bundle\Contents\mightyBrowser.dll.config*” is automatically moved to the new location.

7.4 mightyBrowser v24

7.4.1 v24.0.10

25-05-2023

General

- Version number changed to 24.0
- Support for Inventor 2024

7.5 mightyBrowser v23

7.5.1 v23.0.145

27-04-2022

General

- Version number changed to 23.0

7.6 mightyBrowser v22

7.6.1 v22.0.143

10-06-2021

General

- Version number changed to 22.0
- License doesn't requires an internet connection when activated with Serial Number
- Changed Logging configuration and log file location

7.7 mightyBrowser v21

7.7.1 v21.0.139

10-06-2020

General

- Support of Inventor 2021
- add new license mechanism - automatic activation of License is possible now with this version
- removed splash screen

7.8 mightyBrowser v20

7.8.1 v20.1.136

28-07-2019

Features

- Files with iProperty, defined in setting 'SkipUpdateNode', will be skipped for both update and reset browser node

7.8.2 v20.0.135

11-06-2019

Features

- Updates the VIEWS in the Inventor browser of a drawing (IDW, DWG) if activated
- Display progress in the Status bar of Inventor

General

- Support of Inventor 2020
- Update coolOrange.licensing package with SplashScreen to mightyBrowser
- Improved performance for browser node updates
- Support updating of browser nodes in in-place-edit mode
- Check whether the value of a property contains a colon ':'
- Update browser nodes in Save event handler should be done in Before the save
- On setting INFO, logs start and end of update browser nodes
- Browser node update only possible after initial save
- Removed setting {Display Name} from BrowserNodeDefinition
- Changed the location of the log files
- Removes all the log files during uninstallation

7.9 mightyBrowser v19

7.9.1 v19.0.121

07-08-2018

General

- New configuration setting to set own browser name pattern for library parts.
- Check whether configuration file exists

7.9.2 v19.0.119

17-04-2018

General

- Support of Inventor 2019
- Improve behavior for mightyBrowser setting “UpdateOnSave” = “true”
- licensing changed to Subscription model license
- Removed dependency on the version of Inventor

7.10 mightyBrowser v18

7.10.1 v18.0.78

10-05-2017

General

- Support of Inventor 2018
- Support of iProperty names that contain special german characters (Umlaute)
- Update of display name of IPNs

7.11 mightyBrowser v17

7.11.1 v17.0.68

14-11-2016

General

- Dealing with duplicate browser names
- Additional properties for configuration (File Name, File Extension, Display Name)
- Update of library files with attribute *UpdateLibraries* is set to ‘true’ in config file.

7.11.2 v17.0.62

05-07-2016

General

- Revised workflow for write protected files
- Bugfix for weldment assemblies

7.11.3 v17.0.47

April 2016

General

- Support of Inventor 2017

7.12 mightyBrowser v16

7.12.1 v16.0.30

Oktober 2016

General

- Changing to trial version only

7.12.2 v16.0.18

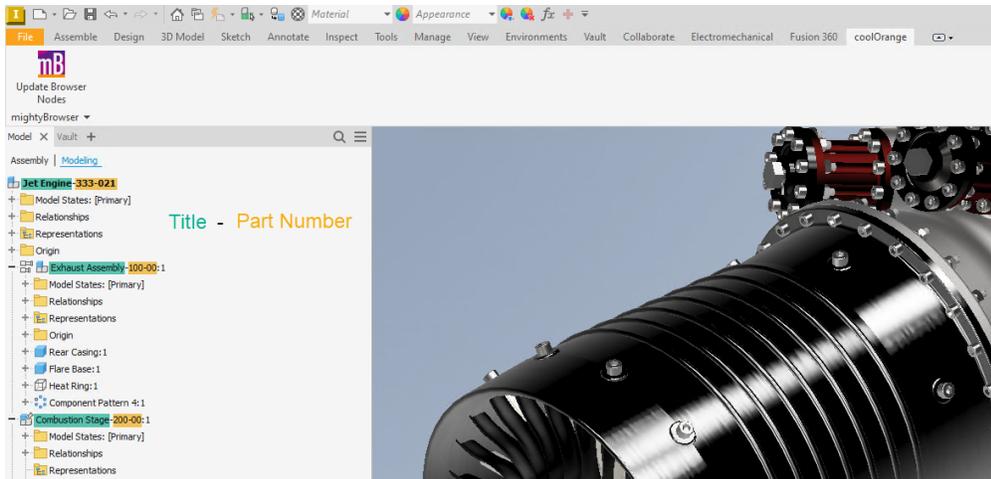
September 2016

General

- Support of Inventor 2016 and 2015
- Update display name for drawings (IDW and Inventor DWG), presentation (IPN), assembly (IAM) and part documents (IPT) according to the iProperty definition
- Additionally update of component names according to the iProperty definition
- Reset browser nodes



mightyBrowser helps Inventor users to have descriptive nodes in the Inventor browser of an assembly, part or drawing.



SUPPORT

For our products we deliver free support via email: support@coolOrange.com

Please specify in your inquiry:

- Version of the mightyBrowser (can be found in the About dialog)
- Version of Inventor
- Operating system

In case of an error, please describe the steps you are doing to reproduce, if possible. Please tell us the unwanted behavior and the result you expect.

Thank you for helping us to make our product better. If you have ideas or suggestions to improve our products please let us know.