



Top 10 Autodesk® Revit® Apps for Under \$100

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AB1850 Take a walk through Autodesk® Exchange for Autodesk Revit and see the most popular apps for under \$100 in action. In this class, we present a mix of free, paid, and Autodesk apps that are sure to help any Revit user or CAD manager eliminate repetitive design tasks as well as create higher quality designs. See some fun apps too!

Learning Objectives

At the end of this class, you will be able to:

- Use productivity-enhancing Revit add-ins to save hours every week
- Take advantage of the opportunity to sell your own add-ins in the Autodesk Exchange
- Immediately download and install great productivity-enhancing add-ins
- Find new free and fee-based Revit add-ins and content on the Autodesk Exchange

About the Speaker

Sasha is a member of the Revit Product Management team in the Building & Collaboration Product Group. As the Revit platform technologies product manager, she is responsible for the direction and evolution of core Revit frameworks and the Revit API. Sasha joined Autodesk in 2005 as a developer for Revit Structure. She went on to lead the Revit Structure development team before switching gears into product management. Sasha holds a BA in Architecture and a BS in Electrical Engineering & Computer Science from the University of California, Berkeley and is pursuing her MBA at Boston University. In her spare time, Sasha enjoys growing miniature orchids and is an avid traveler.

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Use productivity-enhancing Revit add-ins to save hours every week

Your portal to the Autodesk Revit software ecosystem, Autodesk Exchange provides access to Add-ins that allow you to more efficiently author information-rich Building Information Models and help you customize Autodesk® Revit® to meet your unique and specific design needs.

- Safe. Easy. Powerful
- Extend the power of Autodesk software
- Easily search, browse, purchase, download and use

The Autodesk Exchange Apps site for Autodesk Revit currently has 190 apps, some of which are free, trial, or paid. All apps provide immediate solutions to problems.

Getting the add-ons you need has never been easier. Visit the Revit Autodesk Exchange store to access a broad range of Autodesk approved extensions.

What Is an App?

- Add-in
- Standalone application
- Web service
- Training tutorial
- E-book
- Content

Take advantage of the opportunity to sell your own add-ins in the Autodesk Exchange

Create your own apps for inclusion at the Autodesk Exchange Apps site for Revit

App Submission Guidelines

- The App must delight and deliver value to customers
- Your product must be relevant to (and usable with) Autodesk® Revit® and must run on any Windows operating system supported by Revit.
- Your product must be easy to install and maintain
- Product must be stable and not misuse customer data
- Full product guidelines are available here:
<http://apps.exchange.autodesk.com/Publisher/ProductGuidelines>
- Autodesk Developer Network (ADN) membership – helpful but not required

Helpful Links for App Developers

- My First Plugin Training
<http://www.autodesk.com/myfirstrevitplugin>
 - A self-paced tutorial and assumes no programming knowledge.
 - 7 lessons to get you started with Revit programming
 - Video and lessons can be downloaded
- Autodesk Development Network (ADN) - Revit Development Center
www.autodesk.com/developrevit
- Revit API Developer Guide (Wiki Help)
www.autodesk.com/revitapi-wikihelp
- The Building Coder – Revit API Blog
thebuildingcoder.typepad.com
- ADN AEC DevBlog
adndevblog.typepad.com/aec

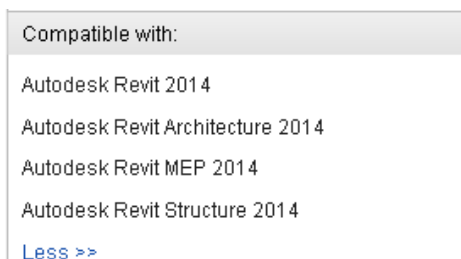
Immediately download and install great productivity-enhancing add-ins

To download a Revit add-in from Autodesk Exchange visit:

<http://apps.exchange.autodesk.com/RVT/en/Home>

Browse to the desired App by searching Exchange Apps or try out an app from the featured apps list.

Check that the app is compatible with your version of Revit.



Click the “Free”, “Trial” or “USD XXX” button to download the app.

Once the install process completes you can immediately gain productivity by using the apps in your everyday workflows. For most apps in Revit 2014, the tools will immediately show up in either the Add-Ins

or their own tab. However, a few more complicated apps in Revit 2014 and all apps in 2013 will require a restart of Revit to appear in the UI.

Find new free and fee-based Revit add-ins and content on the Autodesk Exchange

Try These Revit Apps for Under \$100

- **RushForth Tools For Revit**
 - Publisher: RushForth Projects
 - Cost: Trial / \$49.99
 - Features:
 - Filter elements on parameter values, find/replace values in parameters, automate creation of project shared parameters, Excel link and more
 - Raytrace Move and Create Tools
 - Automatic Sheet and View Creation
 - Automatic Space and Zone Creation
 - Circuit Tools
 - And more...

- **SOFiSTiK 3D-PDF Export**
 - Publisher: SOFiSTiK AG
 - Cost: \$9.90
 - Features:
 - Create 3D files that can be opened by a PDF reader
 - Export of whole model, view or selection
 - Element information written to PDF model tree
 - JavaScript support for further customization

- **COINS Parameter Report**
 - Publisher: COINS
 - Cost: \$4.99
 - Features:
 - Quickly view, sort, copy and edit element parameters
 - Remove duplicate element marks
 - Export parameter information to Excel
 - Quickly create temporary and permanent views focused on selected elements

- **Schedule Sync**
 - Publisher: BIMCODER, Inc
 - Cost: Free
 - Features:
 - Export Revit schedule data to Excel
 - Import Excel schedules and automatically update the model

- **Palladio X BIM WindowsLayout**
 - Publisher: Mensch und Maschine acadGraph GmbH
 - Cost: Free
 - Features:
 - Arrange windows by optimizing active view screen space
 - Save and restore window configurations

- **Text Case Tools**
 - Publisher: Joe Sferrazza
 - Cost: \$4.99
 - Features:
 - Check elements in the model for compliance and convert text to all uppercase or lowercase letters.
 - Convert selected text notes, levels and rooms to uppercase, lowercase, title case or sentence case.

- **Topo From Lines**
 - Publisher: Boost Your BIM
 - Cost: Free
 - Features:
 - Create topography surfaces from model lines and CAD imports
 - Update topo surfaces on model line changes

- **BIMobject**
 - Publisher: BIMobject AB
 - Cost: Free
 - Features:
 - Browse and download manufacturer content directly from Revit
 - Direct access to detailed object information

- **RTV Xporter**
 - Publisher: RTV Tools Limited
 - Cost: Trial / \$9.99
 - Features:
 - Automate creation of PDF, DWG, DWF, DWFx, DXF and IFC files
 - Memorize sheet/view sets
 - Name files to match team or company conventions
 - Batch print to two separate printers simultaneously

- **Egan View Name by Sheet Number**
 - Publisher: Egan BIM Resources
 - Cost: Trial / \$20.00
 - Features:
 - Comprehensive view naming system

Top 10 Autodesk® Revit® Apps for Under \$100

- Views added to sheet are automatically renamed to Sheet Number_Detail Number_Title on Sheet (e.g. A1.2_3_RoofDetail)
- Views removed from a sheet regain their original name
- Batch update for existing projects