

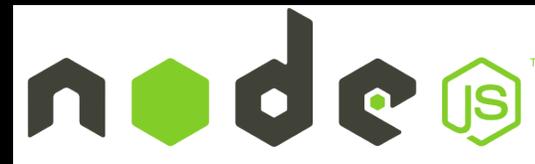
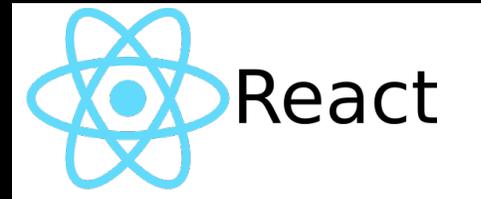


# AUTODESK<sup>®</sup> FORGE

Getting Started



# Based on Standard Web Technologies

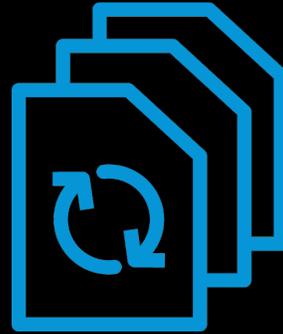




# Forge Services



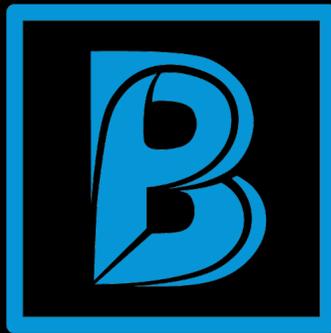
Data Management



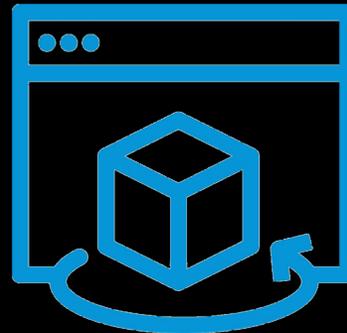
Model Derivative



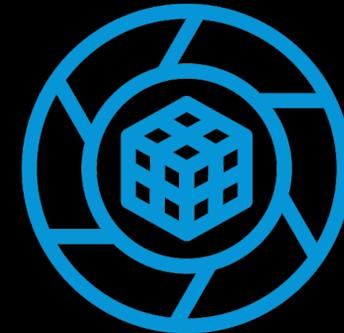
Design Automation  
(Revit, Inventor, AutoCAD, Civil 3D, 3DS Max)



BIM 360



Viewer



Reality Capture



# What Developers Build with Forge

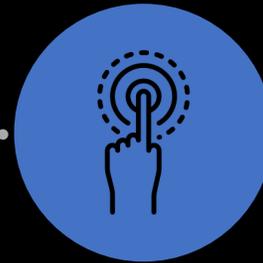
**DATA VISUALIZATION & ANALYSIS**



**DIGITAL TWIN**



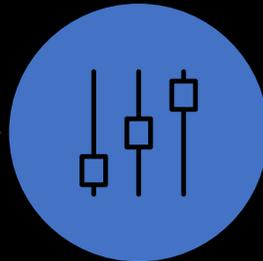
**AUGMENTED & VIRTUAL REALITY**



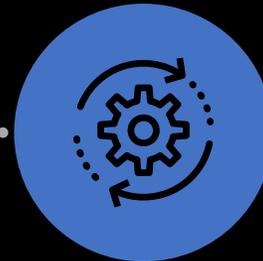
**SAAS INTEGRATION**



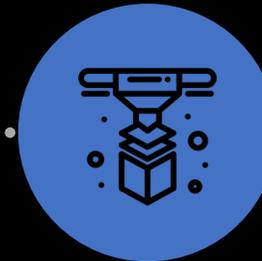
**CATALOGS**



**CONFIGURATORS**



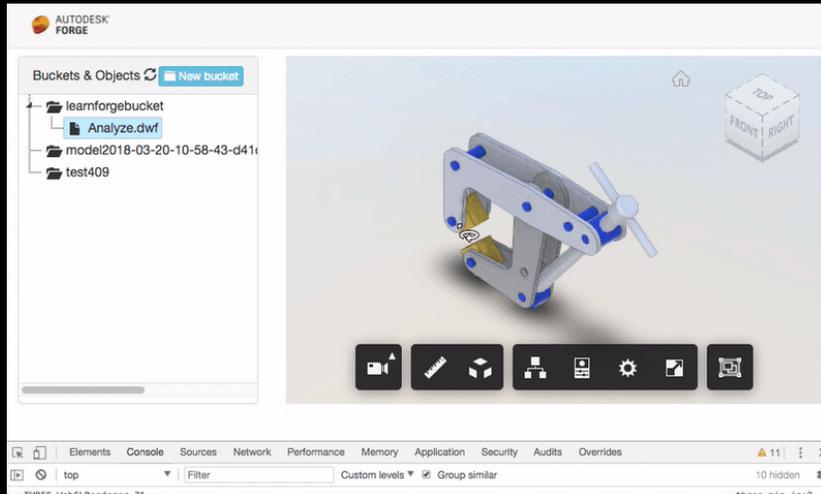
**DESIGN AUTOMATION**



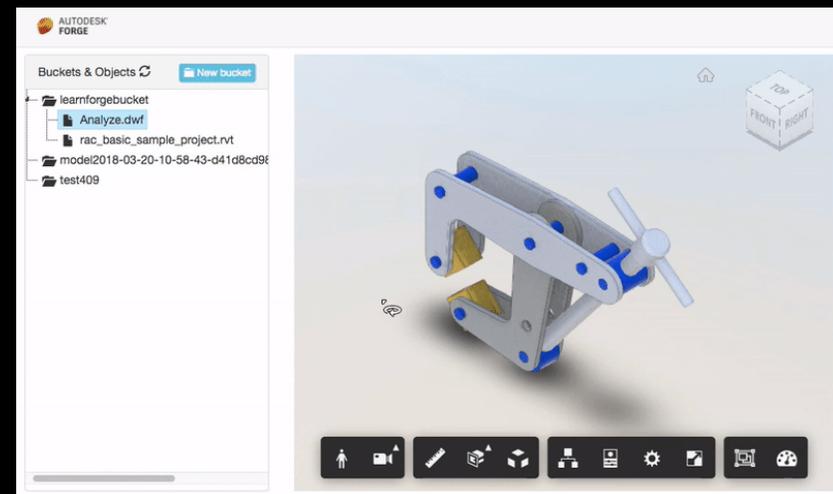
**PHOTO TO 3D**



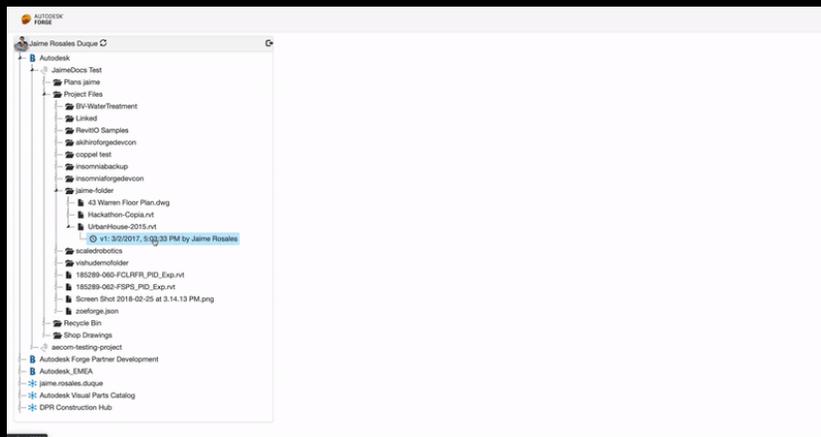
# Learning Material



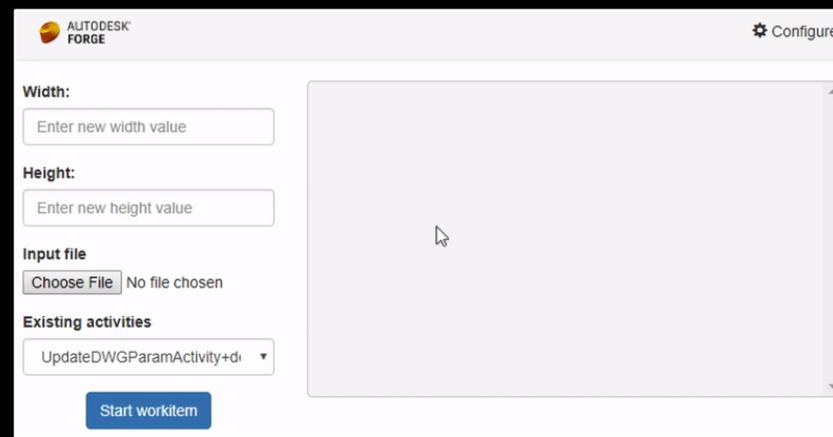
[learnforge.autodesk.io/#/viewer/extensions/selection](https://learnforge.autodesk.io/#/viewer/extensions/selection)



[learnforge.autodesk.io/#/viewer/extensions/panel](https://learnforge.autodesk.io/#/viewer/extensions/panel)



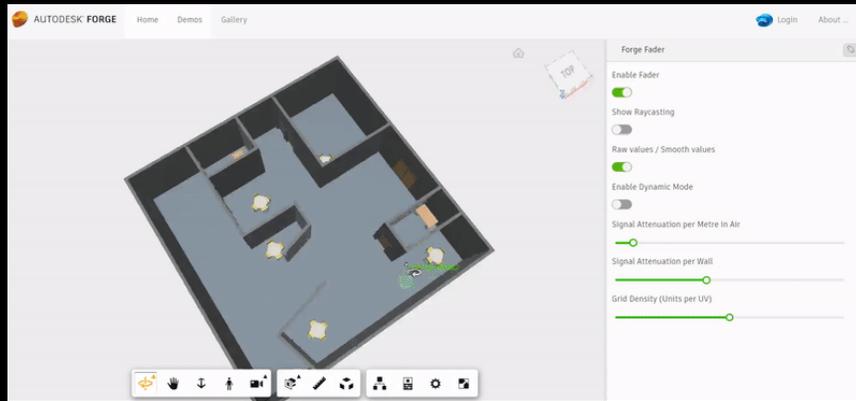
[learnforge.autodesk.io/#/tutorials/dashboard](https://learnforge.autodesk.io/#/tutorials/dashboard)



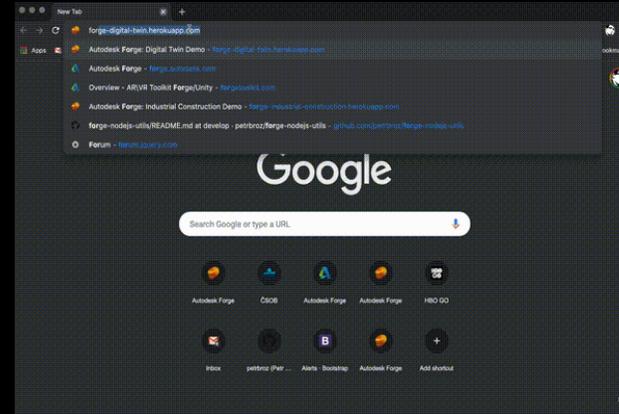
[learnforge.autodesk.io/#/tutorials/modifymodels](https://learnforge.autodesk.io/#/tutorials/modifymodels)



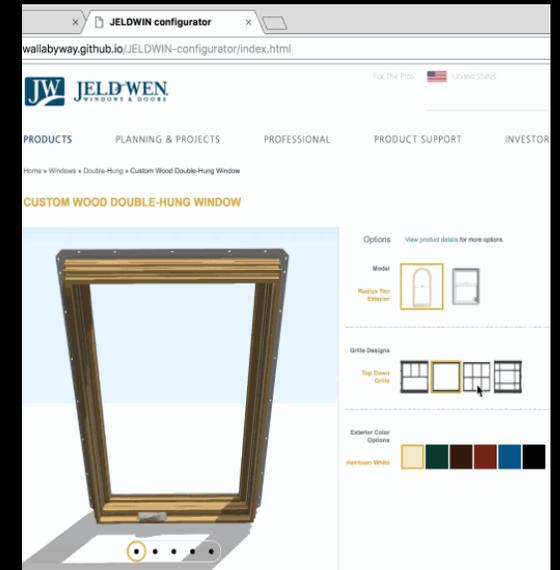
# Showroom Samples



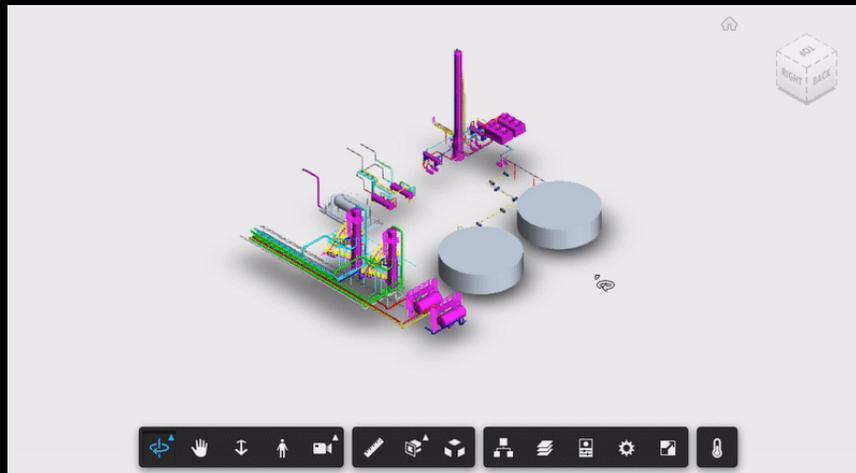
[Demo](#)



[Demo](#)



[Demo](#)



[Demo](#)



[Demo](#)



# Coding Samples



## Forge Platform

Forge is a set of Autodesk APIs and services for software developers to build innovative cloud-powered apps.

<https://developer.autodesk.com> [forge.help@autodesk.com](mailto:forge.help@autodesk.com)

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### forge-tutorial-postman

Postman collection for Forge Design Automation tutorials

MAXScript MIT 49 23 1 0 Updated 2 hours ago

### forge-configurator-inventor

Demo for Autodesk Forge Design Automation for Inventor

forge autodesk inventor autodesk-inventor autodesk-forge

JavaScript MIT 6 9 1 2 Updated 6 hours ago

#### Top languages

- JavaScript
- C#
- Java
- HTML
- CSS

#### Most used topics

Manage

- nodejs
- csharp
- autodesk-bim360
- autodesk-data-management
- viewer

[github.com/Autodesk-Forge](https://github.com/Autodesk-Forge)



# Developer Documentation

## DOCUMENTATION

### APIs & Services

Access information on how to use Forge APIs and Services



#### Authentication

Generate tokens based on the OAuth 2.0 standard to authenticate requests made to Forge APIs and SDKs.

[Developer's guide](#) >

[API reference](#) >



#### BIM 360

Integrate with the Autodesk BIM 360 platform to extend its capabilities to reach segments of the construction ecosystem that don't have direct access to BIM data.

[Intro](#) >

[Developer's guide](#) >

[API reference](#) >



#### Data Management

Access data across BIM 360 team, Fusion Team, BIM 360 Docs, and the Object Storage Service to build apps to display and extend your data in ways that add value to your users.

[Intro](#) >

[Developer's guide](#) >

[API reference](#) >



#### Design Automation

Automate repetitive tasks by leveraging on the scale of the Forge Platform and running scripts on your design files in the cloud.

[Intro](#) >

[Developer's guide](#) >

[API reference](#) >



#### Model Derivative

Derive outputs viewable by the Forge Viewer from more than 60 CAD file formats, and extract metadata about the models as well as the individual objects within the model.

[Intro](#) >

[Developer's guide](#) >

[API reference](#) >



#### Reality Capture

Convert digital images into high resolution textured meshes, dense point clouds and orthophotos.

[Intro](#) >

[Developer's guide](#) >

[API reference](#) >

[forge.autodesk.com/developer/documentation](https://forge.autodesk.com/developer/documentation)



# Community Blog

 CONFIGURATOR 360



 AUTODESK FORGE  
 Design Automation

OCTOBER 12, 2020

## Configurator 360 to Design Automation

ADAM NAGY

As it was announced on the Configurator 360 website, current customers are encouraged to migrate to Design Automation API for Inventor. In order to help with that process, the Design Auto... [READ MORE](#)

TAGS [Design Automation API for Inventor](#) , [Design Automation API](#) , [Code Samples](#)



OCTOBER 7, 2020

## Join the Forge Hackathon at Autodesk University 2020

JAIME ROSALES, SANJANA CHAND

Get your creative juices flowing! The Forge team is hosting an online Hackathon the week right before Autodesk University. Grab a team or join one before the Hackathon begins on November ... [READ MORE](#)

TAGS [Events](#)

[forge.autodesk.com/blog](https://forge.autodesk.com/blog)



# Forge Support



[autodesk-forge](#)  
[autodesk-designautomation](#)

[stackoverflow.com](#)