

Dynamo Studio Webinar

By CAD Masters, Inc.

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About Dynamo

- ▶ What is Autodesk Dynamo?
 - ▶ Autodesk Dynamo is a visual programming language. Some call it flow-based programming
 - ▶ It's a generative programming language for building interactive and complex geometric shapes
 - ▶ 'Tinker' with the Revit backend
 - ▶ Take mundane tasks and automate work
 - ▶ Designed for mere mortals (but coders love it too!)

Autodesk Dynamo Workflow

- ▶ How is Dynamo used?
 - ▶ Nodes - Discrete Functions designed to do specific tasks
 - ▶ Inputs and Outputs - Connectors which can read or write data
 - ▶ API - Communicate with Revit, files on your computer, or the web
 - ▶ Run Automatic
 - ▶ Run Manually (Recommended)

API = Application Program Interface (protocol on how Dynamo reads and writes w/ Revit)

How to Get Autodesk Dynamo Studio

- ▶ Dynamo with Revit - Installed together with Revit and does not need to be purchased separately
 - ▶ Free with subscriptions to Revit and the AEC collection.
- ▶ Autodesk Dynamo Studio - Available for purchase as a standalone product for users not running Revit

Resources:

How do I find out more?

- ▶ Dynamo's website - dynamobim.org
- ▶ The creator's blog - dynamobim.org/author/iankeough/

Are there example files available?

- ▶ AU.Autodesk.com
 - ▶ [Dynamo for Structure](#) by Marcello Sgambelluri
 - ▶ [Conceptual Structural Design Using Revit Adaptive Components and Dynamo](#) by Desiree and Brian Mackey
 - ▶ [Revit and Dynamo for Interior Design](#) by William Carney

How do I get involved?

- ▶ User community on Github
- ▶ DynamoBIM.org
- ▶ Twitter: @ikeough, @zachkron