Create Pluggable Nanoflow Actions with JavaScript to Enhance Experiences

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Workshop resources: https://tinyurl.com/jsactions-workshop
Agenda

1. Introduction
2. Workshop
3. QA
Pluggable Nanoflow Actions

a.k.a. JavaScript actions

- Extend nanoflows with custom logic
- Build powerful device integrations
- Code editor in Studio Pro
- Offline Actions
- Share via AppStore
Real world case

I am asking for user confirmation halfway in a Nanoflow. How can we accomplish this?
Demo

How are we using JavaScript Actions in our Nanoflow?
Best Practice

Check User Input
Only use your own DOM
Test across platforms
Return your data

See best practice guide, in the resource pack
What can you make?

**Basic: Text2Speech**
Your first steps in the world of being a Maker with Nanoflows & JavaScript Actions.

*Have you computer talk to you.*

**Advanced: GitHub Search**
Use advanced asynchronous patterns for more complex situations.

*Search for GitHub Users.*

**Design your own action**
You can think of doing things like HTML5 API’s, Hybrid Plugins and Web Services.

*Please find the assignments in the resource pack*
Get started

- Mendix Modeler 7.23.3
- Change the shortcut, add this feature flag to the Target: `--enable-jsactions`
- Check if the feature flag works:
  1. Right click in a module
  2. “Add other”
  3. “Javascript Action”

If the WiFi is unreliable, please borrow a USB stick here containing a ZIP file with all the necessary material to be used in this workshop.

DISCLAIMER: JavaScript Actions are part of the private beta in Mendix 7, and unsupported.
Enable & Check
Questions & Answers

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Take this power home!

Be creative, use your imagination, design new functions, create actions, explore the new powers, empower others, share through app store.

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