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It’s Not Too Late to Automate: Using Forge Design Automation for Inventor

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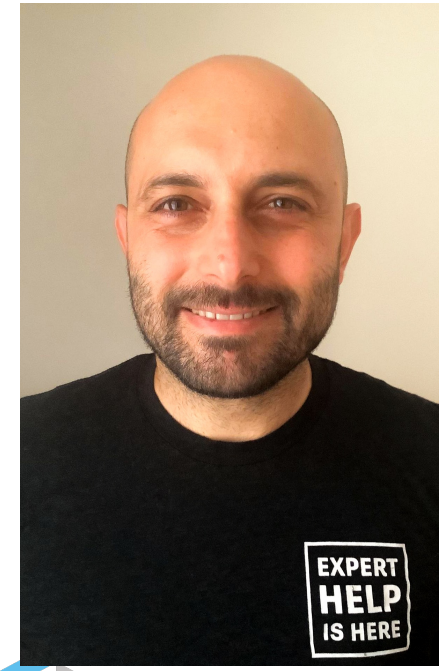
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ABOUT THE SPEAKERS

FORGE





Codeo

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LEARNING OBJECTIVES

Learn about

- the benefits of automating common, repetitive tasks
- how fellow customers are moving automation from the desktop to the cloud
- how to get started creating your own Forge-based automations



FORGE

A set of web service APIs



3400+

HTML CSS JavaScript

node.js

RESTful API

GET PUT POST DELETE

React

Microsoft® .NET

ANGULARJS

Forge Platform Today



Data Management API
Access and manage files and data



Design Automation API
Automate design and editing



Model Derivative API & Viewer
Convert files, extract data and view 2D and 3D models



Reality Capture API
Create 3D models from photos



BIM 360 API and Autodesk Construction Cloud Platform (ACC) APIs
Build apps and custom integrations for the AEC industry



Webhooks API
Receive event notifications from Autodesk Web Services

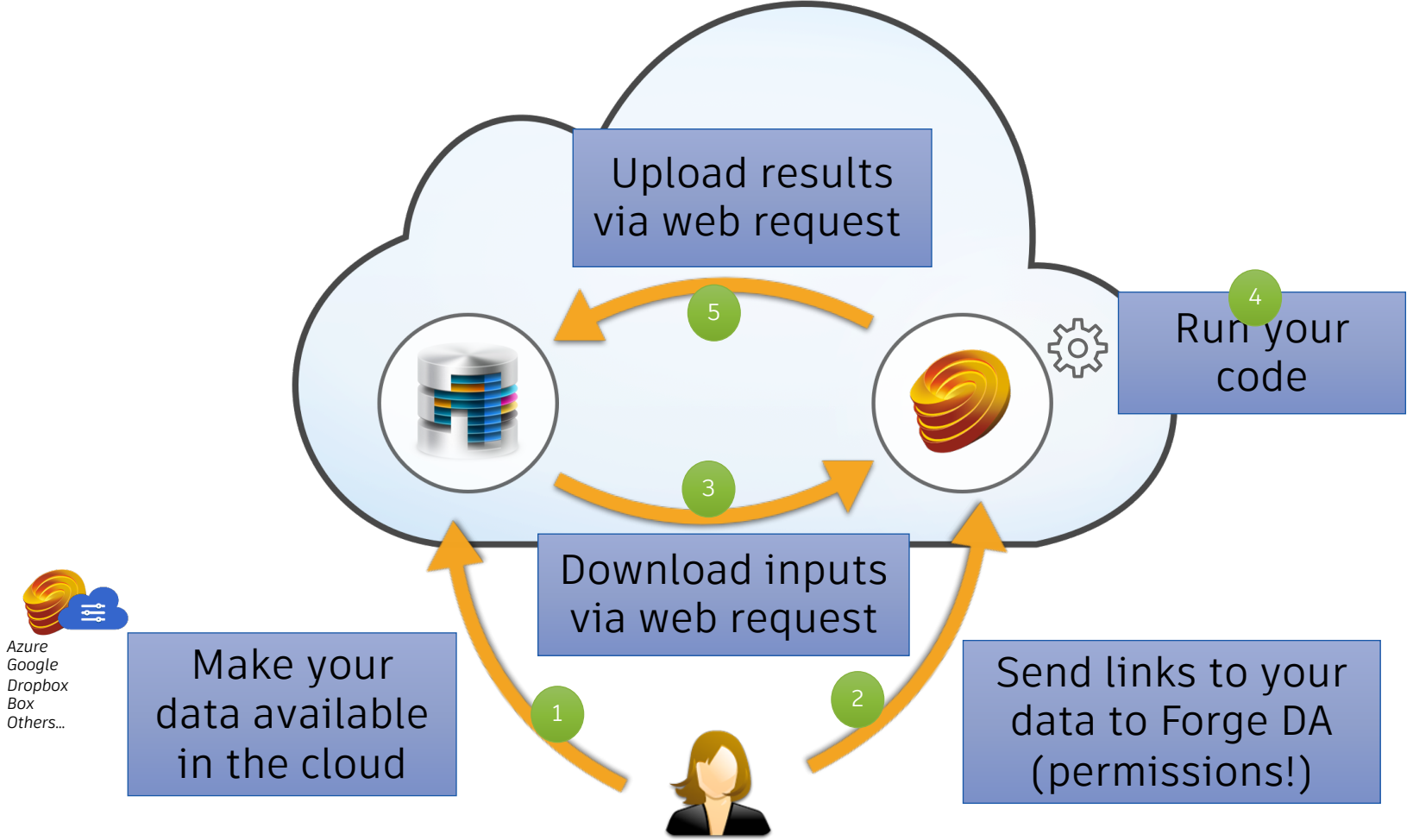
Design Automation

AUTODESK FORGE®

Design Automation APIs

Access the automation capabilities of Autodesk's core products as cloud services



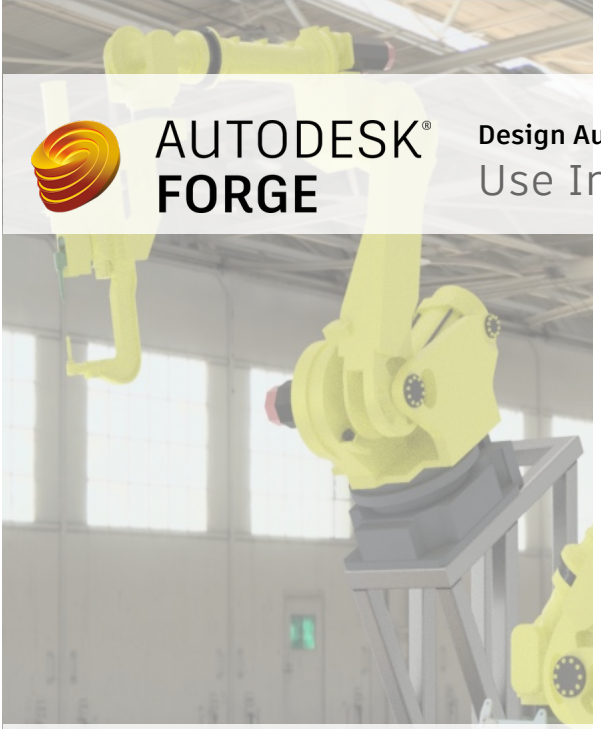


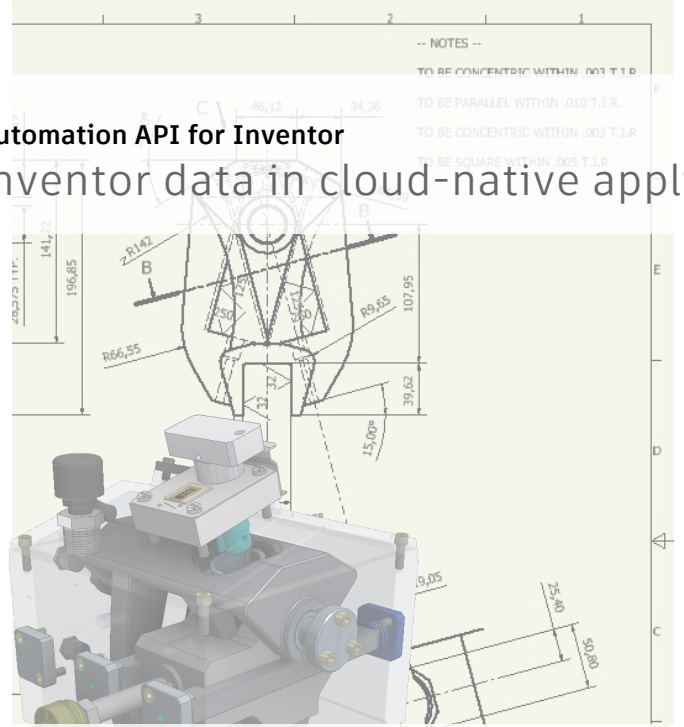
ⓘ Input/outputs are **NOT** stored, they are downloaded/processed and **DISCARDED**

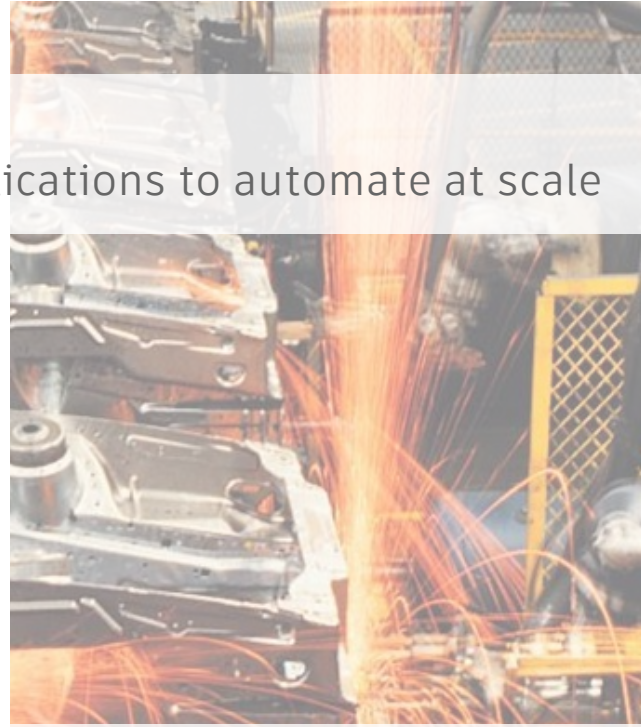
AUTODESK® FORGE

Design Automation API for Inventor

Use Inventor data in cloud-native applications to automate at scale







Configure

- Engineering Automation
- Sales Configuration
- iLogic

Export

- CAD Formats
- Drawings
- BOM
- Custom Interop

Generate

- Design Alternatives
- Product Families
- Model Validation
- Bulk Operations

Demos



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Kiosk Configurator: Integrated Time Saver

Kivanc Kizildemir
Founding Partner | linkedin.com/in/kivanckizildemir

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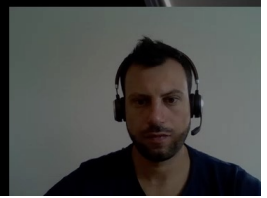
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Design automation with Inventor/Forge: Flexible Pipe End-Fitting Configurator.

Sam Taoum

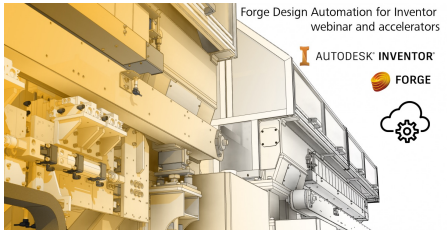
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How to get started

RESOURCES and SUPPORT



Getting started tutorial and documentation

- Individually - https://learnforge.autodesk.io/#/
- With Forge engineers – online trainings - https://forge.autodesk.com/blog/forge-online-bootcamp-september-2021
- https://forge.autodesk.com/en/docs/design-automation/v3/developers_guide/overview/

Build Forge applications with Forge engineers - Accelerators

Technical Support

- Stackoverflow
- forge.help@autodesk.com
- schedule zoom calls with Forge engineers and join our Coffee breaks with Augusto

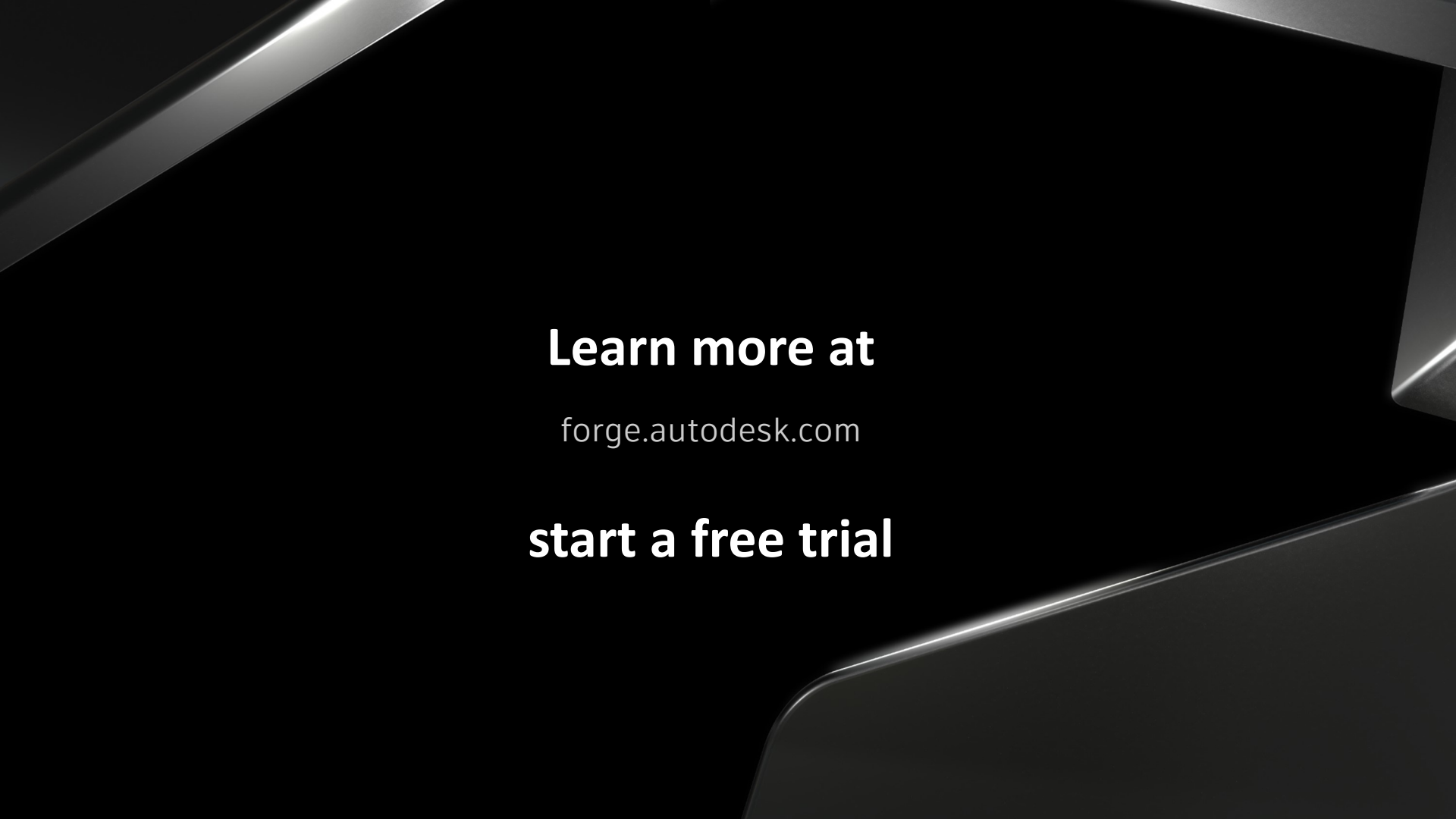
Forge System Integrators - https://forge.autodesk.com/systemsintegrators

Estimate cost – https://forge.autodesk.com/pricing and https://forge-calculator.autodesk.io/

Optimize DA process and Faster Configuration results

What is Forge in 7 videos

Forge POCs with code samples


Learn more at
forge.autodesk.com
start a free trial

Questions?

Forge at Autodesk University 2021

SEE WHAT'S IN THE WORKS

Forge Roadmap Class

SHORT AND SWEET TECHNICAL OVERVIEWS

Forge Lightning Talks

A WALK THROUGH TIME

Forge Documentary

EXPLORE THE WINNING APPS

Forge Hackathon Showcase



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