

Dynamo vs Add-ins
Which to learn?

Why make this video?

I often get asked...

- Should I **learn** Dynamo or just learn C#/Add-ins?
- Will Dynamo ruin the **market**?
- Can I still make money building and **selling** plugins?

Plug-ins

What are they?

Typically produced in **C#** and **visual studio** using **Revit API**

The results are compiled so that your work is **protected** and able to be sold/controlled.

Plug-ins

Keep in mind

Major companies hire *their own* programmers or specialists and build their own tools in house.

This way they

- Own the IP/workflow
- Can develop it at will
- Have a competitive edge

Plug-ins AKA

Don't go into the add-in market if your only goal is to **make money**.

Plug-ins The market

Mostly are on the *App Store*

<https://apps.autodesk.com/RVT/en/Home/Index>

1

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3

4

5

...

67

>

Page

1

| Items per page

24


Most relevant

Newest

Most downloads

Best rating

Price



BIMWERX WaterMark


★★★★★

(0)

OS: Win64

A tool to add watermark data to projects, project elements, families and family elements. Watermark data includes Company name, logo, URL, and date. Watermark data cannot be overwritten or removed.

Trial



Warchart


★★★★★

(3)

OS: Win64

Pie Chart for Autodesk® Revit® Warnings. Allows you to assess Project Warnings visualizing their impact through an easy to read interactive Pie Chart.

Free



Tiny Tools


★★★★★

(3)

OS: Win64

A collection of Autodesk® Revit® plugins that automate many boring and otherwise mind-numbing tasks.

Free



FBX Exporter


★★★★★

(0)

OS: Win64

Batch exports Autodesk® Revit® geometry to individual FBX files.

Free



Quick Joins


★★★★★

(1)

OS: Win64

Quick Joins is a plugin for Autodesk® Revit® using which one can easily join, unjoin, switch join thousands of structural and architectural model elements in one go.

USD 5.00/Y



Quick CutBack


★★★★★

(0)

OS: Win64

Quick CutBack is a plugin for Autodesk® Revit® through which one can easily control the value of cutBack for multiple structural framing in one go.

USD 5.00/Y



3D Repo® for Autodesk® Revit®


★★★★★

(0)

OS: Win64

3D Repo® issue management plug-in for Autodesk® Revit® with built-in support for BCF exchange via 3D Repo servers.

Free



MEP Easy Section (Trial)

★★★★★

(0)

OS: Win64

Section Plugin for Autodesk® Revit® enables users to draw a section around simple MEP curved objects (like pipes, ducts, cable trays, and conduits) easily, without any effort using just one click!

Trial

Plug-ins

The figures

Revit Search Results : Found **1599** results

Free?

Revit Search Results : Found **581** results

Paid?

Revit Search Results : Found **628** results









2020+

Revit Search Results : Found **1028** results

Plug-ins Problems

Redundancy

There are so many add-ins which do the same thing! People *will* reproduce your idea.

Most relevant				Newest	Most downloads	Best rating	Price
	Print Index OS: Win64 Save time by automatically generating saved print sets directly from items in a sheet index or sheet list schedule with the click of a button. Free	★★★★★ (19)			Schedule Quick Print and PDF OS: Win64 Prints schedules and panel schedules and exports them to PDF. USD 15.00	★★★☆☆ (1)	
	Print Setup Manager OS: Win64 This add-in will help you to manage all print setups in an Autodesk® Revit® file. Free	☆☆☆☆☆ (0)			PDF Print Manager OS: Win64 PDF Print Manager is an advanced publisher tool with intelligent detection of size and orientation, as well as naming rules to automate the naming of Sheets and Views when printing. USD 25.00	☆☆☆☆☆ (0)	
	QuickPrint - One-click print! OS: Win64 The quickest way to print one or multiple sheets in Autodesk® Revit® with only one click! Trial	★★★★★ (1)			3D Printing App for Autodesk® Revit® OS: Win64 Optimize your Autodesk® Revit® model for 3D printing. Compare materials, 3D printing services & prices Free	★★★★★ (3)	
	Easy PDF Print OS: Win64 This add-in will help you to export multiple sheets in an Autodesk® Revit® file to PDF (sheets with different sizes and orientation, and complicated names and ...). USD 50.00	☆☆☆☆☆ (0)			Easy PDF Print (Trial) OS: Win64 This add-in will help you to export multiple sheets in an Autodesk® Revit® file to PDF (sheets with different sizes and orientation, and complicated names and ...). Trial	☆☆☆☆☆ (0)	

Plug-ins Problems

Support

Not always compatible with new versions and if you run into **errors** you are at the mercy of the developer.

Compatible with:

Autodesk Revit

Version: 2021 , 2020 , 2019 , 2018

★☆☆☆☆ Keep away at all costs!

M V | January 16, 2015 **Verified Download** (What's this?)

I just tried the Parameter Editor because I wanted to add files that's when the error occurred. I could not update

Plug-ins Problems

Subscriptions

The **Netflix** phenomenon.



Magic PDF Printer - Batch Multisize PDF Print

★★★★★ (0)

OS: Win64

Export to PDF all your presentations at once, without worrying about sheet size. Automatically name your PDF files using your custom sheet parameters.

USD 3.00/M



MyUpdateFile(MUF)

★★★★★ (0)

OS: Win64

MyUpdateFile is a smart plugin to generate a QR Code for Autodesk® Revit® sheet-view.

USD 9.99/M



CADS RC3D for Autodesk® Revit® - 2021

★★★★★ (0)

OS: Win64

CADS RC3D builds on the heritage of our world-leading detailing and bar listing CADs RC / RebarCAD. CADs RC3D extends the ability to detail and produce a bar bending schedule in Autodesk® Revit®.

USD 182.00/M

Plug-ins Problems

Scaling and deployment

Most add-ins work on a single machine/user basis and must be deployed as such.



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Plug-ins
Should be

Useful and Unique

Or

Easy to use and Reliable



Plug-ins
Should be

Packaged (ideally)



Plug-ins
Should be

Affordable

(or you may get priced out of the market)

DiRoots.
connecting the dots

Free Revit Add-ins

Plug-ins Should be

Hard to **Emulate** in **Dynamo**



This plugin opens the folder explorer with the address of the active model. In the case of shared models, it opens the address of the central model.

Comparison

Aspect	Dynamo	Add-ins
Source	Open	Closed
Speed	Fairly slow	Optimal
Cost	Free	Varies
Versioning	Tied to Revit	Varies
To learn	Easy	Challenging
Profit	None?	Possible

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My Opinion

I usually respond with...

- Learn Dynamo first, then decide if you want/need to go further.
- It has and will continue to disrupt the market.
- Yes, but on the following conditions...

Plug-ins Should be

Useful and Unique

Or

Easy to use and Reliable

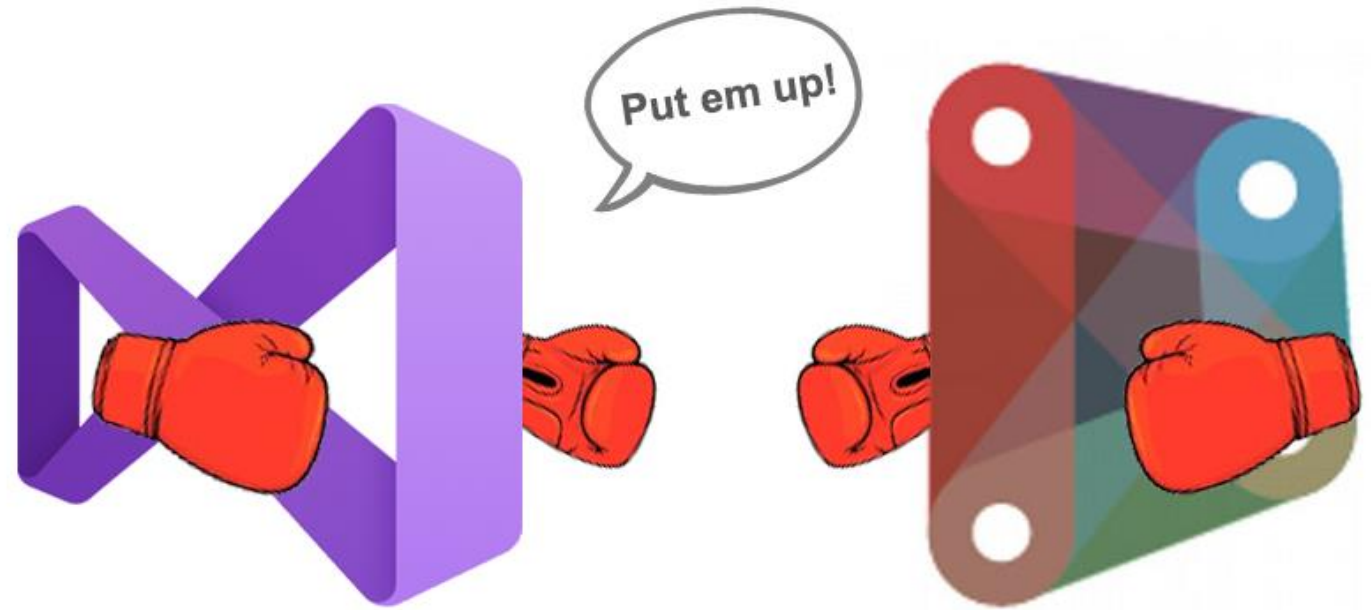
Affordable, Packaged and

Hard to Emulate in Dynamo



Files are on
github

<https://github.com/aussieBIMguru>



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