European
Power Platform
Conference

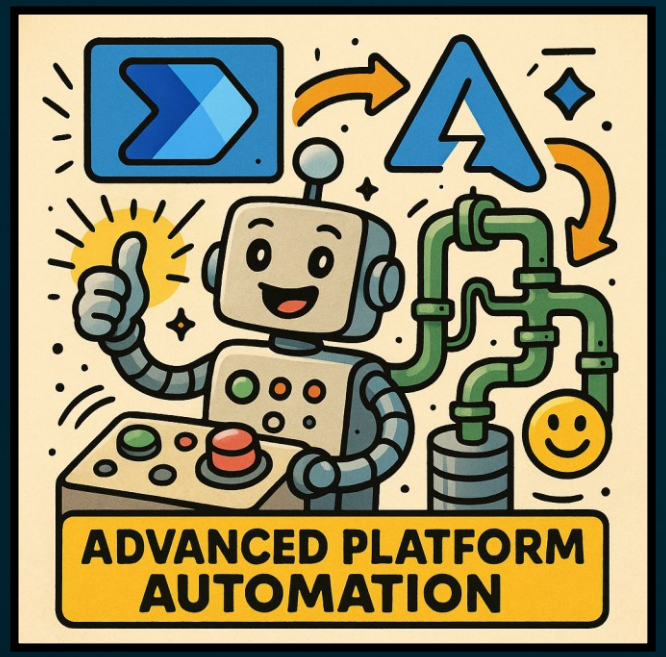
PowerUp!

WELCOME
TO

VIENNA 2025

JOIN THE
CONVERSATION

#EPPC25



Lab 3 – Logic Apps & Custom Code

Advanced Integrations Workshop @ EPPC

What ever you dream of – in Functions you can build it!

Logic Apps & Custom Code

Hello, cousin

Power Automate

Logic Apps

Power Automate

- Licensing: per user or per flow
- ALM: Power Platform
- Integration with M365 and Dataverse
- Approvals
- Monitoring & diagnostics: basic
- Default choice for Power Platform

Logic Apps

- Licensing: Consumption
- ALM: Full control
- Code
- SOAP
- Monitoring & diagnostics: App Insights
- Default choice for Azure integrations

Code in Logic Apps

- Advanced Data Parsing & Transformation
- No External Service Needed
- Lower Latency, Better Performance, Fewer Actions
- Seamless Workflow Integration
- Pro-Code Experience
- Portable to Connectors

Code in Connectors

- Outbound
- Transformation
- Code only (serviceless)
  - Run your own code
  - With parameters
  - Use your imagination

Code only use cases

- Encryption
- Parse CSV
- Regex
- Decoding / encoding
- Parsers
- Date manipulations
- Excel date conversion
- Prettify JSON (e.g. for emails)
- Aggregates
- Complex math

Know the rules

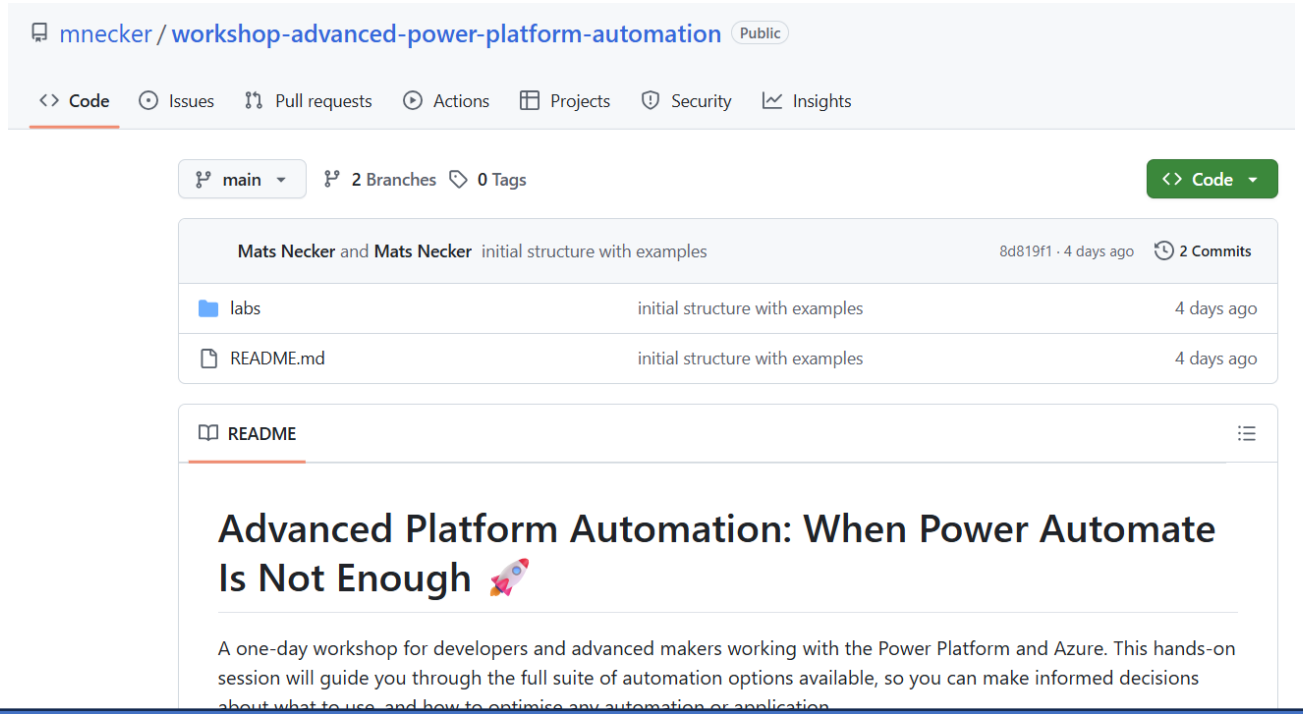
- 5 seconds rule
- 1 MB size
- Only listed namespaces are supported
- One script per connector
- Logging and test in manual deploy
- Do NOT create Http client
  - Will be blocked
  - Use this.Context.SendAsync
- No data from private endpoints
  - for Context.SendAsync
- No on-premises gateway support

Before the code rush

- Can it be *reasonably* implemented in Power Automate / Logic Apps?
- Are certified connectors available?
  - Beware of dependencies
- Can it be done with policies?
- Would a custom web api be better / quicker / more maintainable?
- Is it even possible with the code?

Let‘s build it!

The Lab Material



https://github.com/mnecker/workshop-advanced-power-platform-automation