MFG10145

The Top 10 Under-$100 Inventor Apps from the Autodesk App Store

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Learning Objectives

- Learn about great Inventor productivity-enhancing plug-ins and content in the Autodesk App Store

- Learn how to save several hours per week by using some of the top productivity-enhancing Inventor plug-ins

- Immediately download and install 10 great under-$100 productivity-enhancing apps

- Learn about the opportunity to sell your own apps in the Autodesk App Store

Description

In this class you will get a look at 10 of the most popular under $100 apps available in the Autodesk App Store—Inventor software plug-ins and content that you can immediately download and start using yourself. The most popular Inventor software add-on apps from the Autodesk App Store are all Inventor software productivity enhancers that can help you and your team get the job done faster, eliminate boring repetitive tasks, wow the boss, and get you home earlier on a Friday afternoon.

Your AU Experts

Wayne Brill has been a member of Autodesk Developer Technical Services supporting Autodesk, Inc., APIs for 13 years. Wayne provides API support for Inventor software, Fusion 360 software, Vault software, and the View and Data API.

Hazel Wood has worked at Autodesk for many years in a number of sales and marketing roles. Hazel helps apps publishers leverage the sales and marketing opportunities of the Autodesk App Store to help them grow their business.

Xianhua Tang has worked at Autodesk for over 15 years in ADN marketing & products localization roles. Xianhua has engaged with Autodesk developer ecosystem for around 10 years and also familiar with Autodesk mechanical products, like Inventor, Fusion 360, etc. Xianhua also has around 10 years mechanical design background before joined Autodesk.
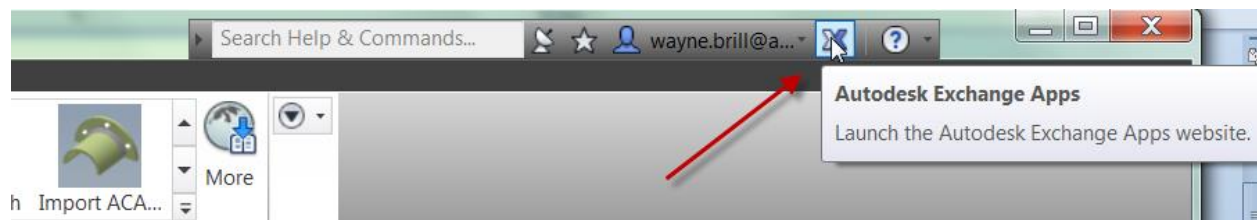
About the Autodesk App Store

The Autodesk App Store is a marketplace and web service provided by Autodesk that makes it easy to find and acquire plugin extensions, other companion applications, content and learning materials to customize and extend many Autodesk design products. Launched in March, 2012, the Autodesk App Store has become the online resource for millions of Autodesk customers to browse, download and purchase the apps they need.

Apps found in Autodesk App Store have been created by 3rd party developers with Autodesk software development expertise, as well as by Autodesk. Many 3rd party developers are members of the Autodesk Developer Network.

Within the Autodesk App Store customers can find apps for 18 Autodesk products in 14 languages. In the Autodesk Inventor store customers can choose from over 200 apps.

Get to the App Store:

You can quickly access the App Store using the button in Inventor

THIS BUTTON WILL LAUNCH A BROWSER AND GO TO THE APP STORE

Here is a link that will take you to the Inventor App store:
https://apps.autodesk.com/INVPROSA/en/Home/Index?from=infocenter

The top 10 Inventor Apps:

App #1: Flat Pattern Extractor

Save time and create all sheet metal flat pattern DWG / DXF files in one click, directly from the assembly document. Flat Pattern Extractor is ideal for laser cutting and nesting software. The Flat Pattern Extractor will remember all your default settings in terms of File format, Layers and geometry conversion. The *Flat Pattern Extractor* can generate a wide range of file format from older R12 DXF to newest DWG formats that will work with most common post-processors. For Free version please refer, Flat Pattern Extractor (Free) See the video demonstration: http://youtu.be/lHIWCQJpPpU

Editor note: This app is also an Autodesk Certified app as indicated by the badge . This means that app demonstrates the highest level of quality, compatibility, and integration with your Autodesk product.

Cost: $99.00

Publisher:
Services Informatiques Benoit Larocque

Download details:
Language: English
Download Size: 3.1
Release Date: 9/27/2012
Last Updated: 8/5/2015
Version Info: 4.0.0

Website:
www.blarocque.ca

Customer Support:
bl@blarocque.ca

Compatible with:
Autodesk Inventor
Version: 2016 , 2015 , 2014, 2013
Autodesk Inventor Professional
Version: 2016 , 2015 , 2014, 2013

App #2: BOM Tools Pro

BOM Tools for Autodesk® Inventor® has been developed to export Autodesk Inventor's Bill of Materials to Excel, including each part's thumbnail or image as listed in the BOM. Other properties like Part Number, Description, and Material etc. are also included and exported to the Excel file.

An additional option to include model parameters has been added which makes it useful to include sizing information like cut lengths or sheet metal flat pattern extents inside the Excel file with the thumbnail of your part. This is very useful for downstream processing purposes and eliminates error prone manual work-flows.

BOM Tools for Autodesk Inventor now includes the ability to export the "Structured", "Structured with All levels" or "Parts Only" Bill of Materials to Excel.

Two versions of BOM Tools are now available - BOM Tools and BOM Tools Pro. The only difference is that BOM Tools has a 100 row limit when exporting the Autodesk Inventor's Bill of Materials to Excel. BOM Tools Pro has no row export limit.

Extra Notes:
- You will find the app icon on the Desktop.

- Autodesk Inventor must be running for this app to work.

- This is a 15 day trial

Cost: Trial

Publisher:
Micrographics

Download details:
Language: English
Download Size: 9.8 MB
Release Date: 5/2/2013
Last Updated: 8/5/2015
Version Info: 4.1.1

Website:
http://www.mgfx.co.za/tools-for-inventor.htm

Customer Support:
ivtools@mgfx.co.z

Compatible with:
Autodesk Inventor
Version: 2016 , 2015 , 2014
Autodesk Inventor Professional
Version: 2016 , 2015 , 2014

App #3: TD Drawing Align

Align views and view labels vertically and horizontally. If the Autodesk® Inventor® drawing align command is giving unexpected results or you just want to align a view using a line as the alignment point, this will do the job. You can align multiple views and labels at the same time. Commands are on their own ribbon tab to separate them from the standard Inventor commands. Run the desired command and follow the on screen prompts or see the help file for full instructions.

Cost: $1.00

Publisher:
Taylor Drafting Pty Ltd

Download details:
Language: English
Download Size: 1.6 MB
Release Date: 9/23/2014
Last Updated: 8/5/2015
Version Info: 1.0.1

Website:
www.taylordrafting.com.au

Customer Support:
addins@taylordrafting.com.au

Compatible with:
Autodesk Inventor
Version: 2016 , 2015 , 2014
Autodesk Inventor Professional
Version: 2016 , 2015 , 2014

App #4: [ReplaceCopy](#)

This addin will allow users to replace files (part and drawing) with an identical copy of the same part/idw in the same Assembly by retaining the original file in the project.

- Agility to replace instances/files and create a new copy of the same retaining the original file in the project

- No risk of losing the link reference to the drawing and a copy will be created.

Cost: Trial

Publisher:
ConsultCAD

Download details:
Language: English
Download Size: 1.3 MB
Release Date: 9/13/2013
Last Updated: 10/30/2015
Version Info: 1.4

Website:
wwww.consultcad.com

Customer Support:
support@consultcad.com

Compatible with:
Autodesk Inventor
Version: 2016 , 2015 , 2014, 2013
Autodesk Inventor Professional
Version: 2016 , 2015 , 2014, 2013

App #5 [mightyBrowser 2016](#)

mightyBrowser provides a function to update the description of components of the Autodesk® Inventor® browser based on configured iProperties. 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. For assembly documents (IAM) additionally the component names will be updated according to the iProperty definition that is definded in the config file.

•The default setting for the browser node is the combination of the iProperty 'Title' and '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 and Functional Documents - like Frame Generator components, Design Accelerator components, Tube and Pipe components and Cable and Harness components - are not updated.

•For iPart factories the update of the browser name is ignored!

Watch this video for an overview: https://coolorange.wistia.com/medias/tr3udbekqe

Please contact us at info@coolOrange.com if you want to buy mightyBroswer. A license is required for each seat.

Cost: Trial

Publisher
coolOrange s.r.l.

Download details:
Language: English
Download Size: 2.1 MB
Release Date: 8/27/2015
Last Updated: 11/5/2015
Version Info: 16.0.30

Website:
www.coolorange.com

Customer Support:
support@coolorange.com

Compatible with:
Autodesk Inventor
Version: 2016 , 2015
Autodesk Inventor Professional
Version: 2016 , 2015

App #6: View Reference

The View Reference Add-In allows you to quickly and easily add a reference to detail and section view call outs indicating what sheet the view is located on. A reference is also added to the Detail/Section View label showing what sheet the parent view is on. No more editing each view label individually to enter in a reference.

The View Reference Panel is added to the Placed Views tab in the Drawing Environment Ribbon. The panel contains three buttons Create/Update, Remove, and Configure. Clicking the Configure button will bring up a window where you can choose your View Reference Style. Your style will then be saved so you will not have to select your style each time you add or update your View References even after closing Autodesk® Inventor®. Clicking Create/Update will create View References based on your chosen styles if they do not exist on your drawing, or they will update them if they already exist. If a new view is created or an existing view is moved to a different sheet, clicking Create/Update will update all the references to the current locations.

Cost: $1.99 – Trial version !!! ???

Publisher
CAD Apps Plus

Download details:
Language: English
Download Size: 212.3 KB
Release Date: 9/27/2012
Last Updated: 8/5/2015
Version Info: 2.2.0

Website:
www.cadappsplus.com

Customer Support:
support@cadappsplus.com

Compatible with:
Autodesk Inventor
Version: 2016 , 2015 , 2014 , 2013
Autodesk Inventor Professional
Version: 2016 , 2015 , 2014 , 2013

App #7: cSysQuickProperties 2016

Quick Properties is a specific window where you can see and edit active document iProperties or selected component's iProperties. If selected component is "read-only"or is a library component the dialog will only show the iProperties without possibility to modification.

See detailed information here:
www.codesystems.fi/products/?product=cSysQuickProperties2016

Cost: $7.99

Publisher
CodeSystems Finland Inc.

Download details:
Language: English
Download Size: 1.1MB
Release Date: 3/28/2015
Last Updated: 8/13/2015
Version Info: 20.1

Website:
www.codesystems.fi

Customer Support:
info@codesystems.fi

Compatible with:
Autodesk Inventor
Version: 2016
Autodesk Inventor Professional
Version: 2016

App #8: iProperty Manager

iProperty Manager allows user to set or edit all the iproperties including custom properties for complete assembly and all its references. User can select the properties needed to be override. Also user can add or remove all types of custom iproperties

Cost: $1.99

Publisher
Monarch Innovation Private Limited

Download details:
Language: English
Download Size: 1.1MB
Release Date: 9/30/2014
Last Updated: 10/7/2015
Version Info: 1.4.0

Website:
http://www.monarch-adroit.com

Customer Support:
info@monarch-adroit.com

Compatible with:
Autodesk Inventor
Version: 2016 , 2015 , 2014 , 2013
Autodesk Inventor Professional
Version: 2016 , 2015 , 2014 , 2013

App #9: Visual Replace

The Replace command of Autodesk® Inventor® is only to use with a file browser dialog. Sometimes it's easier to replace components by choosing them visually. e.g. you have one bolt in the assembly you want to replace by another bolt (with another length).

If you insert the second bolt into the assembly you can simply replace the first by choosing the second one without navigate through the file bowser dialog.

Cost: Free

Publisher
Creaffectivity

Download details:
Language: English
Download Size: 3.9MB
Release Date: 9/1/2013
Last Updated: 8/5/2015
Version Info: 1.0.0

Website:
www.sites.google.com/site/creaffectivity/home

Customer Support:
creaffectivity.pb@gmail.com

Compatible with:
Autodesk Inventor
Version: 2016 , 2015 , 2014 , 2013
Autodesk Inventor Professional
Version: 2016 , 2015 , 2014 , 2013

App #10: Reitec.Testplan for Inventor

Quality assurance measures gain more and more importance in everyday working life. They are no longer limited to manufacturing. The aspects of quality assurance must be considered as early as in the construction phase. The tasks to be accomplished include the marking of check dimensions in drawings and the provision of data in a machine-readable format.

Reitec.Testplan automates these tiresome routine tasks and reduces the workload of the design engineer. Just a few mouse clicks allow the user to mark and number automatically the check dimensions in the drawing. The design engineer can edit the results produced in automatic mode at any time. Additional functions allow him/her to add further marks or delete existing ones. An export function is available for the subsequent export of all identified check dimensions including tolerances and units to a csv-file, which is suitable for test planning in the QA system.

The direct retrieval of the desired information from the drawing dispenses completely with a manual preparation of the test data for the QS system prone to errors. Reitec.Testplan marks the check dimensions with stamp icons consisting of a circle with an arrow and a unique number. The arrow tip points to the associated dimension. In addition to length, diameter and angle dimensions, Reitec.Testplan supports surface symbols and texts

Cost: Trial

Publisher
REITEC GmbH

Download details:
Language: English, German
Download Size 3.1 MB
Release Date: 3/22/2015
Last Updated: 8/5/2015
Version Info: 2.1.8.0

Website:
www.reitec.de

Customer Support:
info@reitec.de

Compatible with:
Autodesk Inventor
Version: 2016 , 2015 , 2014 , 2013
Autodesk Inventor Professional
Version: 2016 , 2015 , 2014 , 2013

Autodesk Apps Testing Team ensures quality control

All Apps adhere to Autodesk-supplied guidelines so that you can be confident in getting the best working combination of Autodesk software and developer applications. The Autodesk Apps team reviews every app to create and ensure quick, easy and safe installation.

Learn about the opportunity to sell your own apps in the Autodesk App Store.

Anyone is welcome to submit an app to be published in the Autodesk Inventor App Store. If you have developed something useful for Autodesk Inventor customers, it's a candidate for the Autodesk App Store. This might include:

• Plug-ins
• Standalone applications
• Web apps
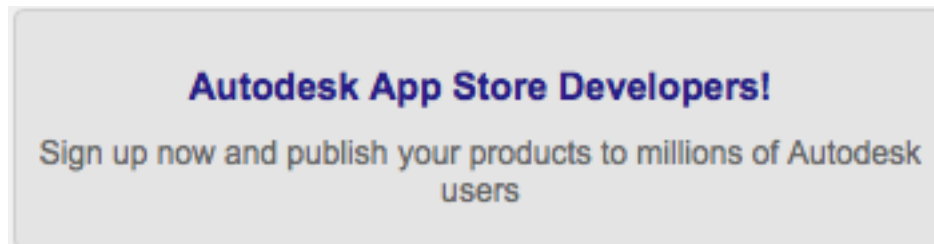• Training tutorials
• E-books
• Content
Etc.

Reasons to publish your apps:

• Reach millions of Autodesk customers - easy marketing.
• Large growing user base
• Global - Publishers reach customers and markets they would not otherwise reach on their own.
• Trusted marketplace – backed by Autodesk
• Dedicated apps team to help you
• Generate revenue - The Autodesk App Store gives publishers the opportunity to experiment with different app type offerings - free, trial and paid. The general recommendation is to offer a mix.
• Sell your app on Subscription. The Autodesk App Store makes it easy for customers to purchase your app on monthly or annual subscription.

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- Promote your consulting services by publishing useful apps so that customers can easily experience the quality of your work. Consulting companies with apps can also list their consulting services in their Publisher Profile.

To submit an Inventor app simply go to https://apps.autodesk.com/INVNTOR/en/Home/Index and click on the link at the foot of the page and follow the simple steps.

Autodesk App Store Developers!

Sign up now and publish your products to millions of Autodesk users

THIS AT THE END OF APP STORE PAGE (USE LINK ABOVE)

Help with App submission

The apps testing team has in-depth product expertise and helps all publishers though the app submission process. The best starting point for all apps publishers is the App Store Developer Center:

Autodesk® App Store Developer Center

This site contains a wealth of information to help you easily create or modify your apps to integrate with the simple Autodesk App Store requirements. Information on that website includes:

- App Submission Process Overview
- Frequently Asked Questions
- Copy protection in your Apps
- Entitlement API for desktop Apps
- Instant Payment Notification (IPN) format
- Selling desktop App on monthly subscription
- Selling web service on monthly subscription

Remember that the Autodesk Developer Network team is here to help you to be a successful publisher on the Autodesk App store. We'll do whatever we can do to help you.