LEAPWORK

ada co-creating business software

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co-creating
business
software

Low / No code Testen

outsystems

Lean Coffee

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Presentatie door: Bert Leibbrand

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Agenda

- 18.30 Opening
- 18.35 Presentatie Automatisch testen/OutSystem
- 19.35 Lean Coffee, the “Automatisch testen en aanverwante zaken” gefaciliteerd
- 20.15 Presenteren van take-aways van de Lean Coffees
- 20.30 Afsluiting

- 3 september– Vervolg Lean Coffee

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Even voorstellen

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Technisch projectmanager
Associate Web Developer (OutSystems)
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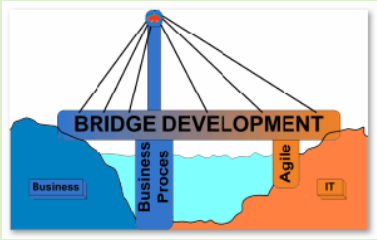

CERTIFICATION
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PROFESSIONAL

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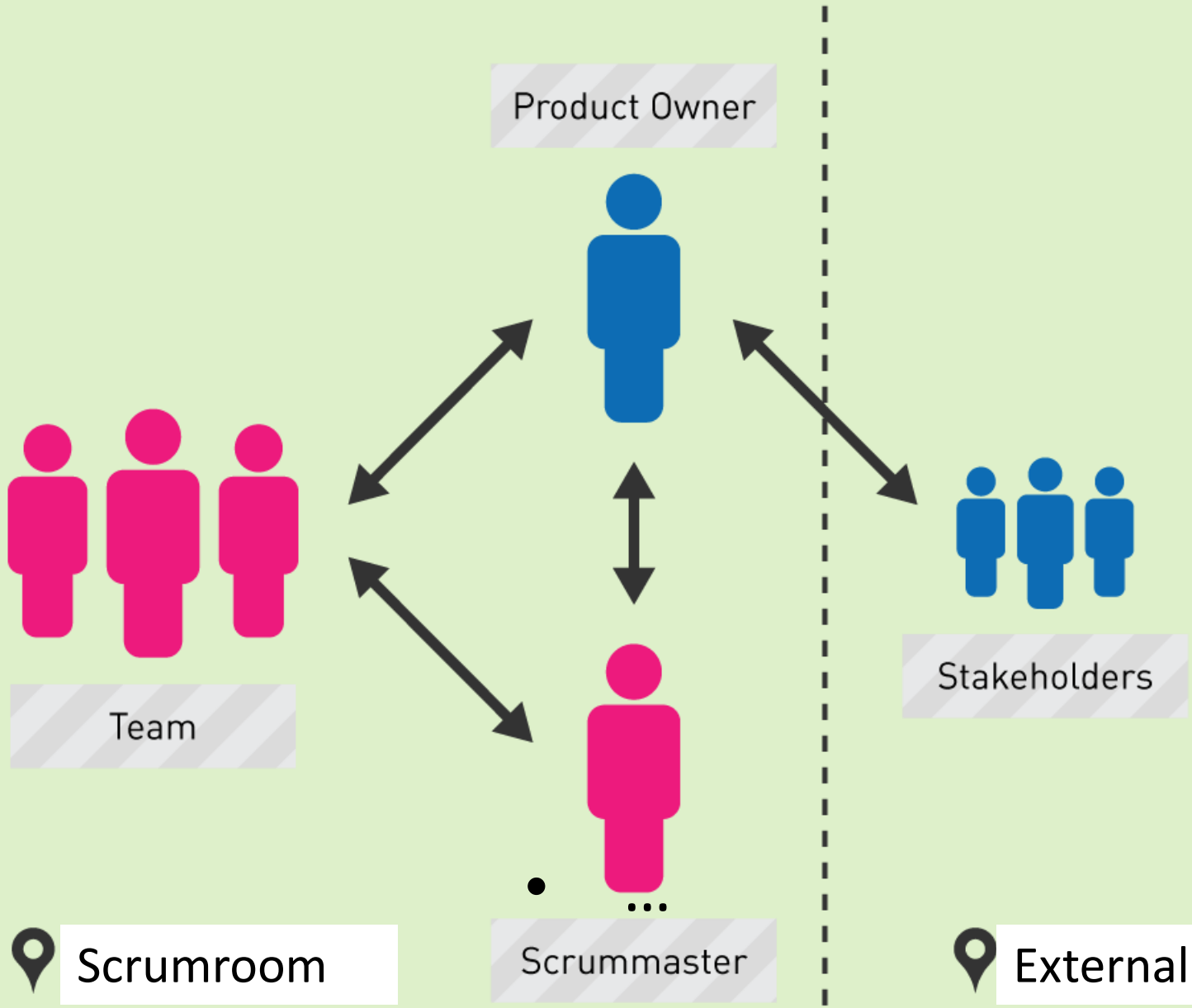

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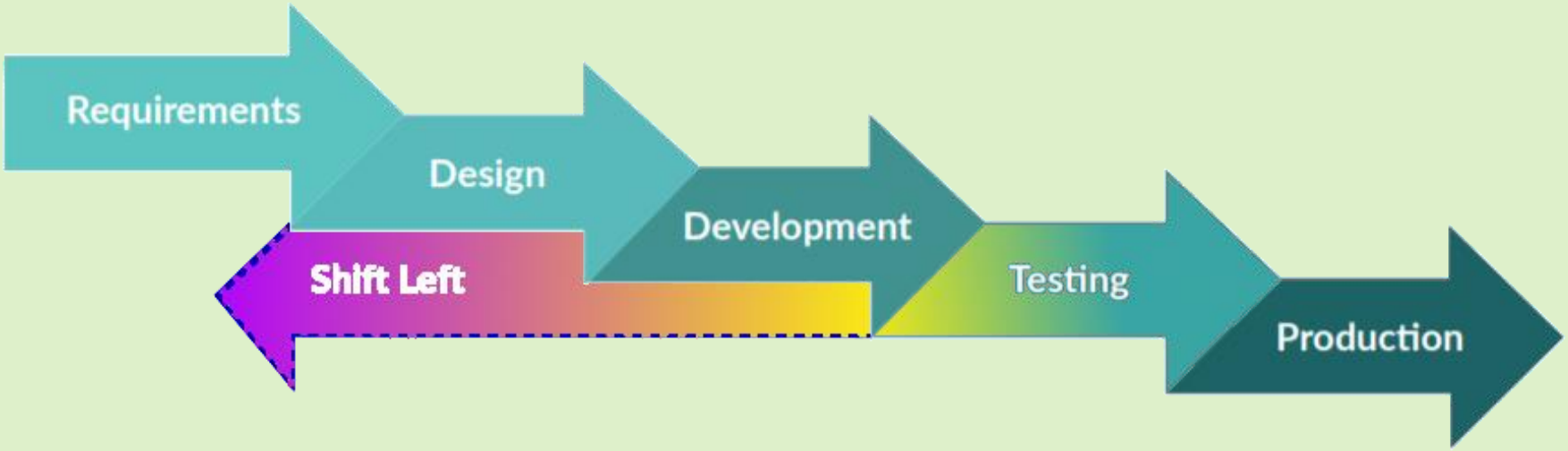
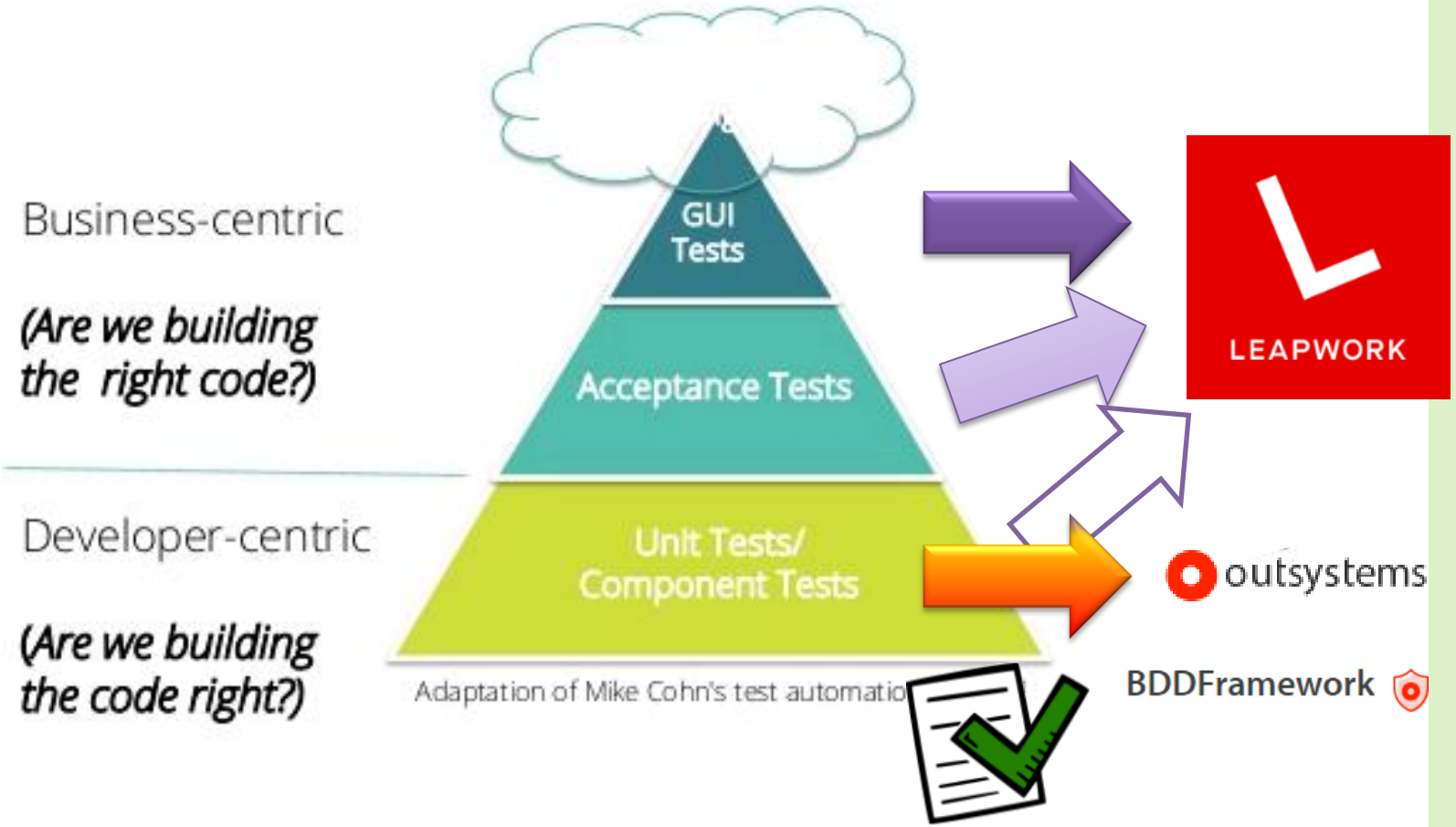
Shift Left



Test Automation Pyramid



There is a skills gap

The users understand business processes

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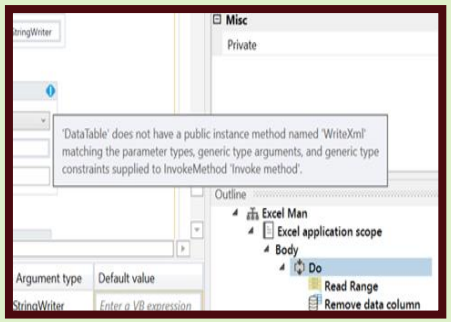
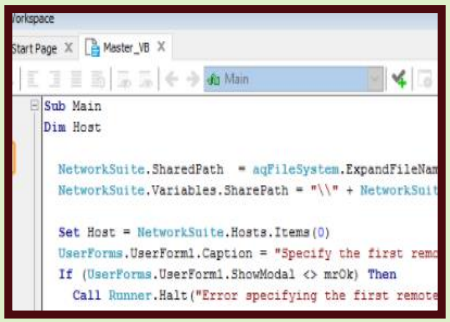
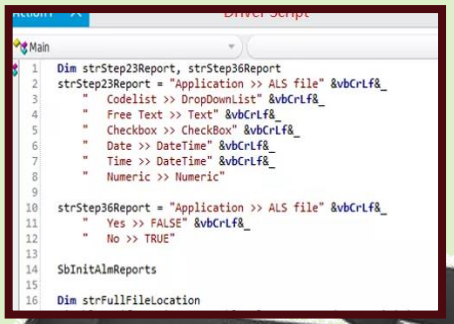
But existing testing tools

are tech-heavy, complicated and code-based







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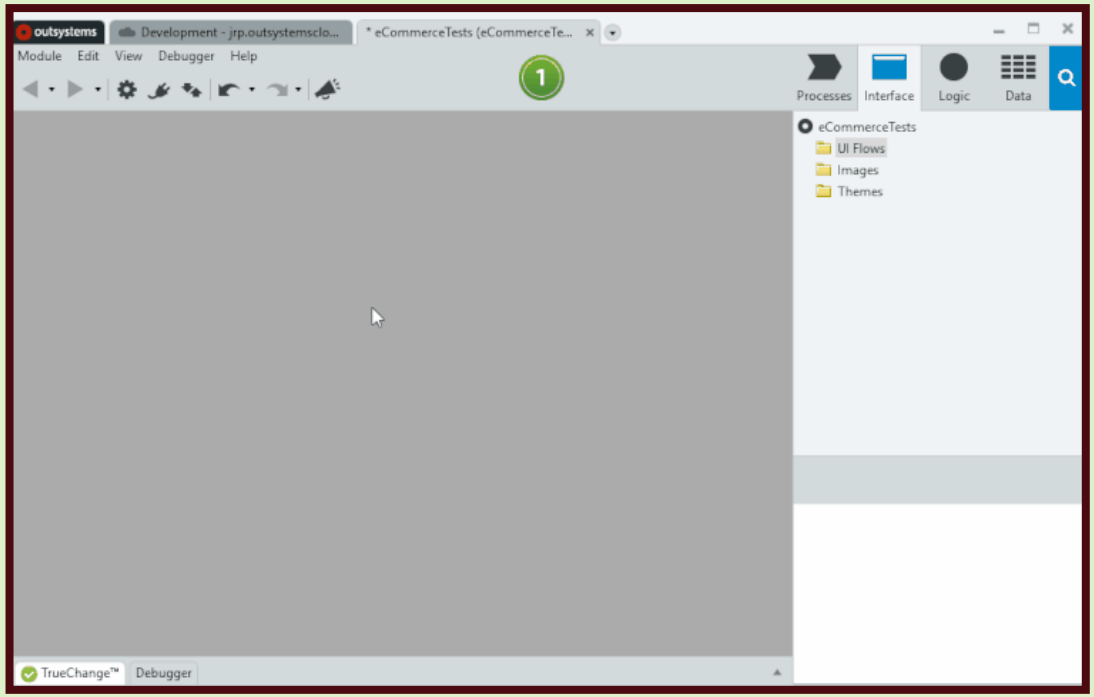
BDD Framework



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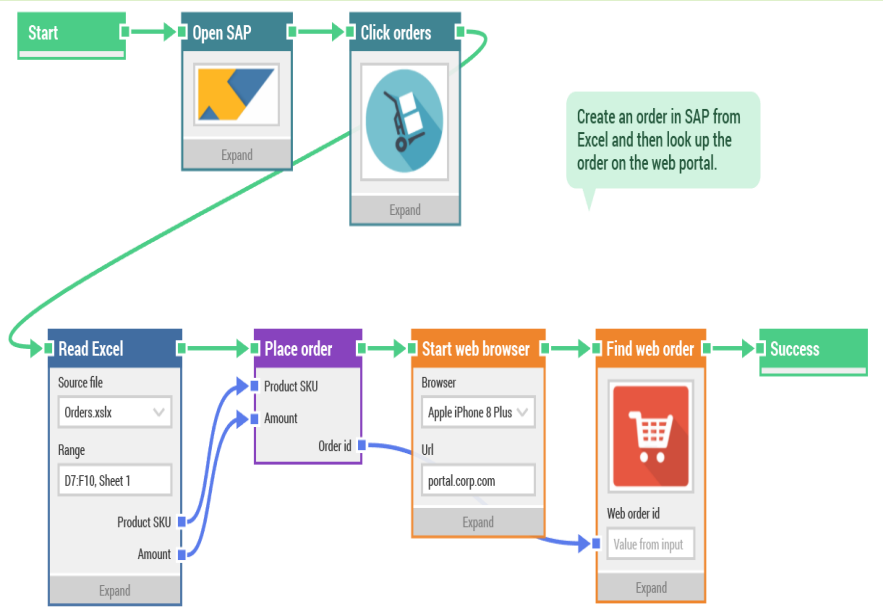
LEAPWORK is a visual platform



Non-technical users can create, maintain and *own* their automation

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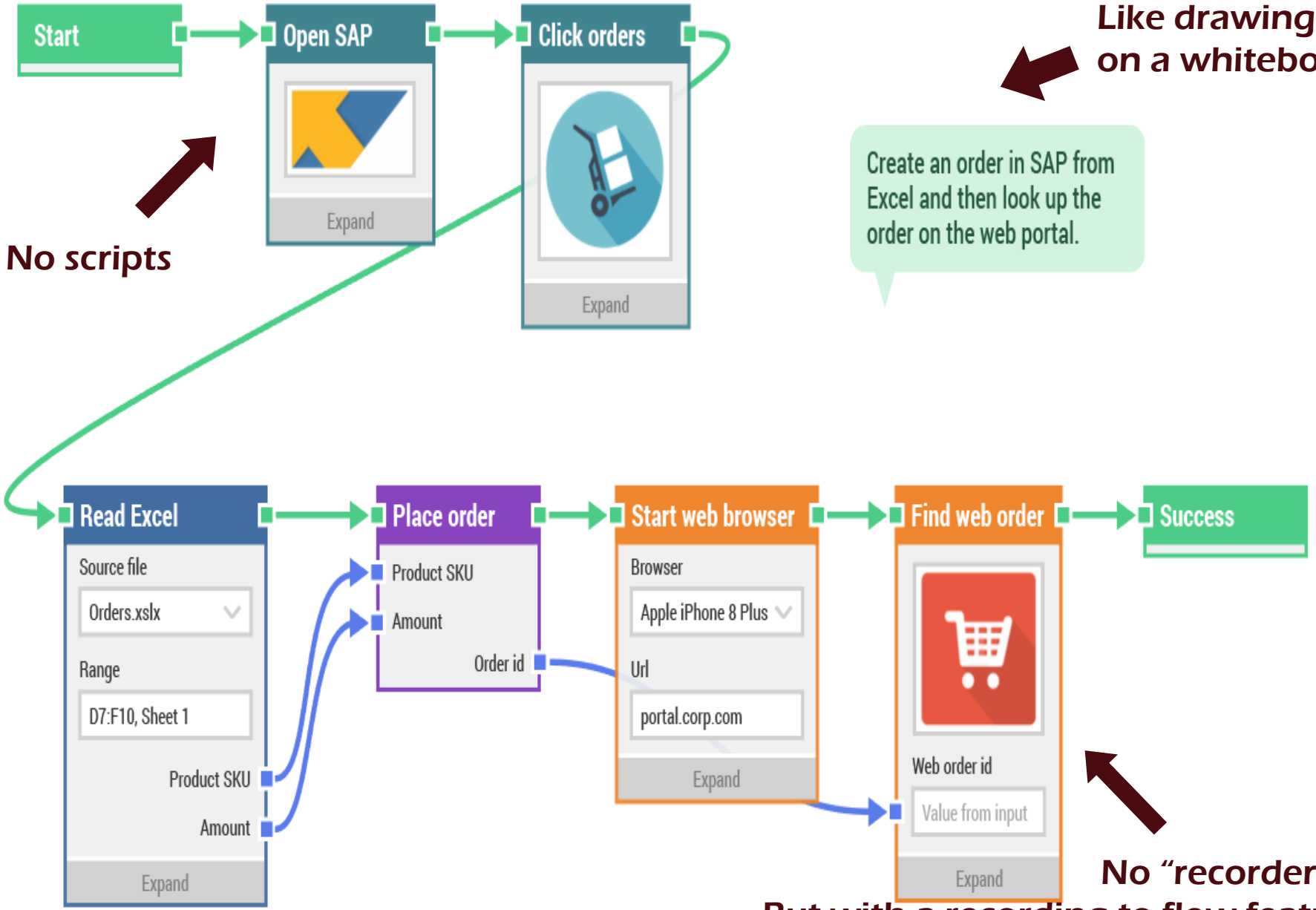

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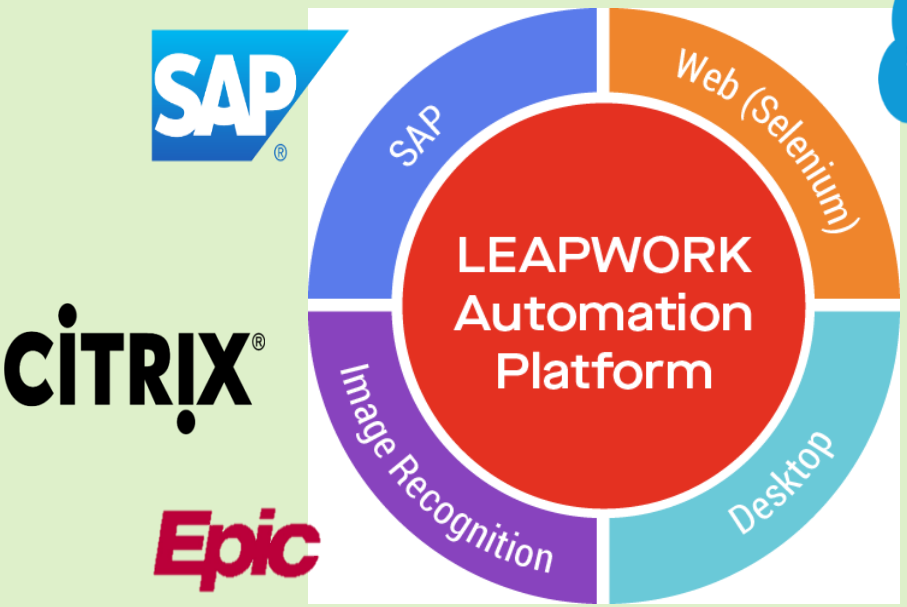

IBM Watson

Power BI

SAP

salesforce

servicenow

CITRIX

Microsoft

Epic

vmware

IBM

ORACLE

..and everything else

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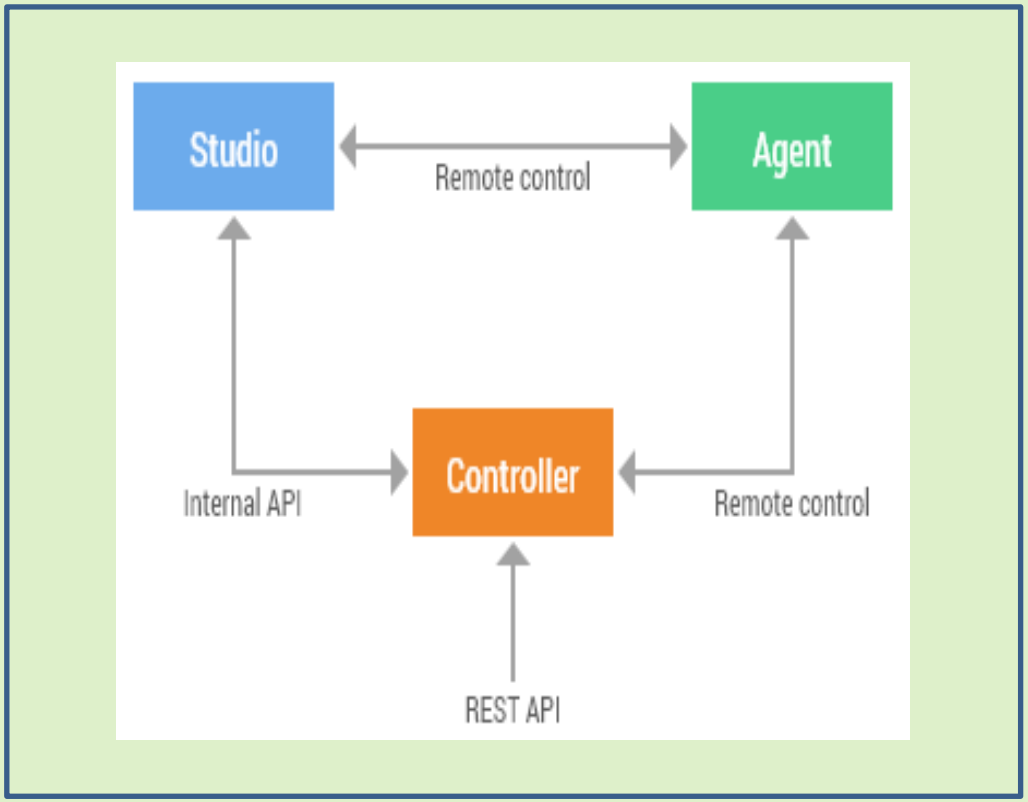
Architecture



Leapwork Automation Platform

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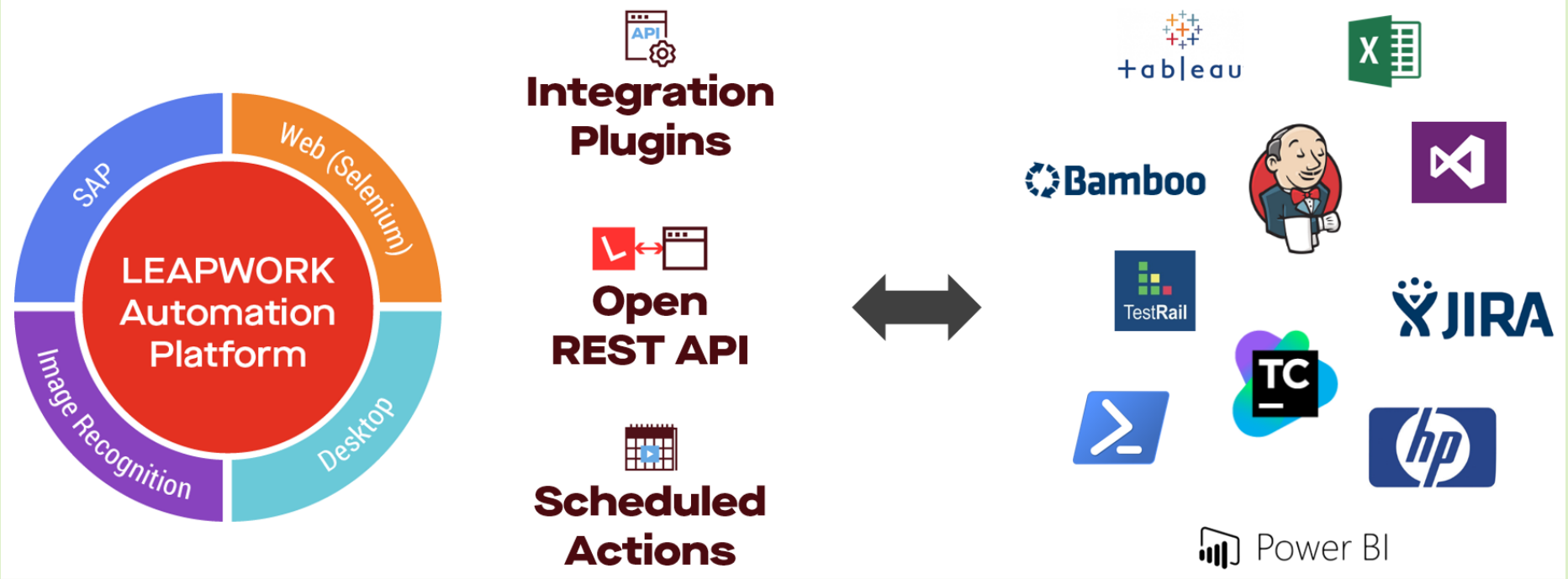
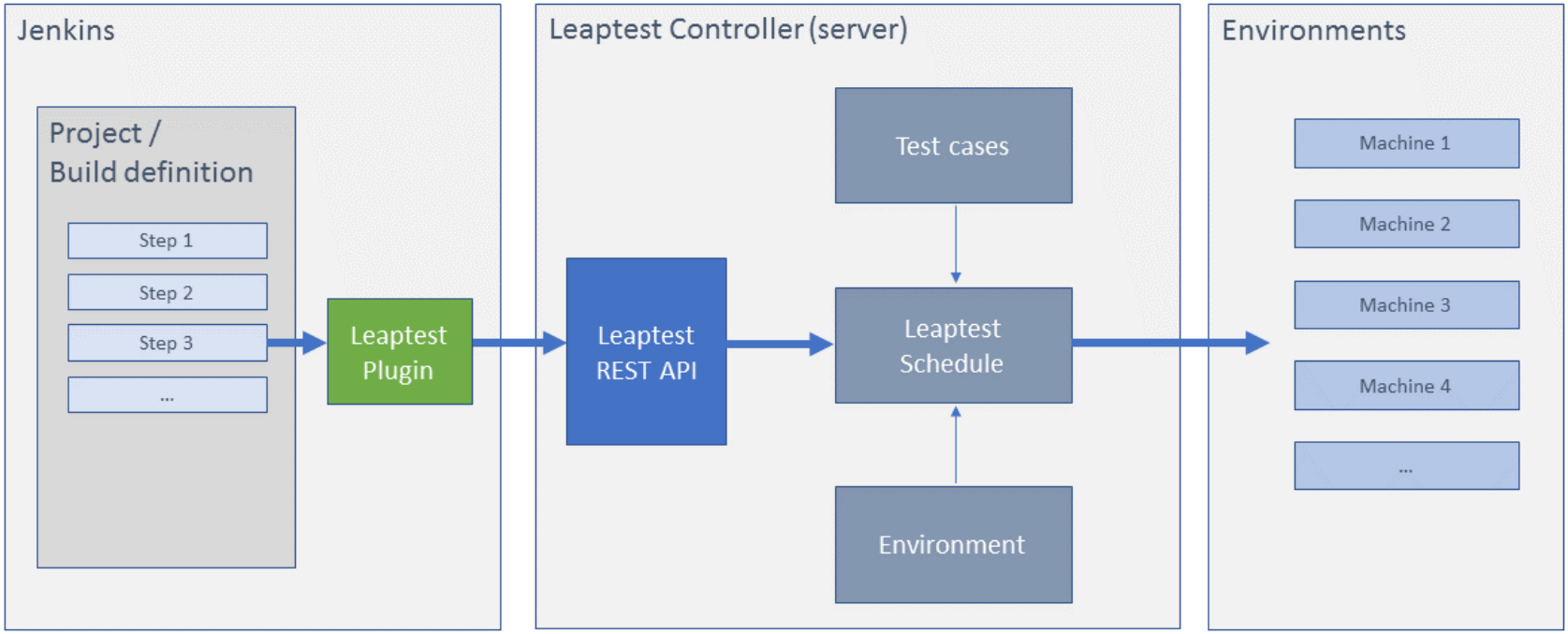
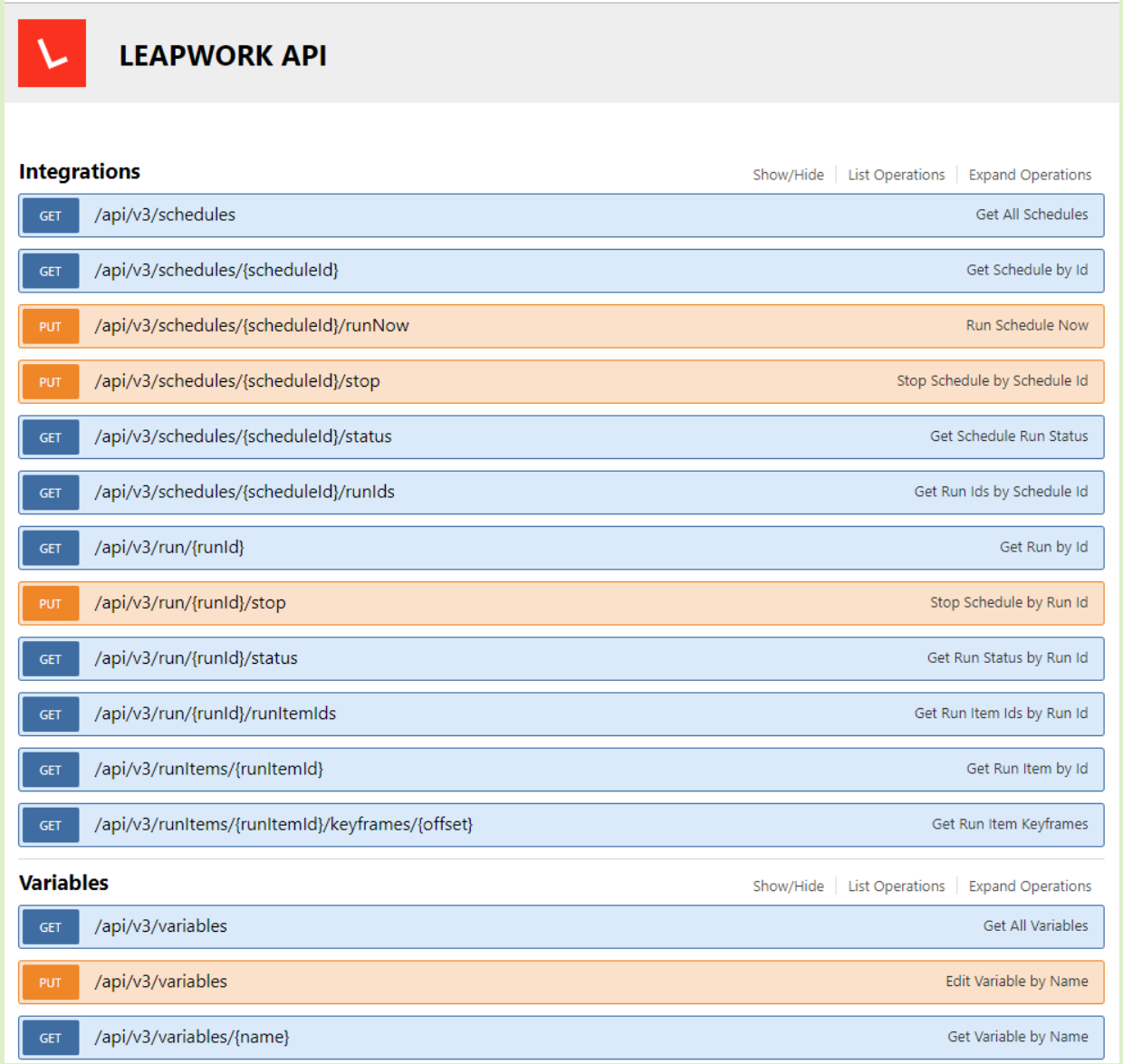
Public REST API



Public REST API



Public REST API



LEAPWORK API

Integrations — Show/Hide | List Operations | Expand Operations

GET	/api/v3/schedules	Get All Schedules
GET	/api/v3/schedules/{scheduleId}	Get Schedule by Id
PUT	/api/v3/schedules/{scheduleId}/runNow	Run Schedule Now
PUT	/api/v3/schedules/{scheduleId}/stop	Stop Schedule by Schedule Id
GET	/api/v3/schedules/{scheduleId}/status	Get Schedule Run Status
GET	/api/v3/schedules/{scheduleId}/runIds	Get Run Ids by Schedule Id
GET	/api/v3/run/{runId}	Get Run by Id
PUT	/api/v3/run/{runId}/stop	Stop Schedule by Run Id
GET	/api/v3/run/{runId}/status	Get Run Status by Run Id
GET	/api/v3/run/{runId}/runItemIds	Get Run Item Ids by Run Id
GET	/api/v3/runItems/{runItemId}	Get Run Item by Id
GET	/api/v3/runItems/{runItemId}/keyframes/{offset}	Get Run Item Keyframes

Variables — Show/Hide | List Operations | Expand Operations

GET	/api/v3/variables	Get All Variables
PUT	/api/v3/variables	Edit Variable by Name
GET	/api/v3/variables/{name}	Get Variable by Name

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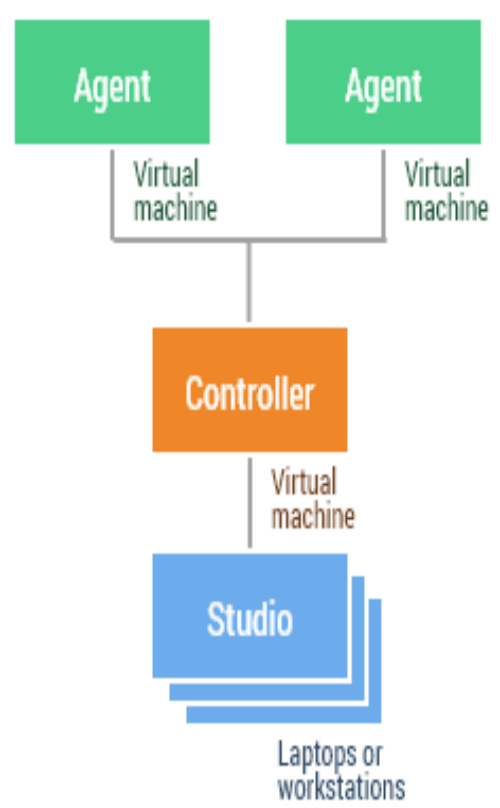
Supports distribution



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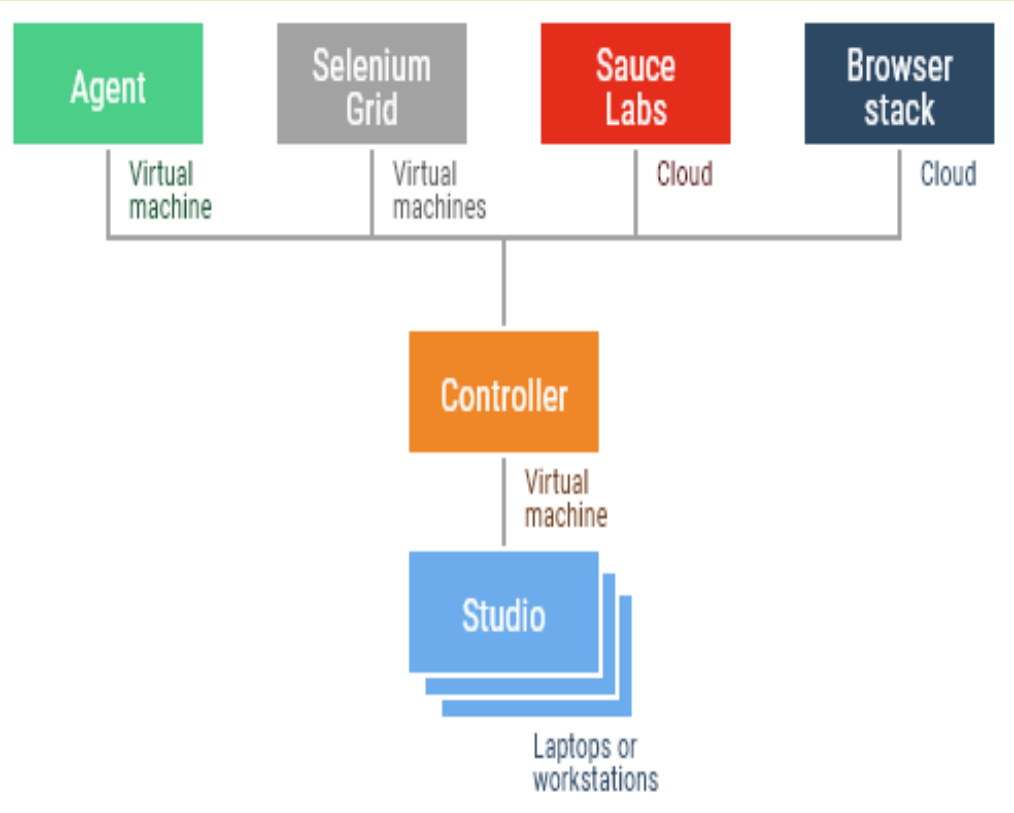
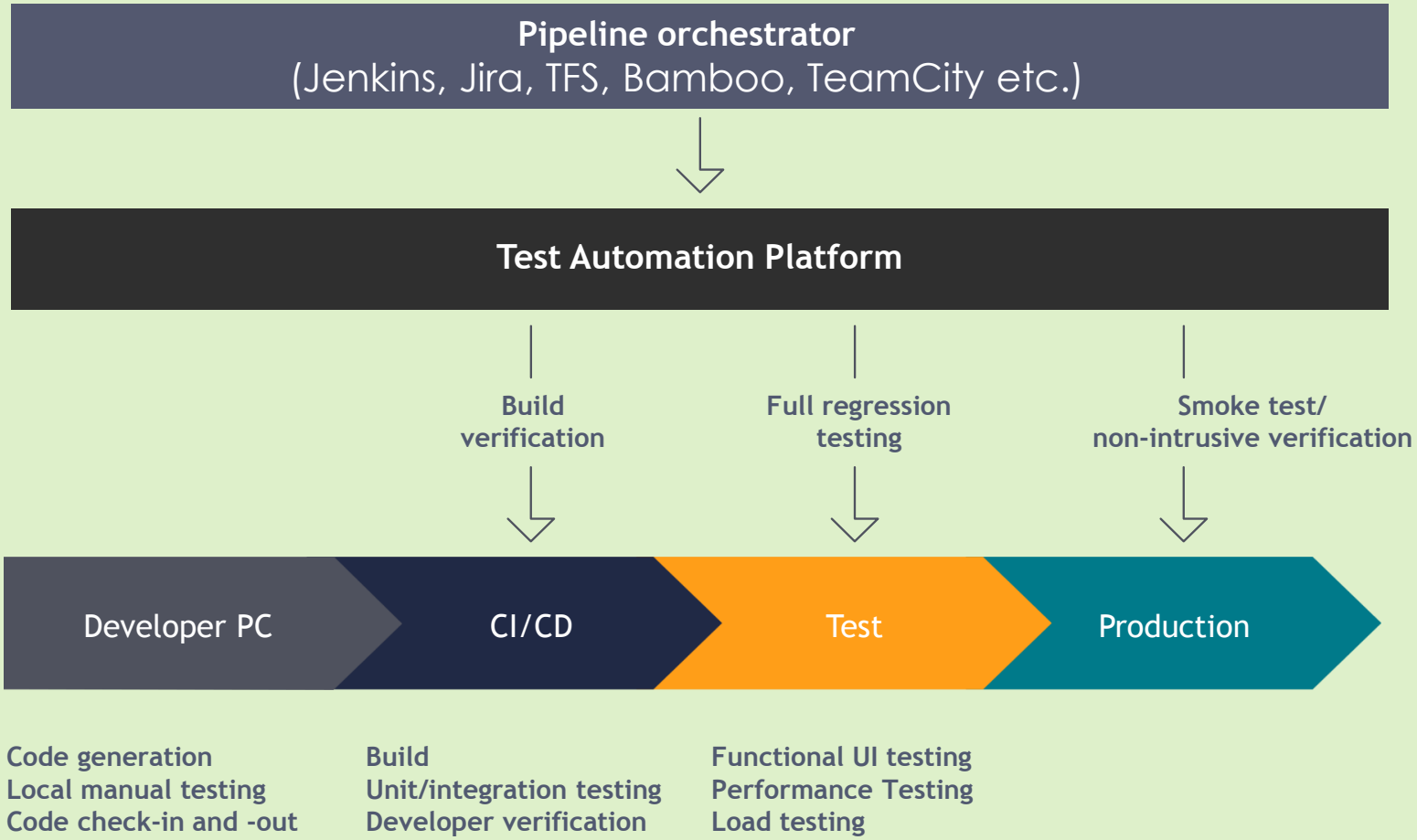
Supports distribution



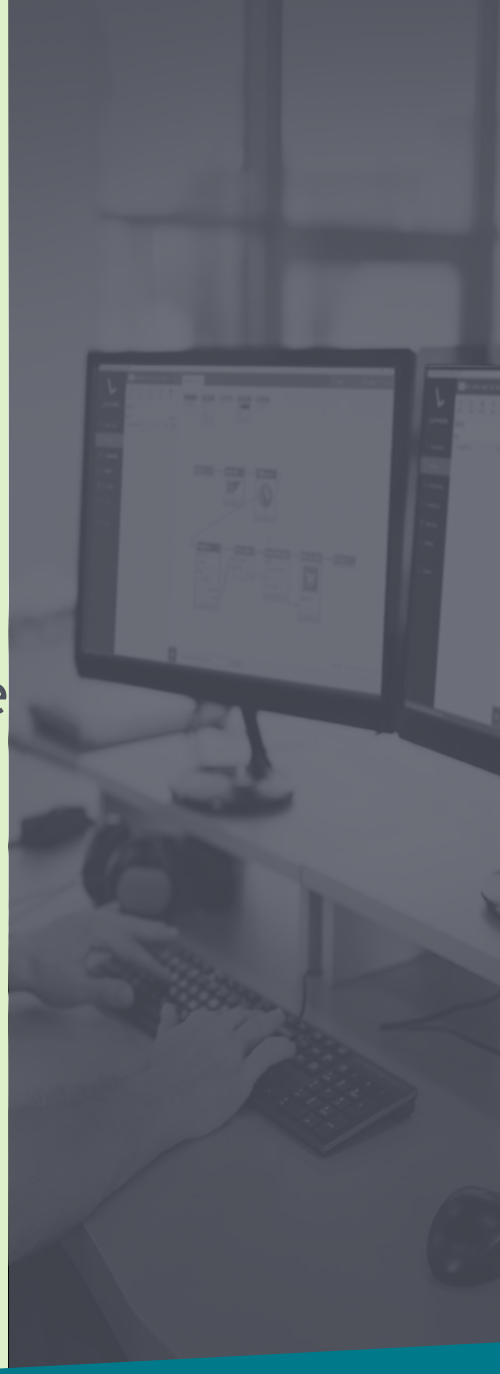
Succeding with DevOps requires swift feedback

Automate as much of your pipeline as possible



Test automation often creates new challenges

1. The tool of choice does not adapt to the pipeline
2. Automation does not scale
3. Testers unable to assume ownership of automation



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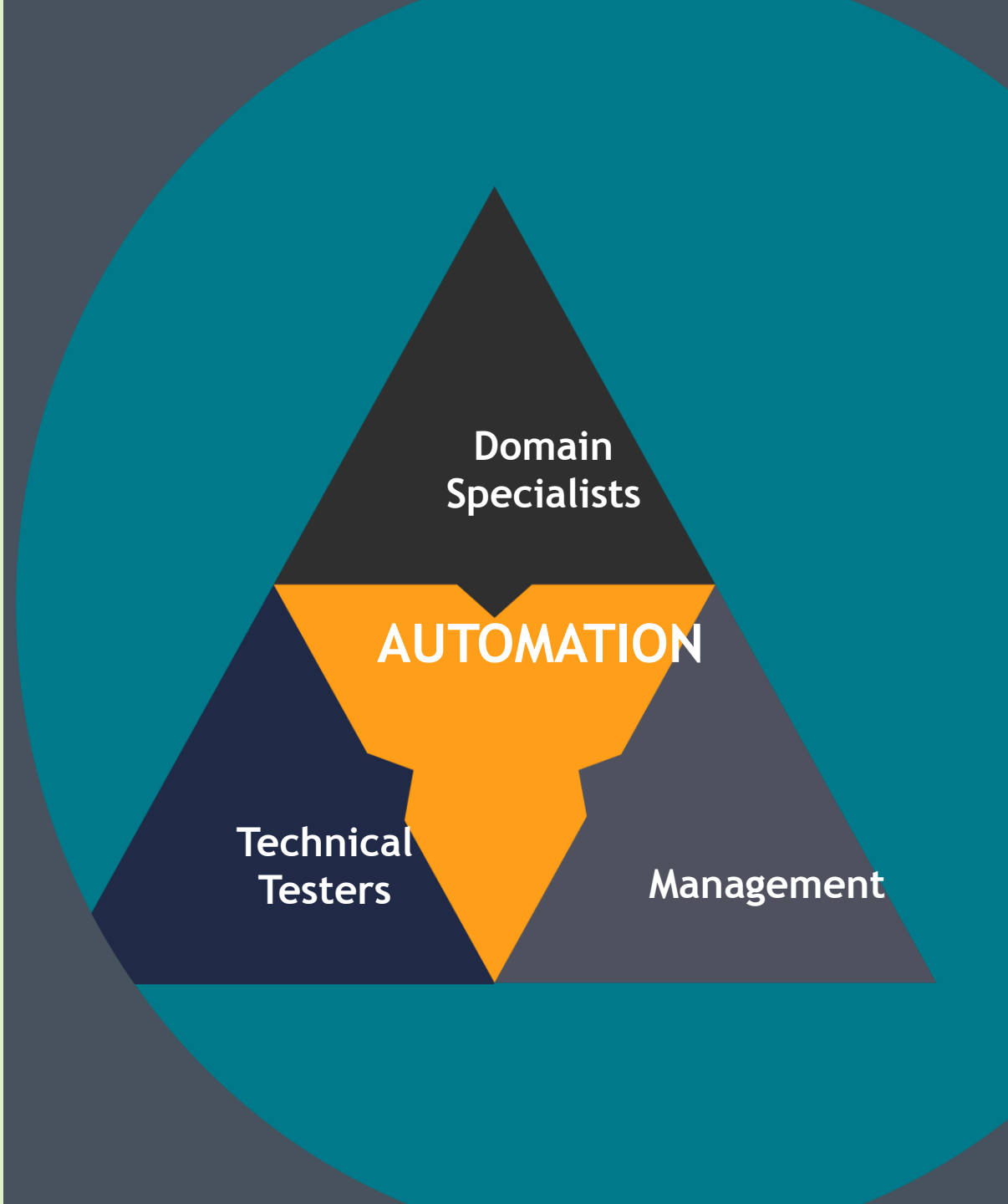
Problem #3: (Lack of) ownership



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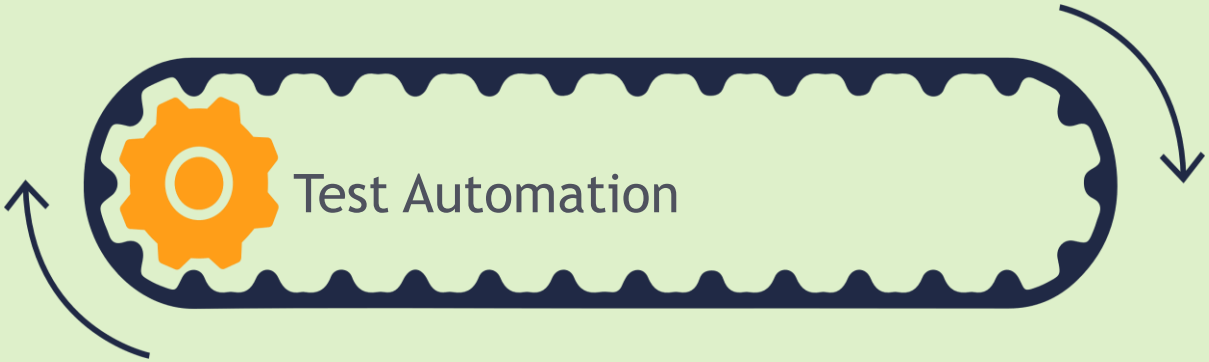
DevOps must provide the right tools for the teams

The Software Delivery Process

The DevOps Pipeline = outsystems



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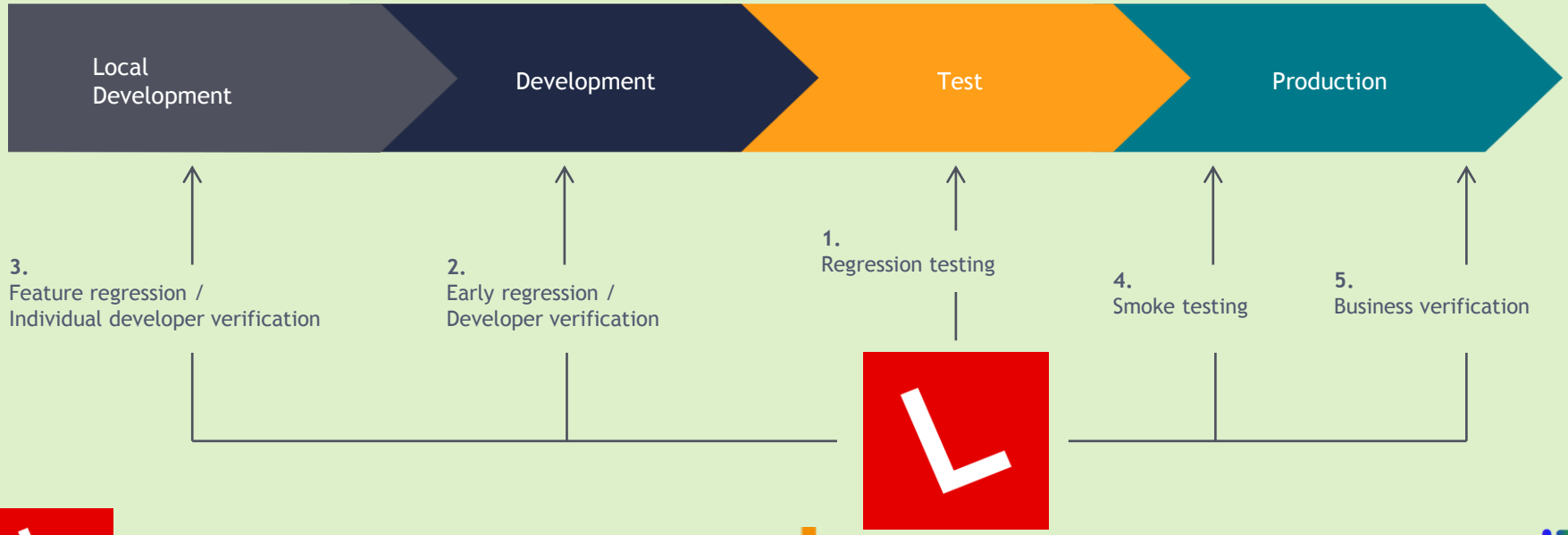
LEAPWORK is designed for DevOps-driven pipelines

- LEAPWORK supports your existing IT infrastructure and investments
- QA teams across IT and business can collaborate on automation
- Design locally, execute remotely
- Run automated flows when and whereever



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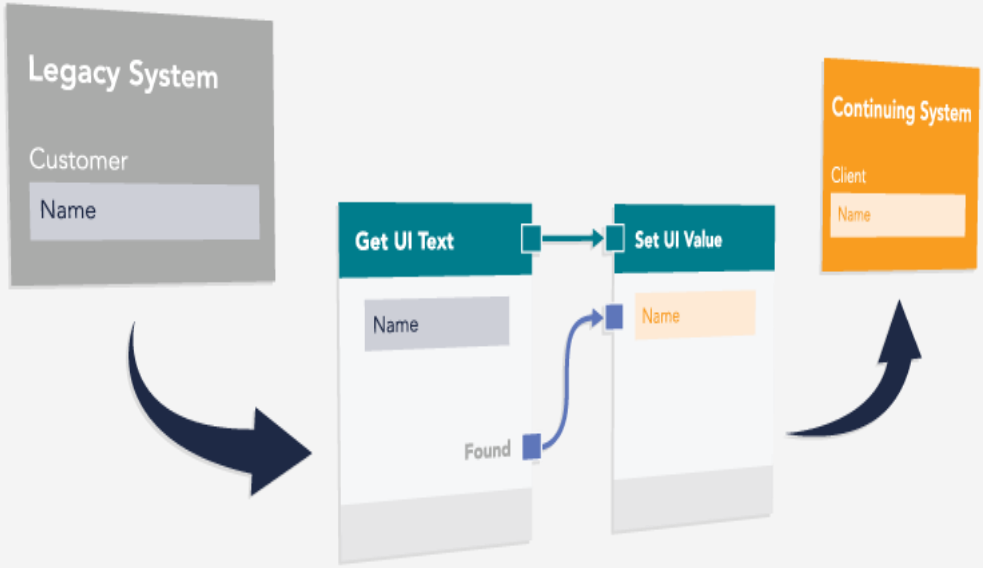
It does not end with automated testing …….



Automate other things
on your DevOps wishlist

- Baselining test environments.
- Masking production data.
- Monitoring production environments.
- And more...

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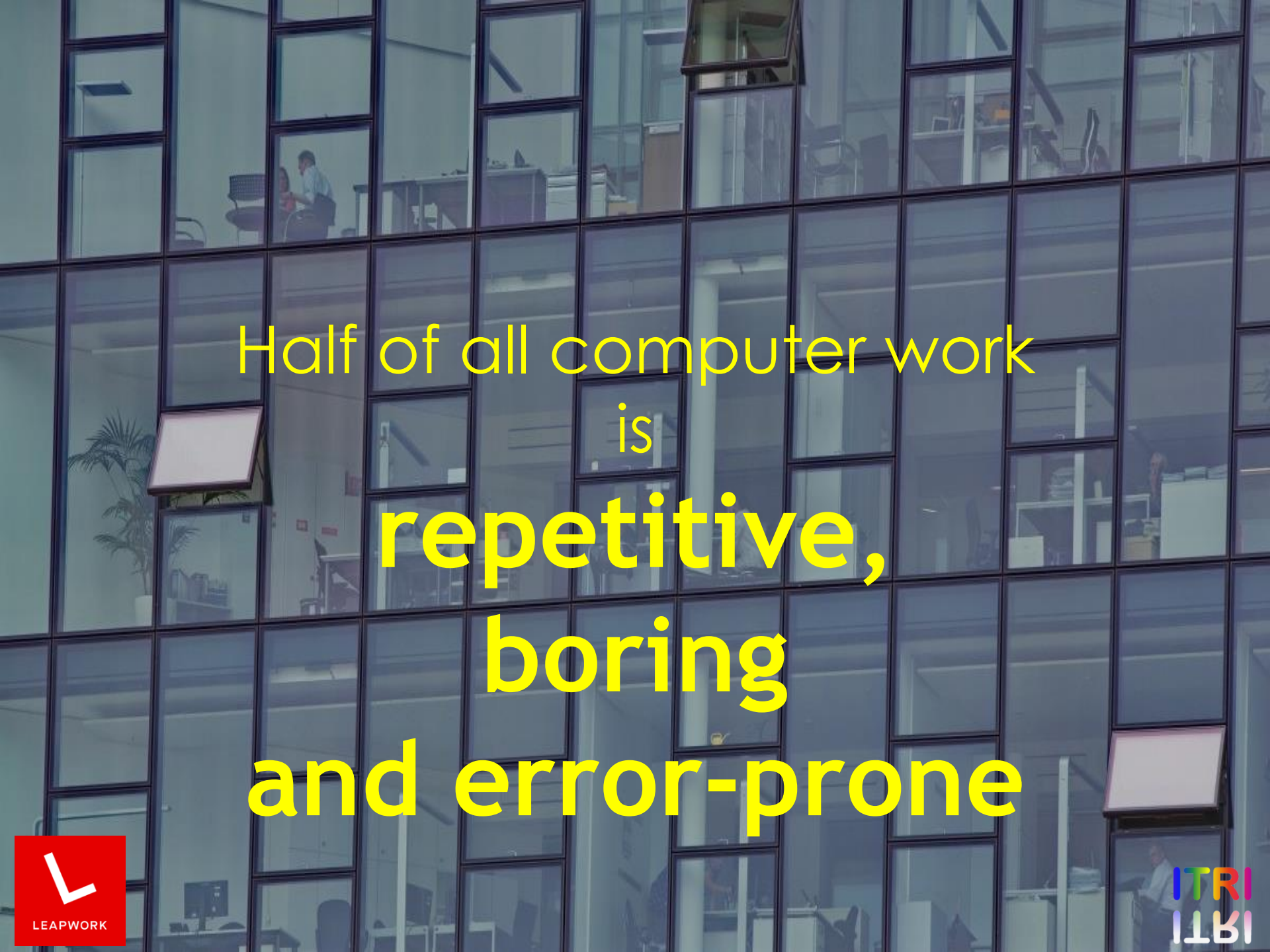
Half of all computer work
is
repetitive,
boring
and error-prone
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Companies invest in

software robots to

Increase execution

Lower cost

Reduce risk

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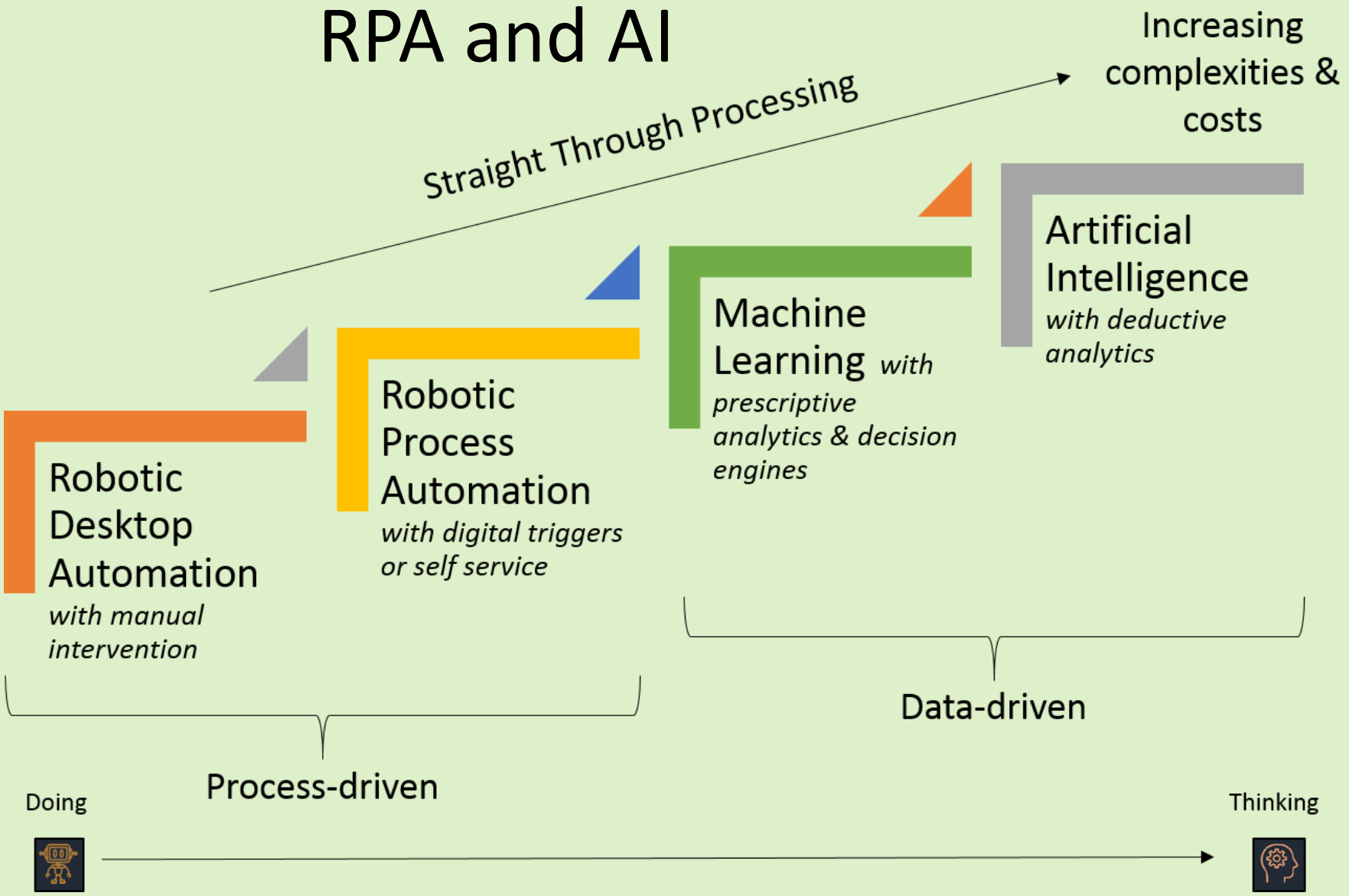
RPA and AI



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A few sweet spots for RPA

- Enter data into multiple systems.
- Retrieve data from one system and enter it into another.
- Reconcile data across two or more systems.
- Run system reports and act on the results in a structured way (perhaps adding a report total into a separate system, for example).
- High (similar) workloads

DEMO

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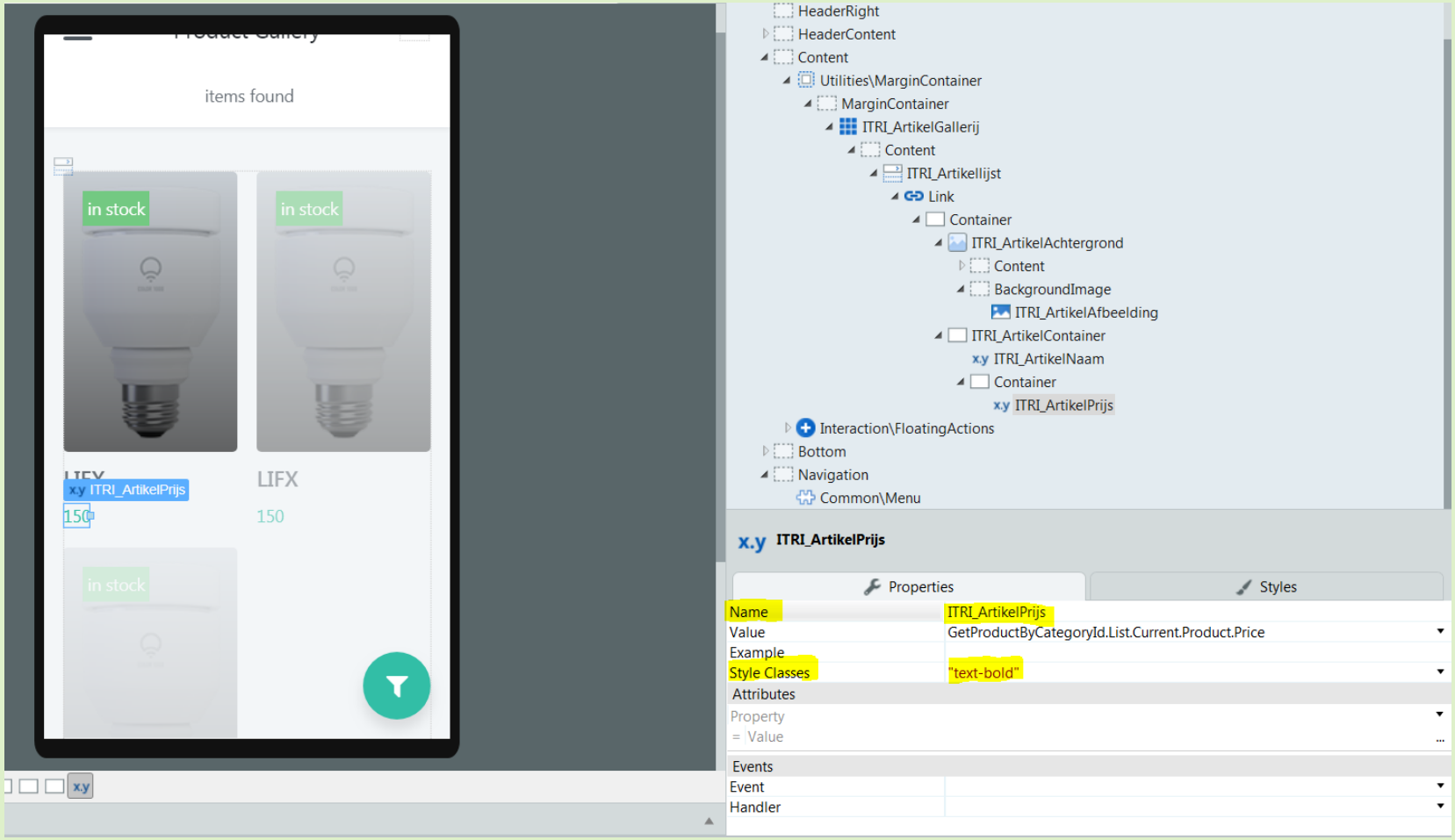
Help the tester (and yourself)



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The journey together
1
2
3
Begin
Expand
Scale
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software

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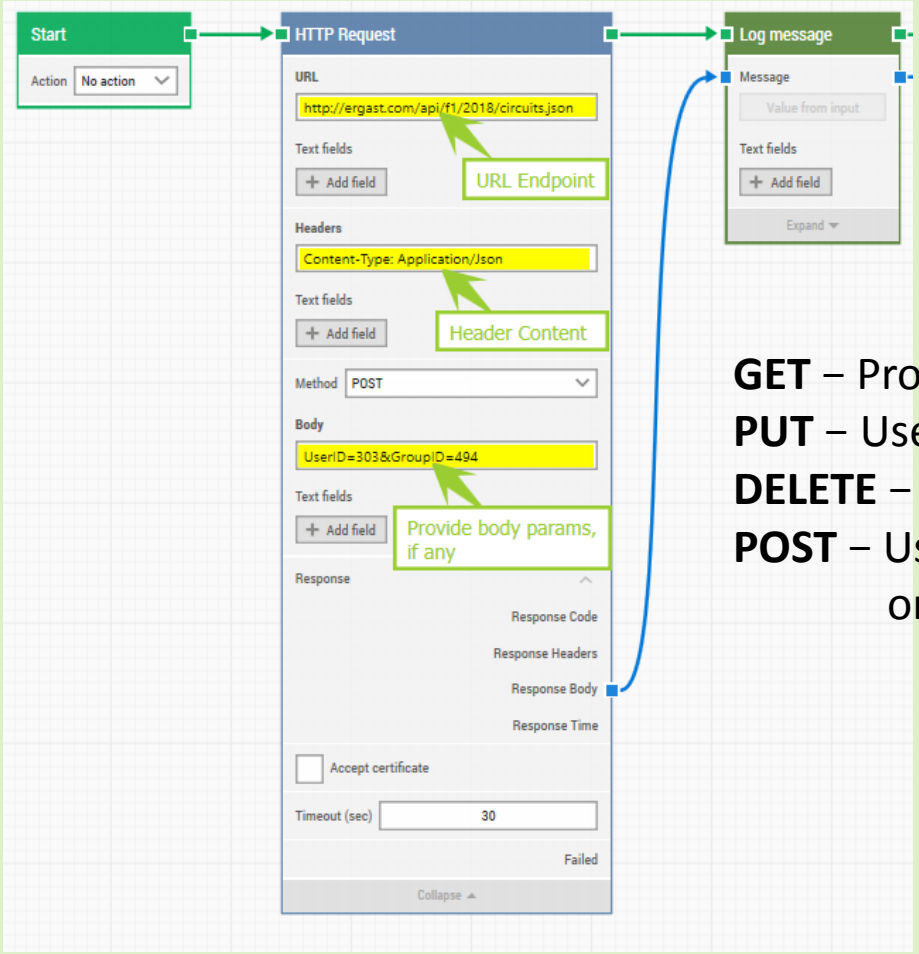
Appendix

Call a REST API using HTTP block



GET – Provides a read only access to a resource.
PUT – Used to create a new resource.
DELETE – Used to remove a resource.
POST – Used to update an existing resource or create a new resource.

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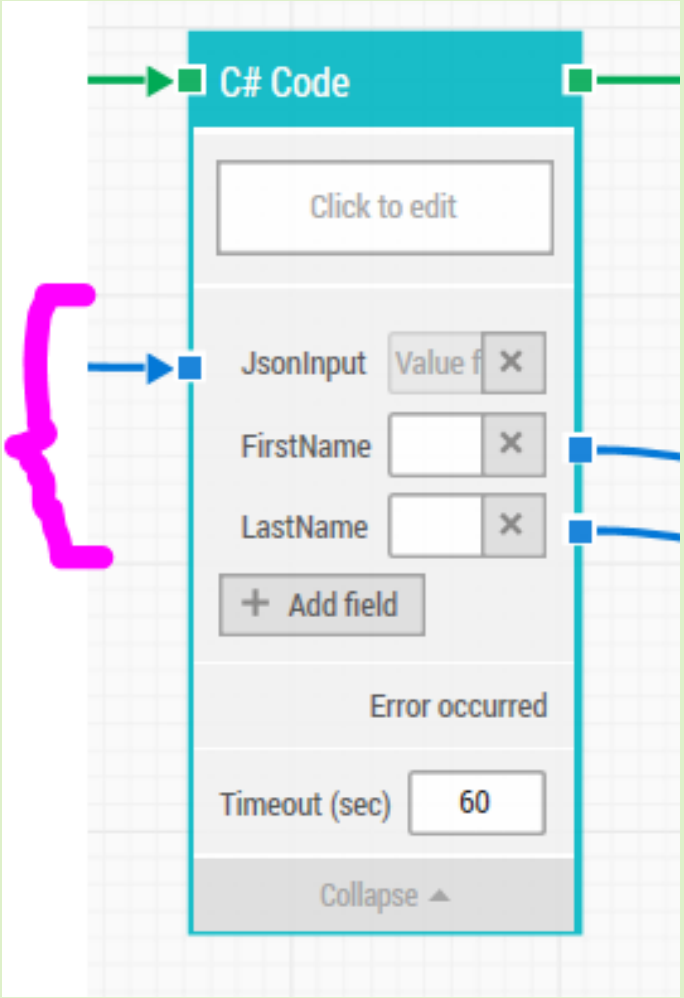
C# block



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