

I For One Welcome Our Robot Overlords

How To Build Trust In Test Automation

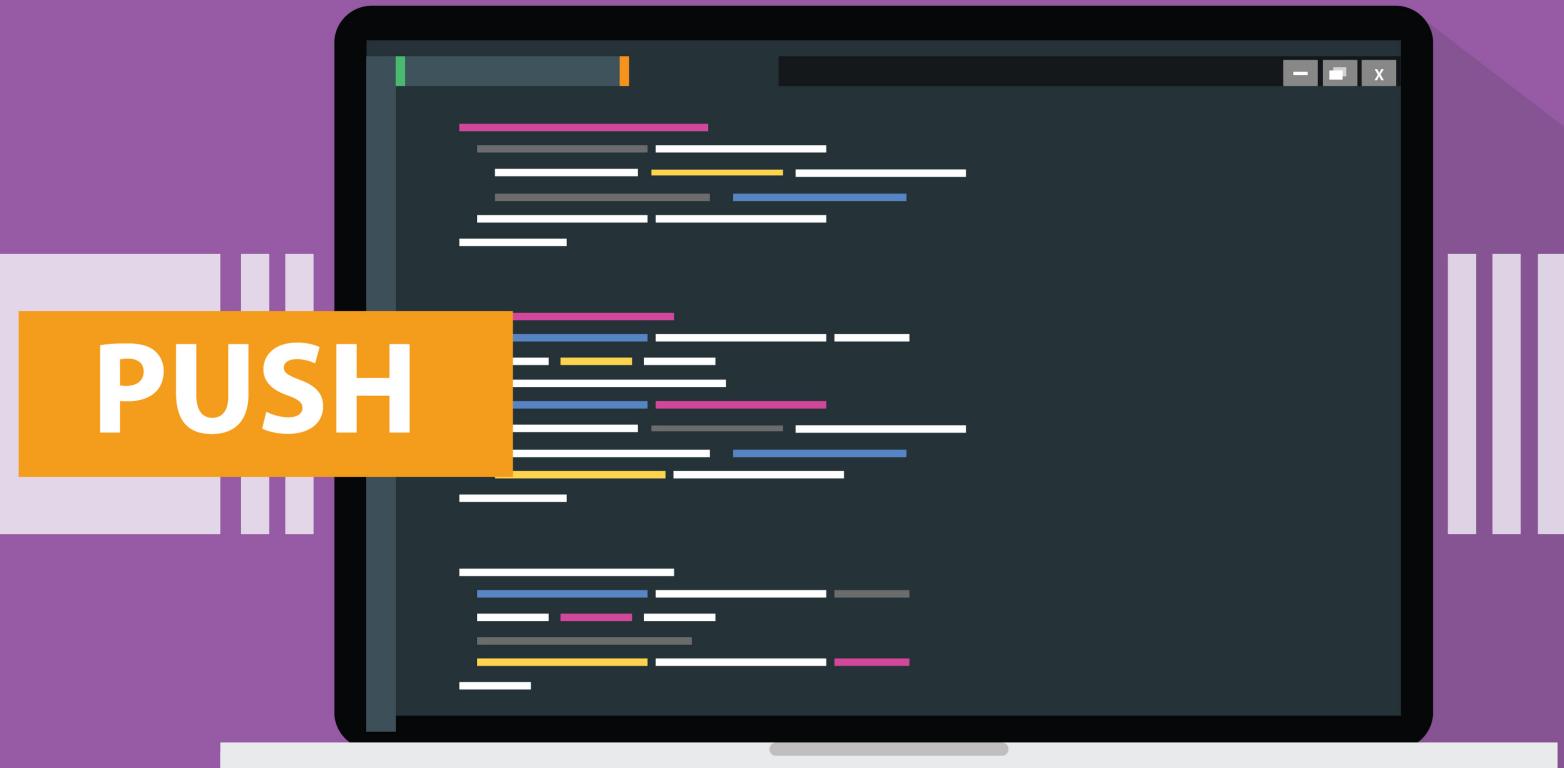
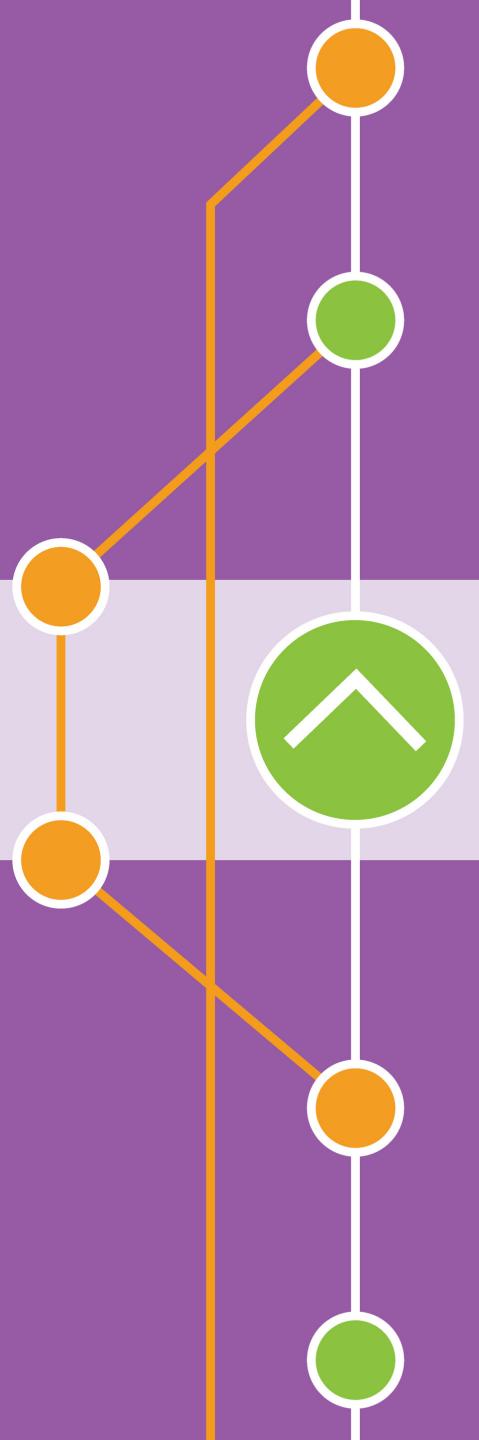
Maciek (WU NAME: Unlucky Lion), SRE Tech Lead, Keebo.ai







What Used To Be.





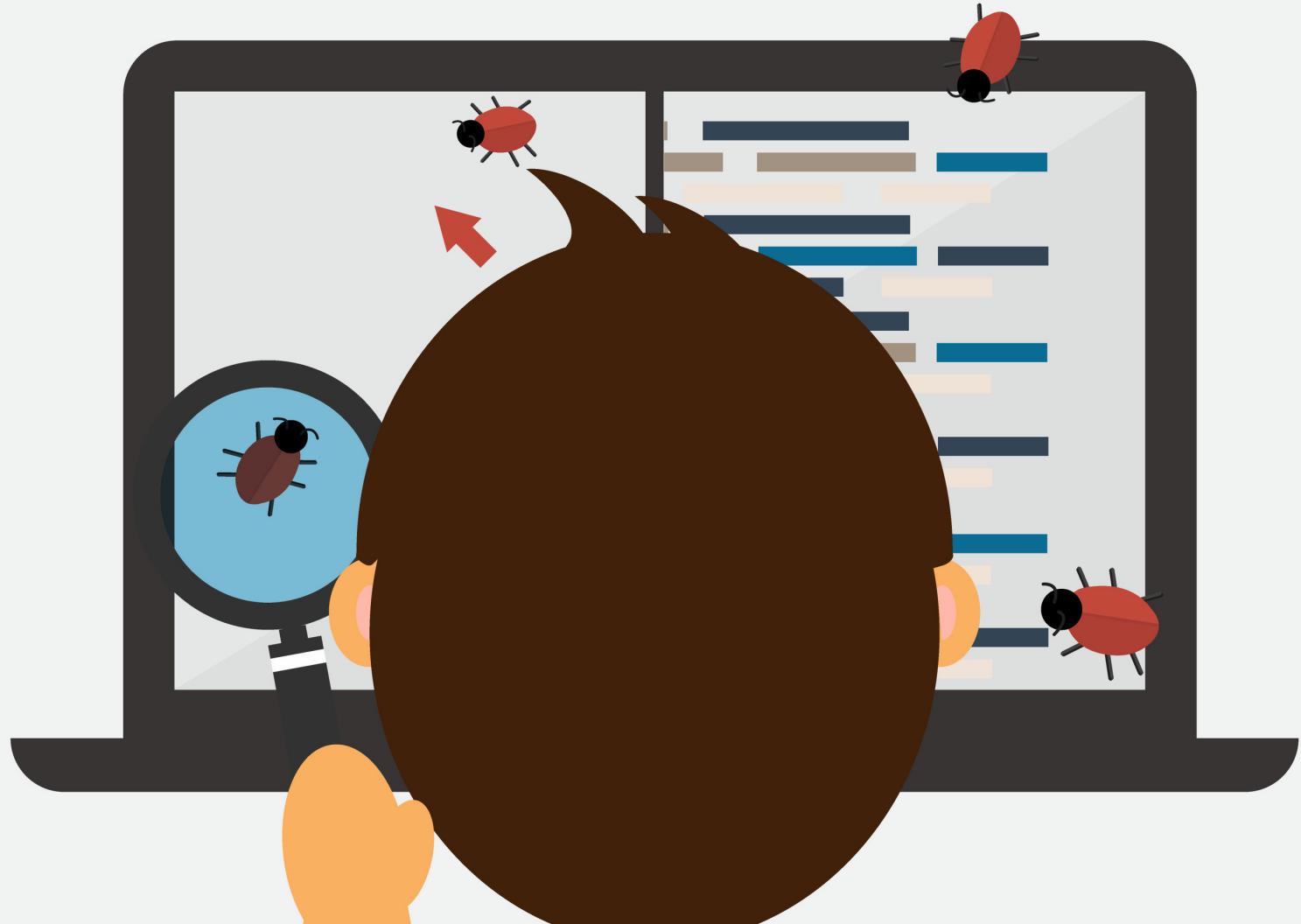
Automated
testing

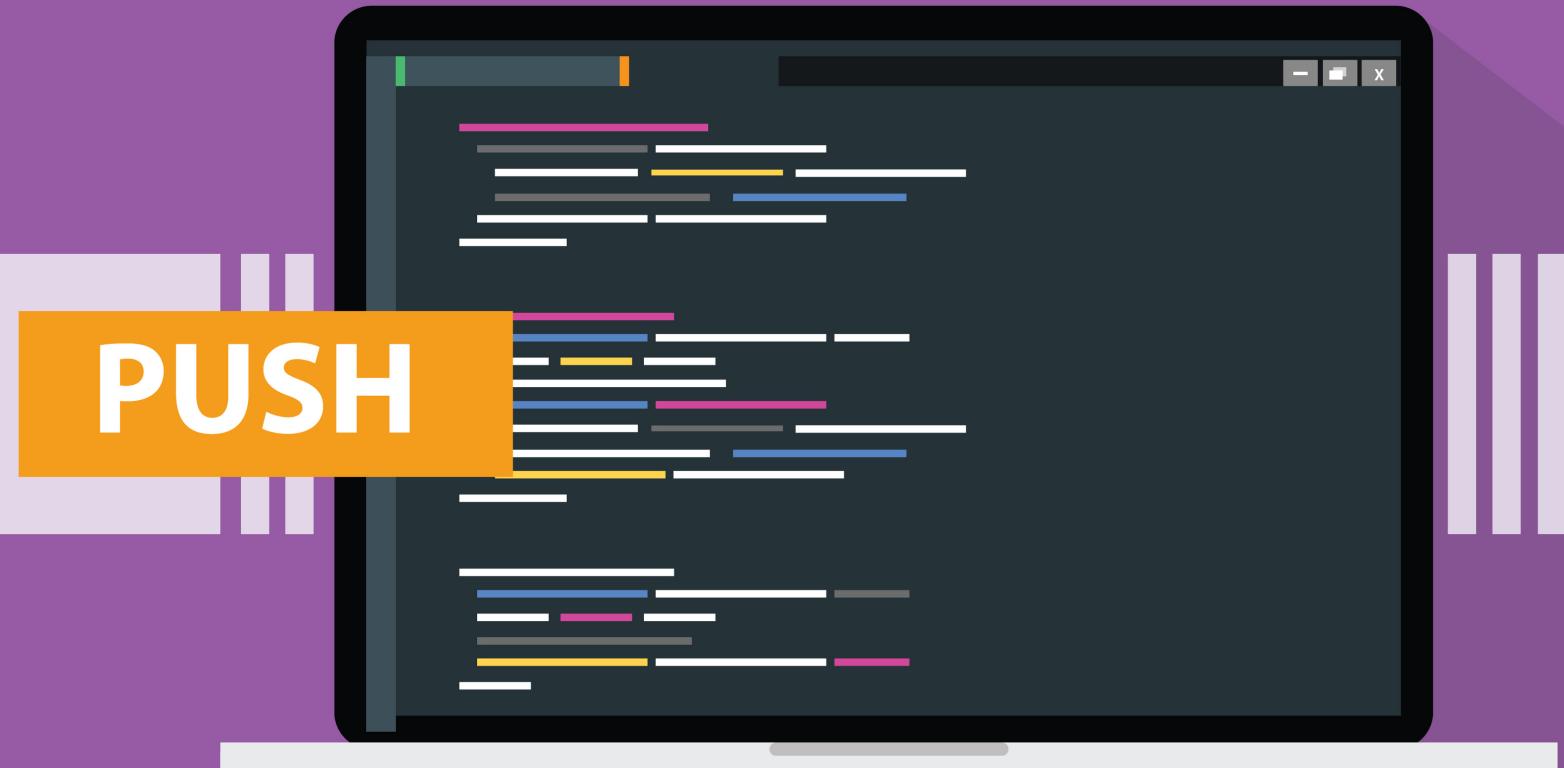
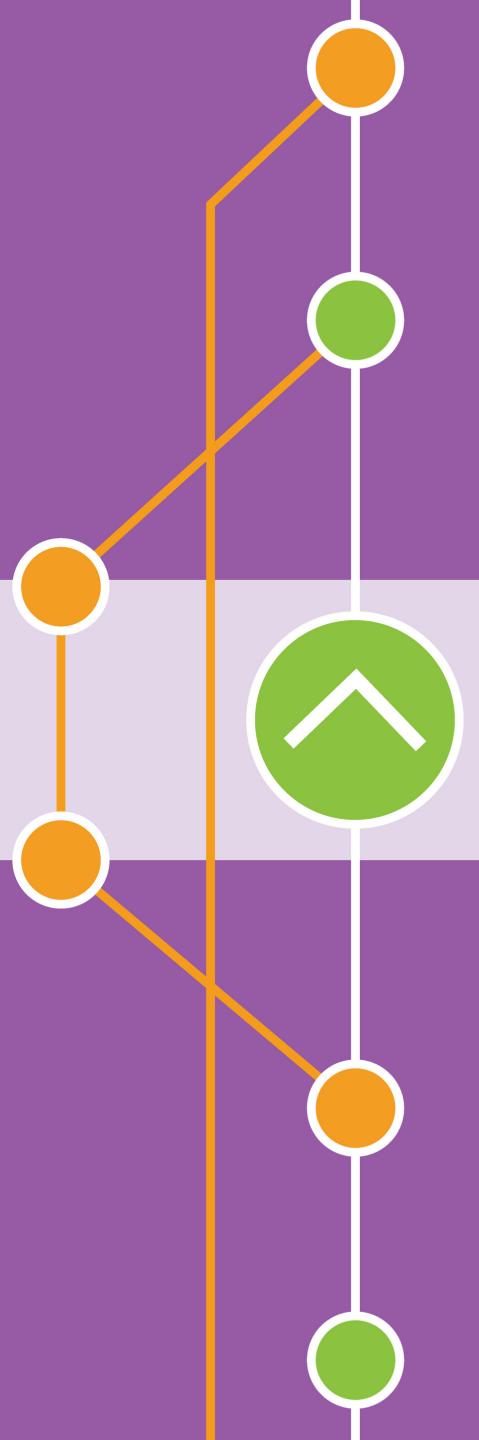
WAIT

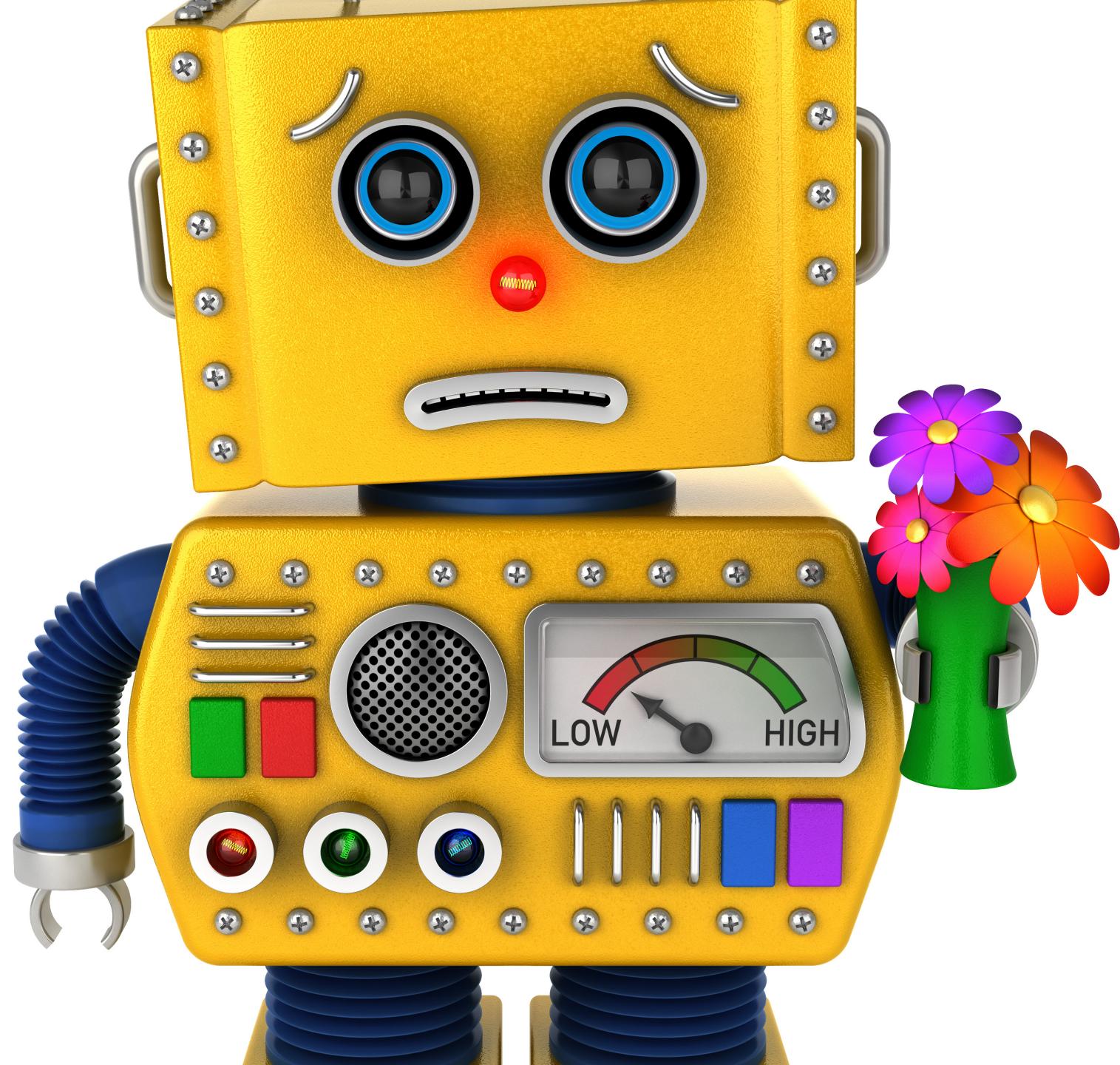
wait to cross







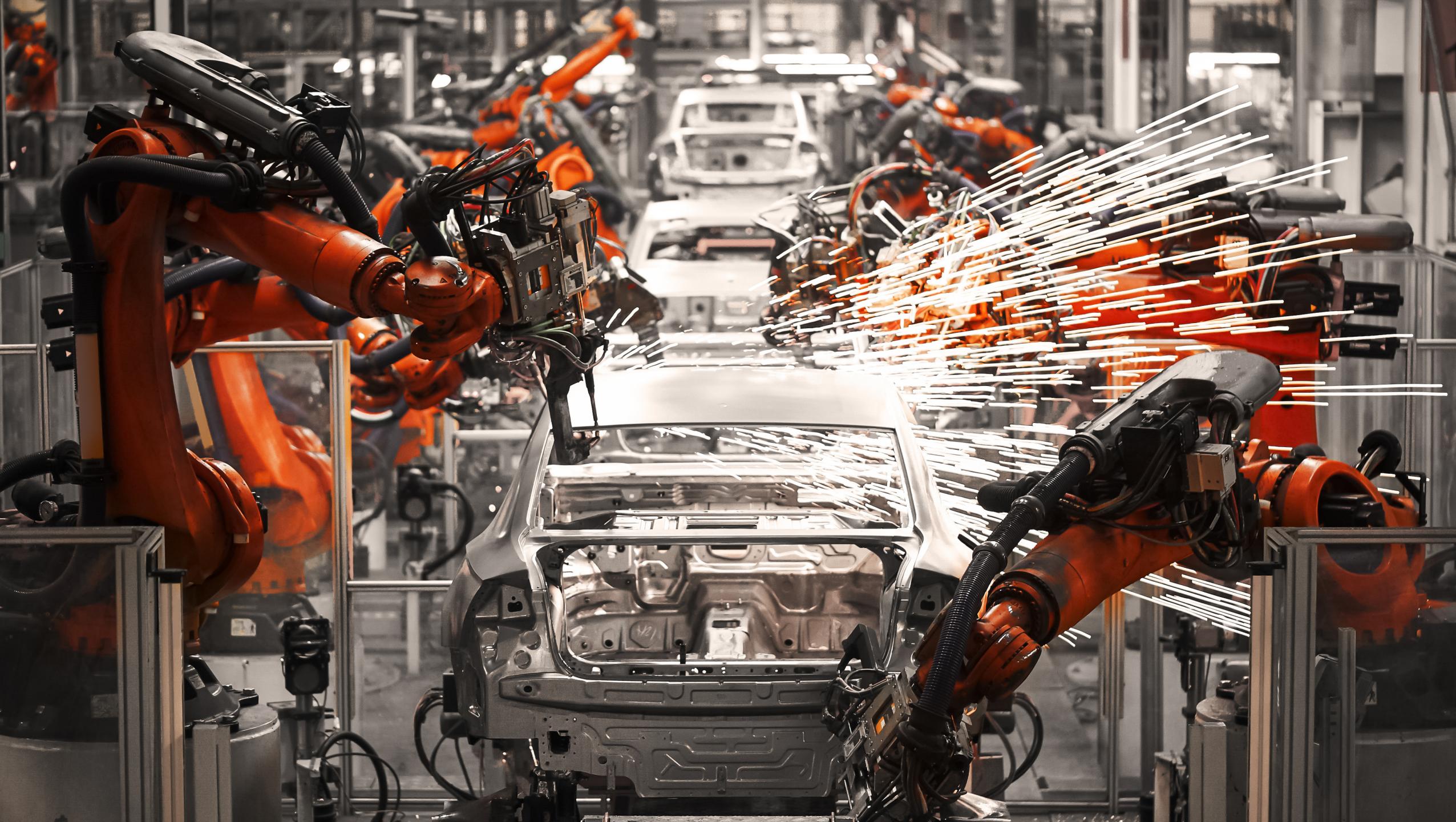






Trust = *Reliability + Visibility + Speed*

Reliability.



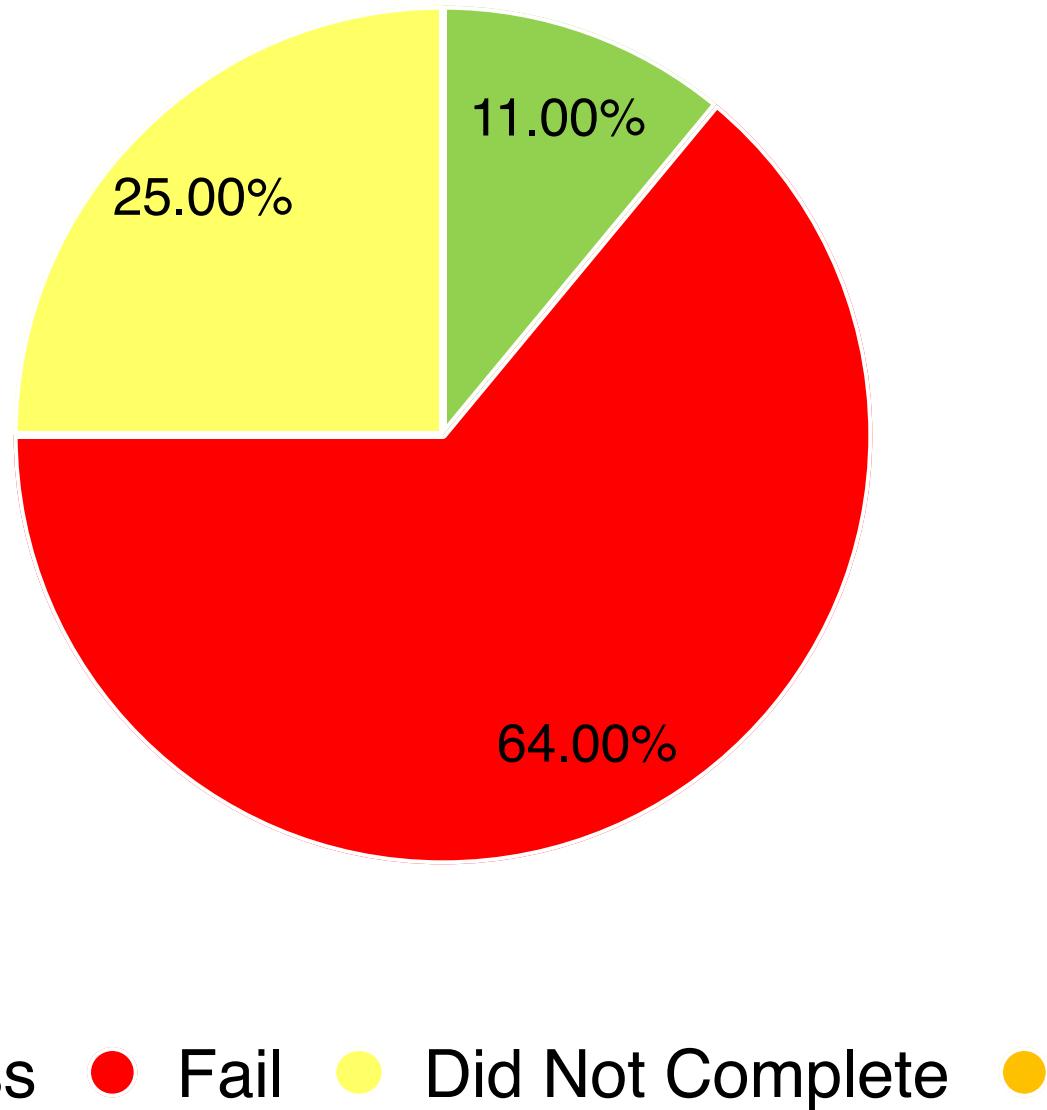
Fatal error

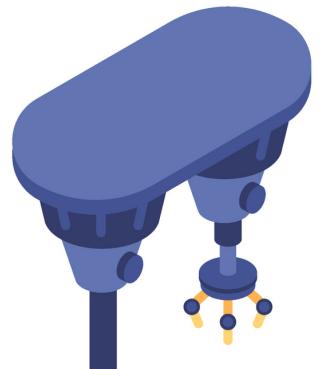
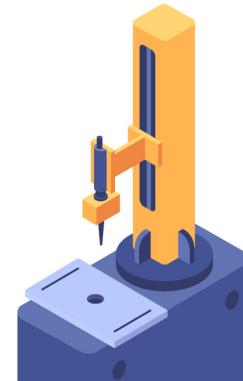
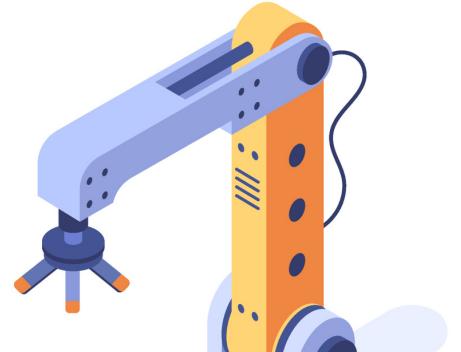
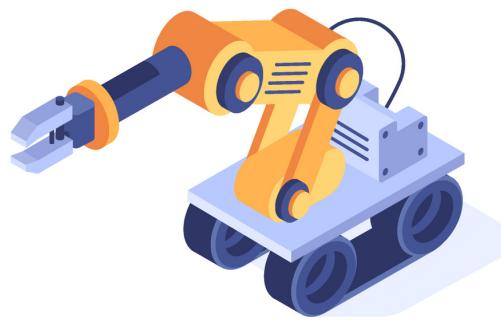
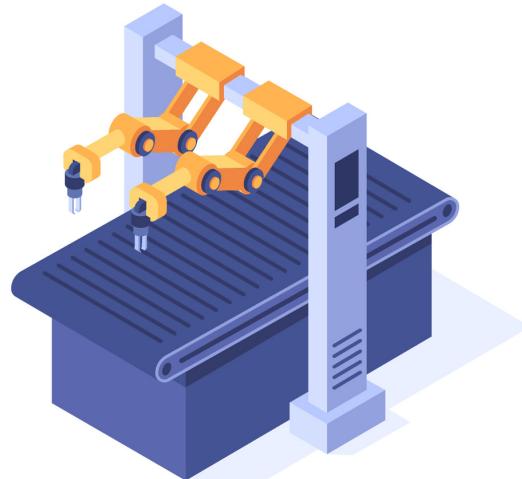
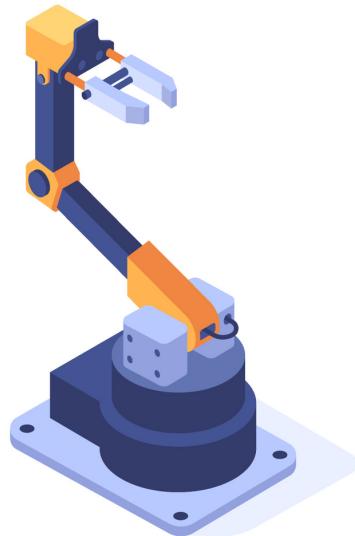
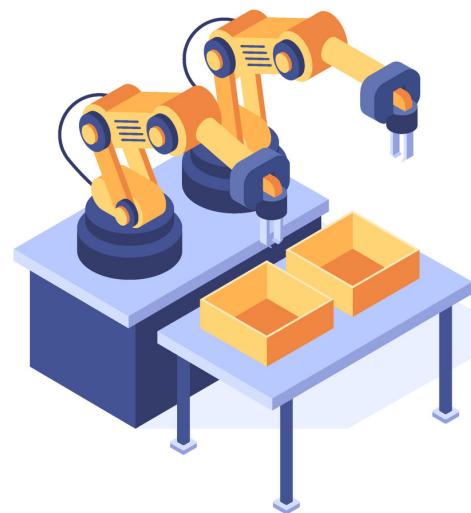
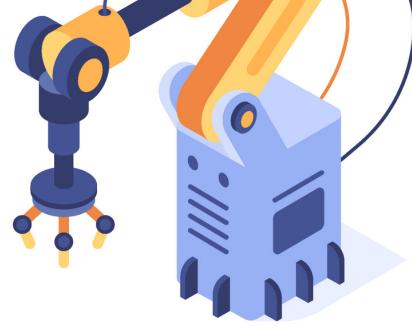
Surprisingly, the Operating System crashed again. Here is your usual sad screen.

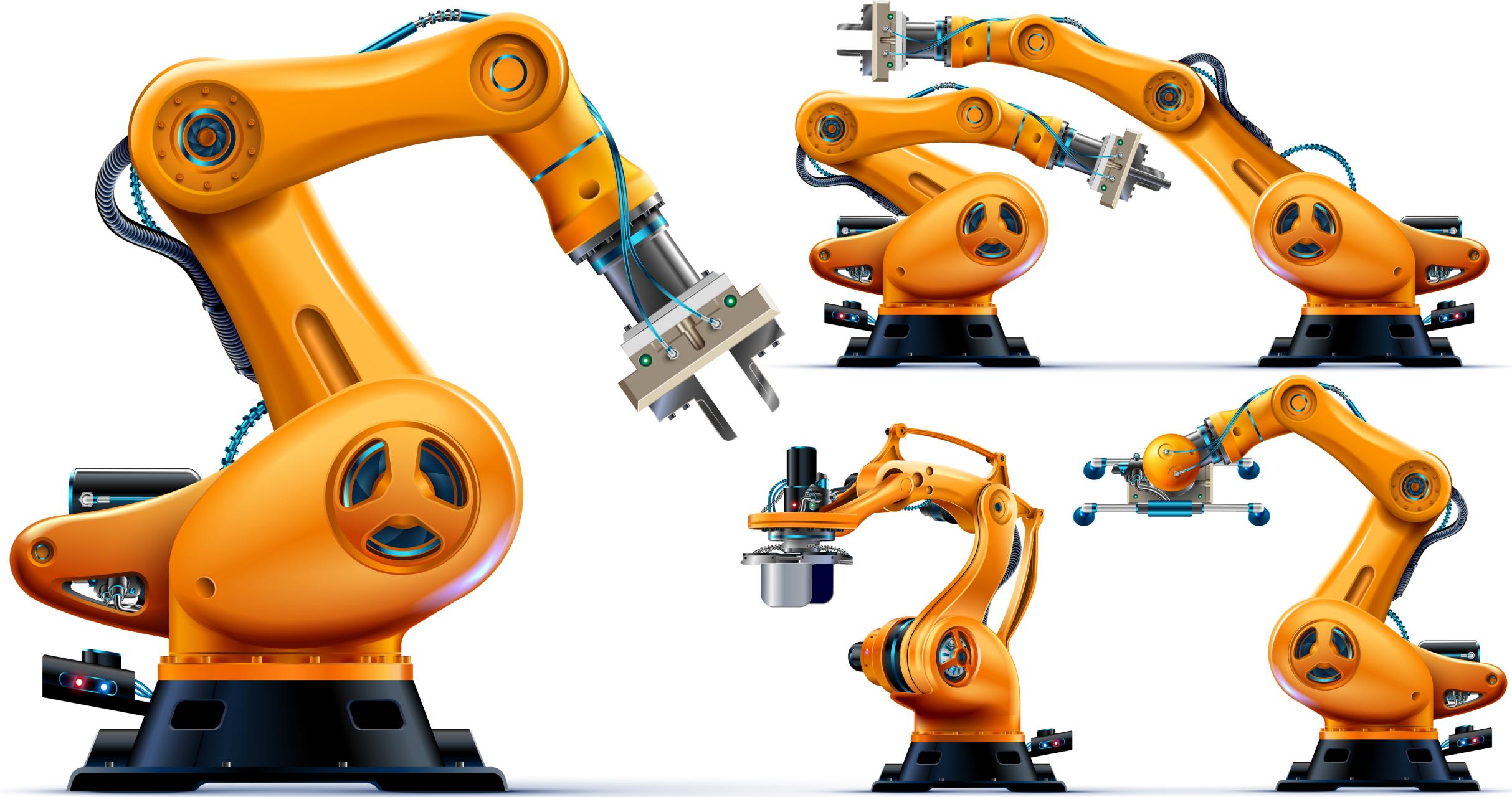
- * Press any key to destroy your unsaved work.
- * Press R0FL+0MG+LOL to do absolutely nothing. You will be able to return to the first step.

Press any key or any other key -

Legacy Test Automation Execution Sample (100)

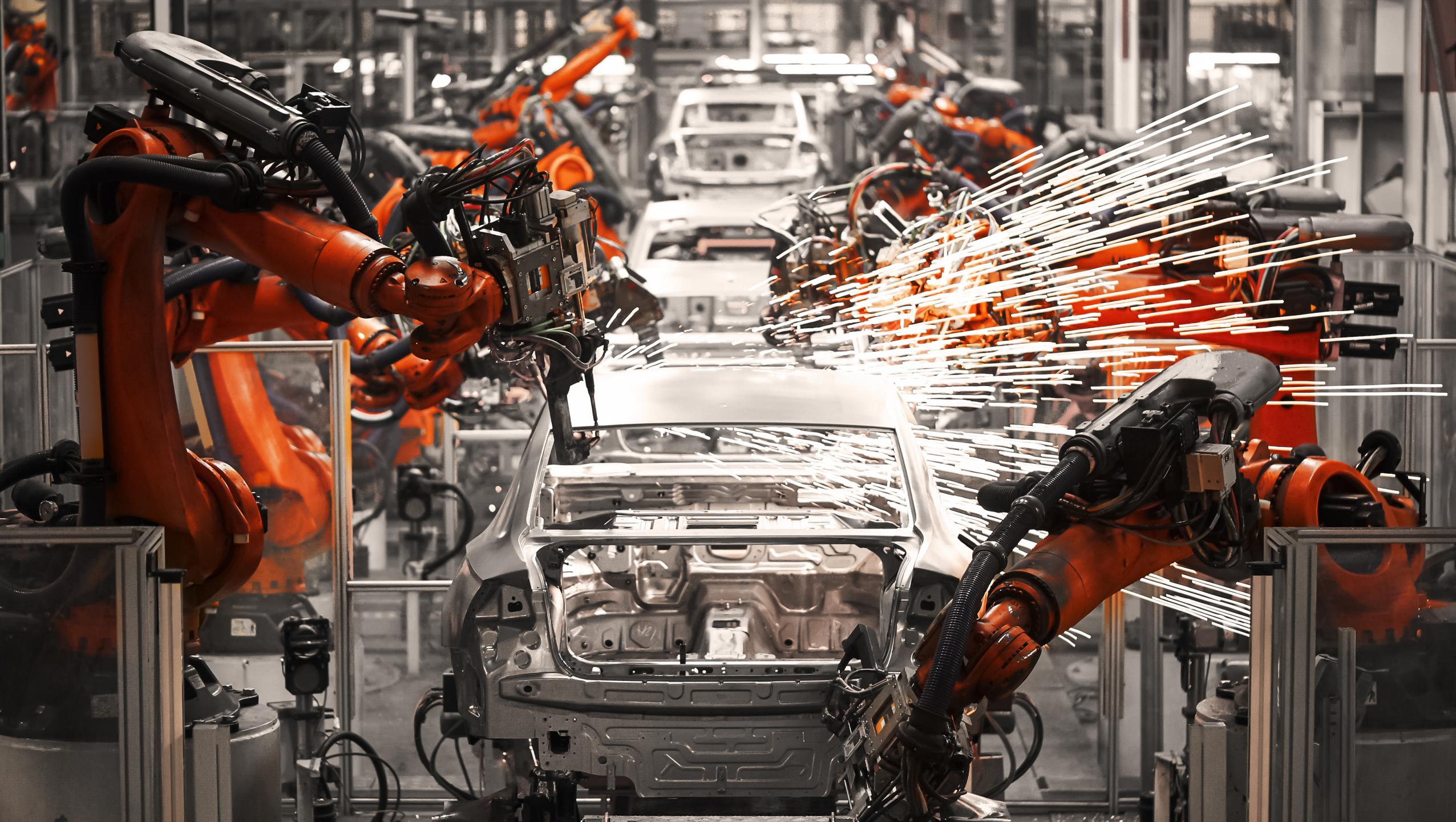








Visibility.

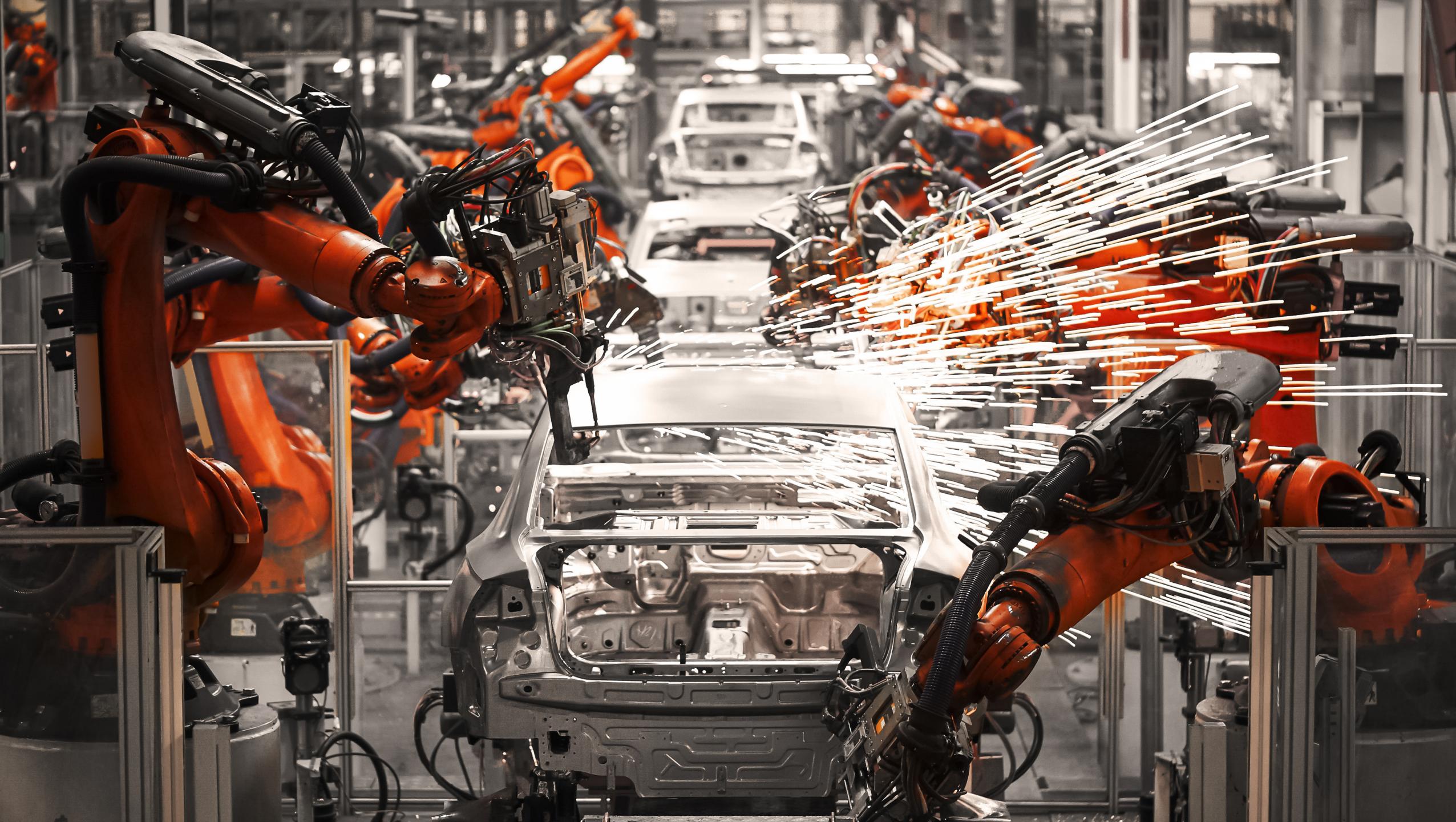








Speed.



Dab Lebkanc

1:16 PM



Hey, random question. How many pacificas are built in a day on the line? I'm using that stat in a test automation talk i'm giving next week in knoxville lol

D

If we run nonstop we can do close to 450/shift so almost 900/days production

900 pacificas A DAY?

(24hrs)

D

Yes

jesus.

I was researching how fast super cars are made...

there are 70 bugatti chirons made in a year :S

Now · Read

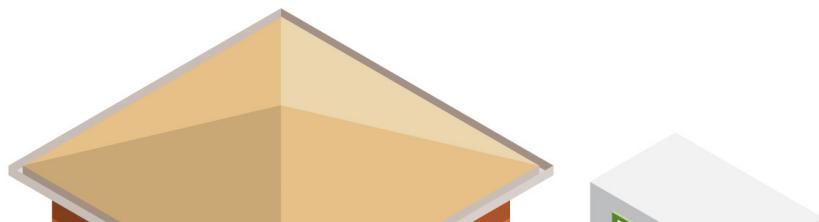
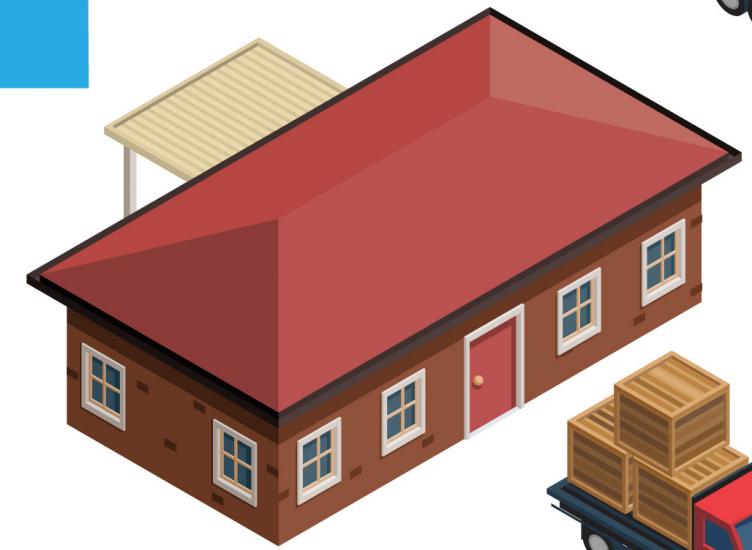
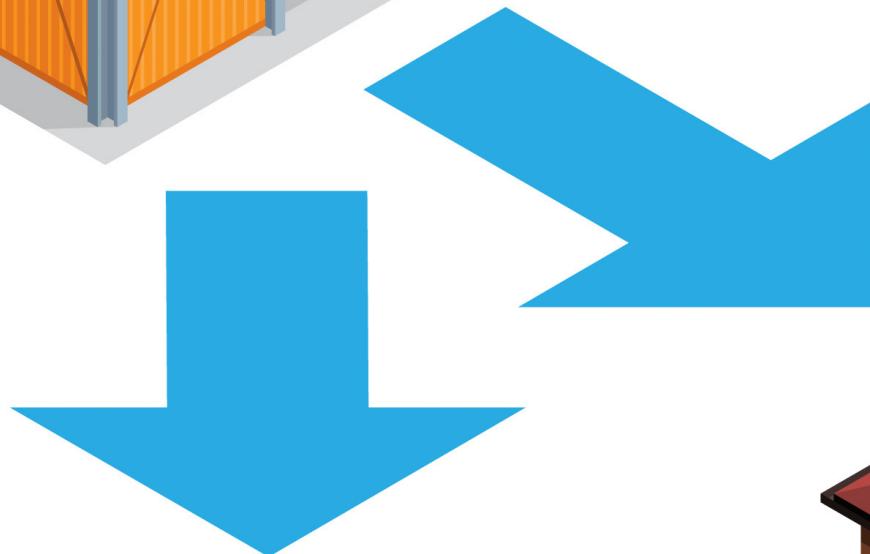
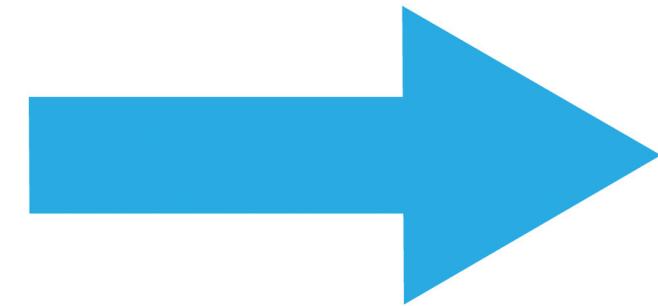
D ...

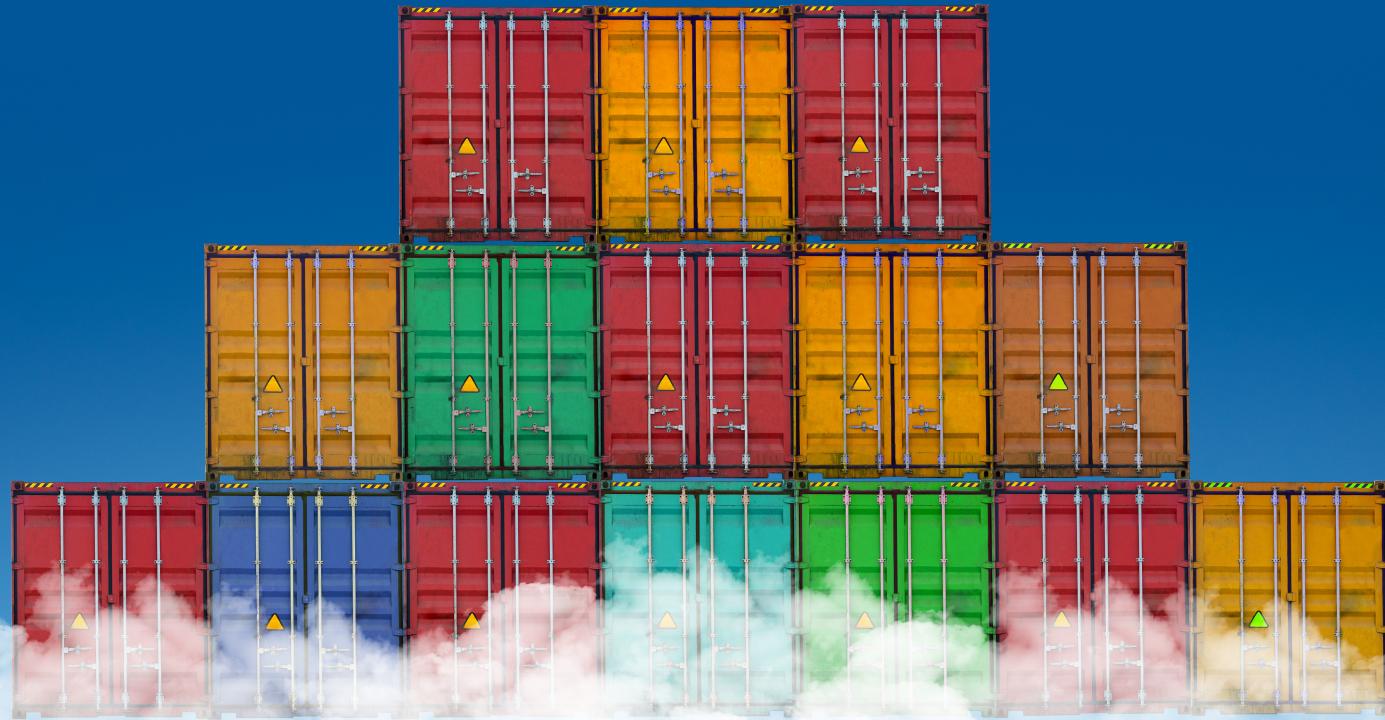
A green sea turtle is swimming gracefully in the clear, turquoise-blue ocean. The turtle's head is above the surface, its patterned eye and mouth clearly visible. Its brownish-orange shell and flippers are partially submerged. The background shows the gentle ripples of the water's surface.

29 Min.

A close-up photograph of a large tortoise, likely a Galapagos giant, walking across a field of green grass. The tortoise's head is slightly raised, and its front legs are visible as it moves forward. The shell is a mottled grey and brown.

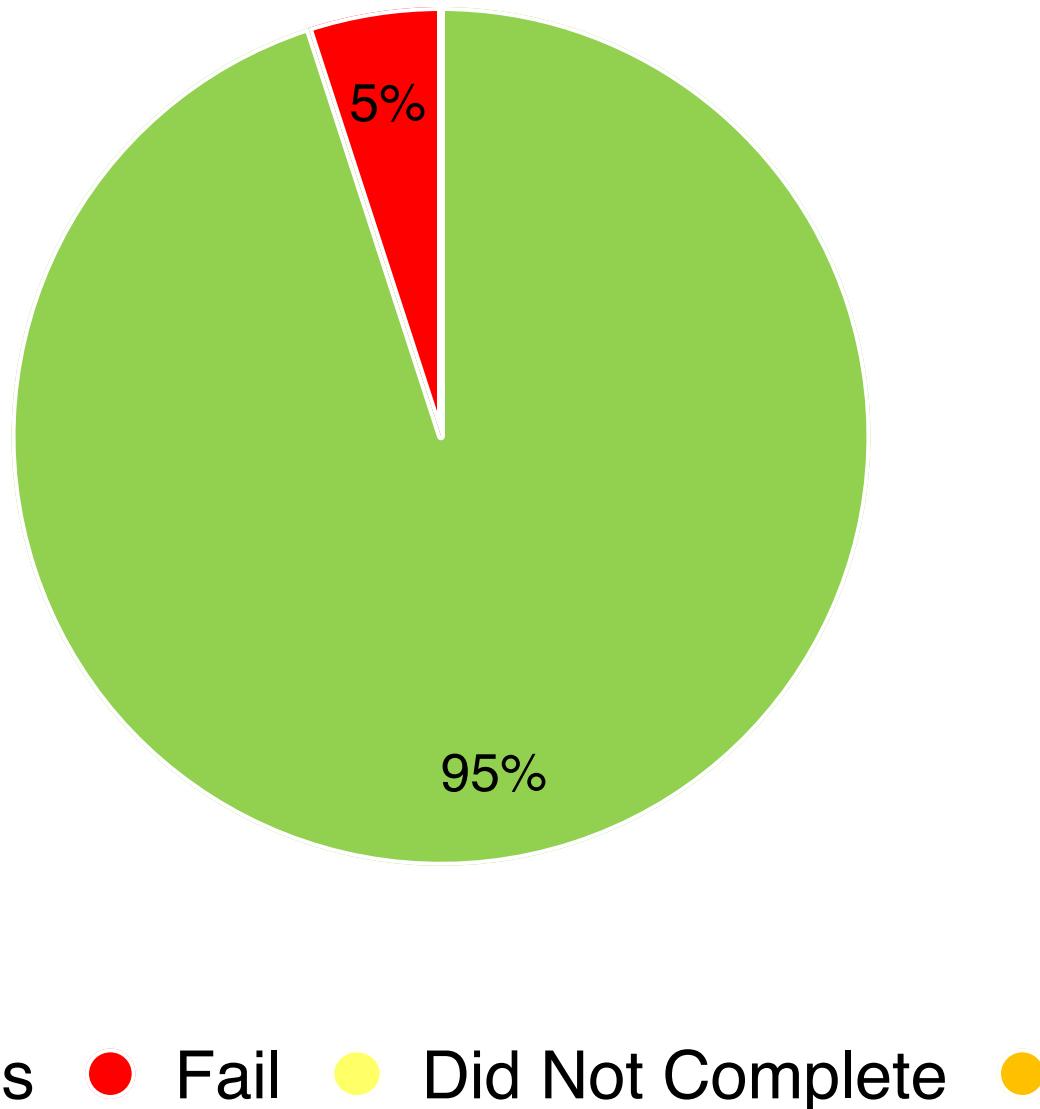
47 Min.





What Is Now.

Recent Test Automation Execution Sample (100)



Quality Reports

The image displays a sequence of seven mobile application screens, each showing a different configuration for running quality reports. The screens are arranged horizontally, with a red rectangular border highlighting the first four screens.

Screen 1: Choose an Environment
○ Beta
○ Prod
○ Prod-experimental
○ Beta-
Message: You've got to pick one.

Screen 2: Choose an Environment
○ Beta
○ Prod-experimental
○ Beta-experimental
Message: You've got to pick one.

Screen 3: Choose an Environment
○ Test
○ Beta
Message: You've got to pick one.

Screen 4: Choose an Environment
○ Test
○ Beta
○ Prod
Message: You've got to pick one.

Screen 5: Choose an Environment
○ Test
○ Beta
○ Prod

Screen 6: Choose an Environment
○ Test
○ Beta
○ Prod

Screen 7: Choose an Environment
○ Test
○ Beta
○ Prod

Buttons: Each screen features a large central button labeled "Run Tests". In the first four screens, the "Run Tests" button is enclosed in a white rounded rectangle. In the last three screens, the "Run Tests" button is enclosed in a gray rounded rectangle.

Oct 04 2022, 21:35:09	4m 55s	12 / 12	0
542	487	2	53

Spec Files

Status	Machine #	Group	Spec Name	Duration	Tests stats	Actions
Passed	3103	[REDACTED]	[REDACTED]	3m 26s	57	0 0 0 0 0
Passed	7820	[REDACTED]	[REDACTED]	3m 40s	59	0 0 0 0 0
Passed	2793	[REDACTED]	[REDACTED]	2m 36s	20	0 0 0 0 0
Failed	131	[REDACTED]	[REDACTED]	2m 2s	3 1 16	↻
Passed	6171	[REDACTED]	[REDACTED]	3m 52s	59	0 0 0 0 0
Passed	9716	[REDACTED]	[REDACTED]	3m 46s	58	0 0 0 0 0
Passed	865	[REDACTED]	[REDACTED]	4m 9s	59	0 0 0 0 0
Passed	8137	[REDACTED]	[REDACTED]	3m 48s	55	0 0 0 0 0
Failed	5782	[REDACTED]	[REDACTED]	2m 5s	3 1 37	↻
Passed	424	[REDACTED]	[REDACTED]	3m 32s	41	0 0 0 0 0
Passed	2573	[REDACTED]	[REDACTED]	3m 38s	35	0 0 0 0 0
Passed	2109	[REDACTED]	[REDACTED]	3m 36s	38	0 0 0 0 0

Home

happy path

Tests

Recorded video

Happy Path Next Gen

Failed test 3 Attempts



Happy Path Next Gen

5m 27s

Test result

AssertionError: Timed out retrying after 60000ms: Expected to find element never found it.

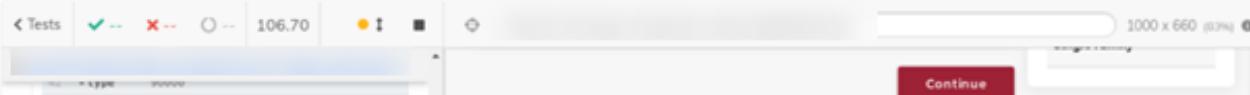
:visible:not([disabled])` , but

Attempt 1 of 3

AssertionError

Timed out retrying after 60000ms: Expected to find element: '[data-id="productContainer_A30"]', but never found it.

Stack trace



A screenshot of a Continuous Integration (CI) build status page. The top navigation bar includes a menu icon, a home icon, and the word "Home". Below the navigation is a large red banner displaying the build duration: **7m 26s**. To the left of the duration are three small circular icons with timestamps: Oct 06 2022, 16:03:51; 7m 26s; and 12 / 12. To the right of the duration are two buttons: "Hide Successful Specs" and "Auto Refresh". Below the duration, there are five colored circles representing test results: blue (542), green (542), grey (0), black (0), and white (0). At the bottom left, there is a link labeled "Open File".



Getting Started

Ctrl

alt

DEMO

- 1. Find Test Automation Champions**
- 2. <http://www.cypress.io>**
- 3. <http://www.sorry-cypress.dev>**
- 4. Run In Parallel!**
- 5. Write Some Tests And Show Them Off!**

Trust = *Reliability + Visibility + Speed*

@mkonkolowicz

<https://www.mkonk.com>