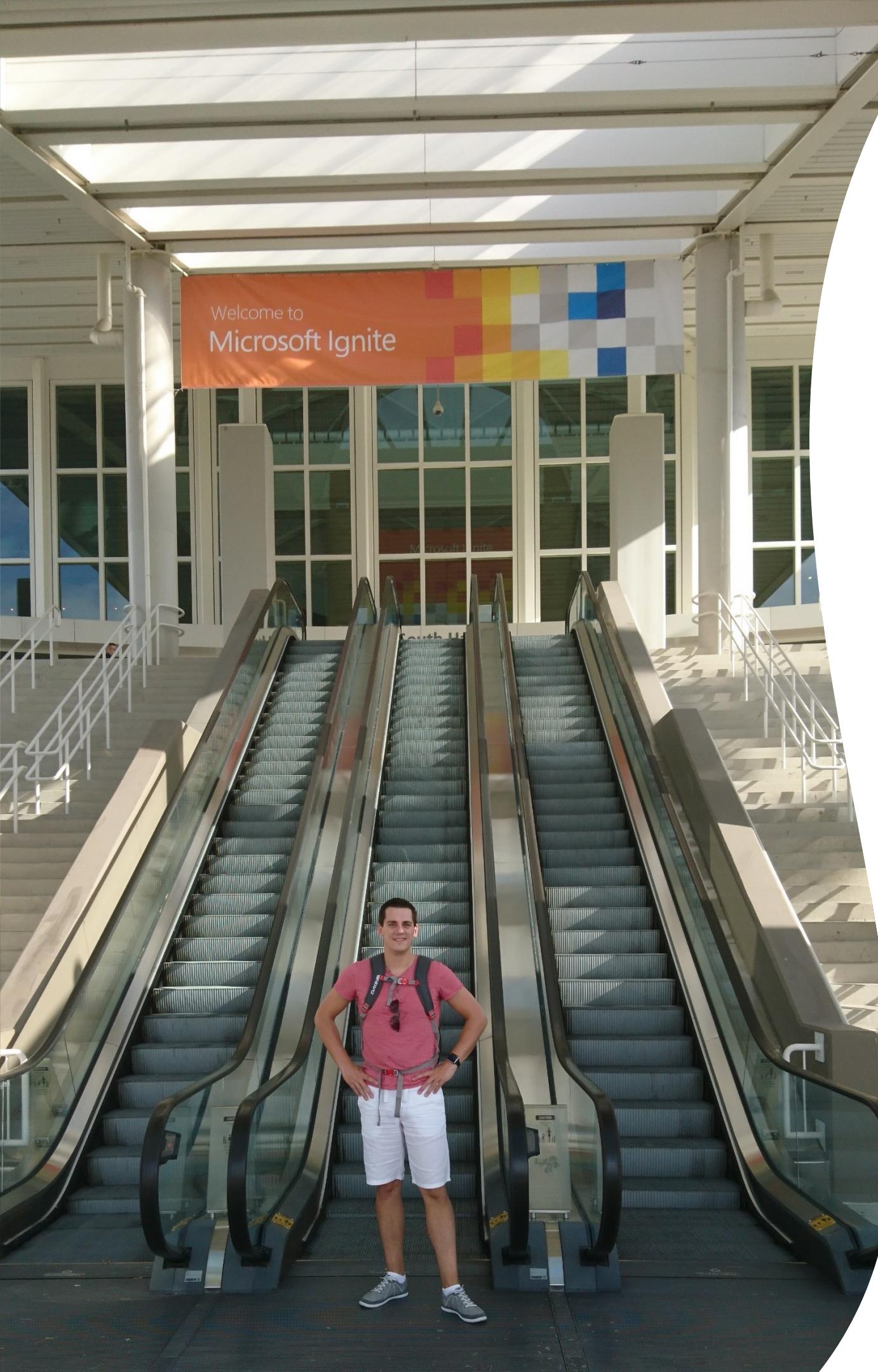




»» LONG RUNNING APPROVAL PROCESSES

IN POWER AUTOMATE



WHO AM I

RIK DE KONING

**POWER PLATFORM
CONSULTANT @ RAPID CIRCLE**

- › Power Platform, Microsoft 365, Azure Logic Apps
- › Blogger

Socials

-  rik_koning
-  rikdekonink
-  <https://about365.nl>

WHAT WILL BE COVERED

AGENDA

1. **GENERAL**

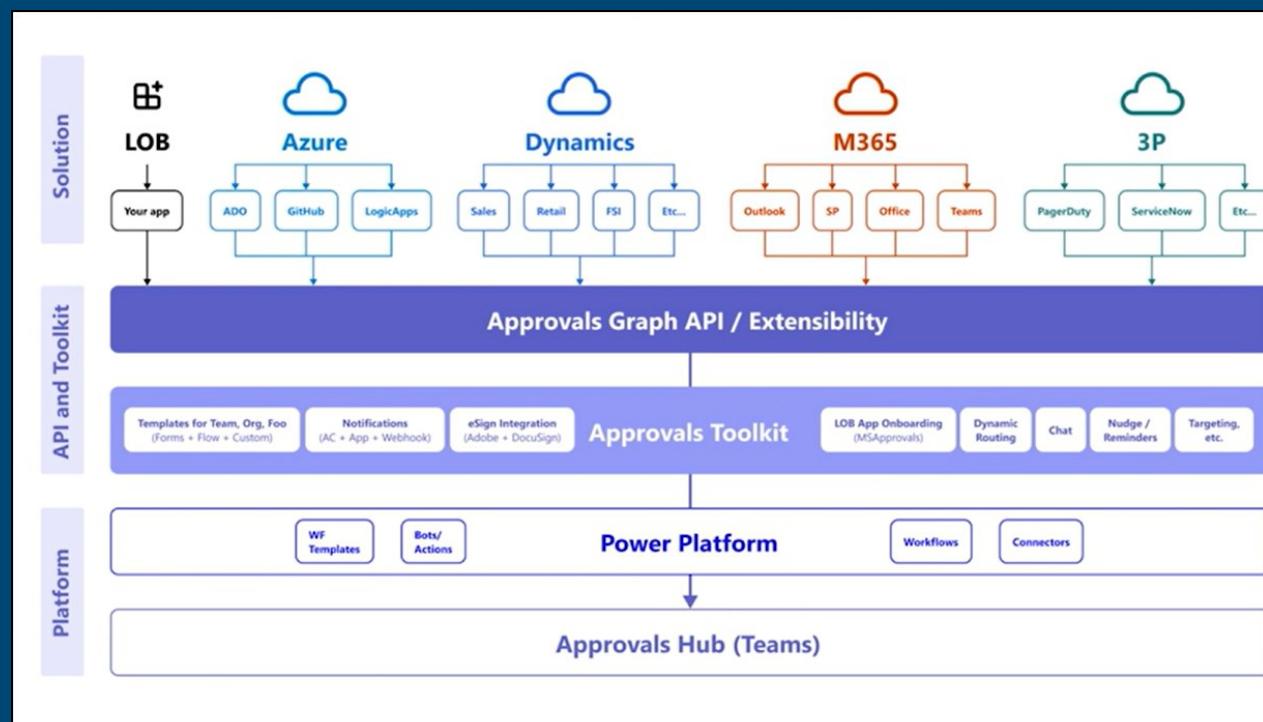
- Approvals
- Limitations

2. **WORKAROUND 1**

- SharePoint

3. **WORKAROUND 2**

- Dataverse



WHAT IS IT

APPROVALS

- Streamline requests and processes
- Built on Dataverse
- 1 or more outcomes
- Feedback/Reassign
- Adaptive card/Markdown
- Lasts forever
- Approvals Hub (Teams integration)
- Approvers: Internal users



What's Next for Approvals

- ✓ Approvals Graph API's
- ✓ Set Priority
- ✓ Data Export
- ✓ Due Date
- ✓ Sequential approvers
- ✓ Tasks Integration
- ✓ Share requests
- ✓ Shifts Integration
- ✓ Approvals in SharePoint
- ✓ Print to PDF
- ✓ Bulk editing
- ✓ Delegate
- ✓ Tag Approvals
- ✓ Analytics Tab
- ✓ Approvals in Office
- ✓ Group Approvers
- ✓ Mandatory Comments
- ✓ + Many more

DEMO 1



LIMITATIONS

- › **MARKDOWN <> HTML**
HTTPS://WWW.ABOUT365.NL/2020/02/27/POWER-AUTOMATE-APPROVALS-MARKDOWN-OR-HTML/
- › **REASSIGNING**
- › **30 DAYS FLOW RUN LIMIT**





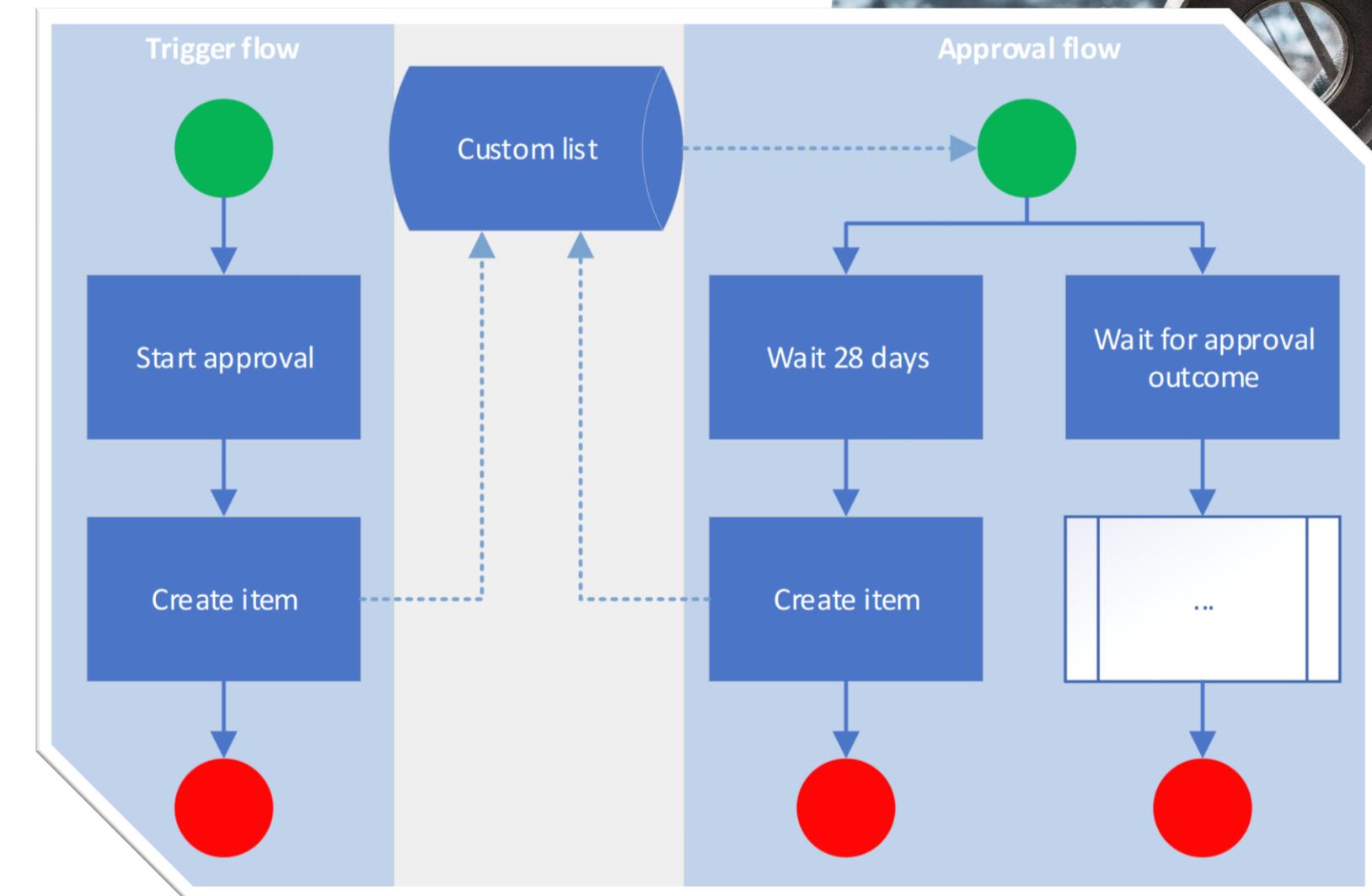
HOW TO WORK AROUND THESE LIMITATIONS

HOW TO DEAL WITH IT

WORKAROUND 1

SHAREPOINT

- Custom list
 - Approval ID column
- Two-flow setup
 - Trigger flow:
 - Start approval
 - Create item in custom list
 - Approval flow:
 - Wait for approval outcome and process it, or
 - Wait for 28 days and recreate item in custom list



DEMO 2



HOW TO DEAL WITH IT

WORKAROUND 1

PROS

- › Free
- › Bypass 30-day limit
- › Reusable
- › Approval status overview



HOW TO DEAL WITH IT

WORKAROUND 1

CONS

- Additional SharePoint configuration needed
 - SharePoint list view threshold (when using status overview)
 - ‘Lag’ between child flow end and child flow start
 - Child flow keeps running until approval has been given
- Trigger intervals, based on plan:
 - Free/trial: up to 15 minutes
 - M365 integrated: up to 5 minutes
 - Premium: up to 1 minute
 - Action request limits (24 hours), based on plan
 - Free/trial: 25.000 per tenant
 - M365 integrated: 6.000 per user
 - Per user: 40.000 per user
 - Per flow: 250.000 per flow



A photograph of a landscape at sunset or sunrise. In the foreground, a person's arm and hand are visible, pointing towards the horizon. Numerous hot air balloons are scattered across a clear sky above a rocky, desert-like terrain.

HOW TO DEAL WITH IT

WORKAROUND 2

DATAVERSE

- Solutions required:
 - Microsoft Flow Approvals
 - Microsoft Flow Approvals Core Solution

- Dataverse tables:
 - Approvals
 - Approval Requests
 - Approval Responses

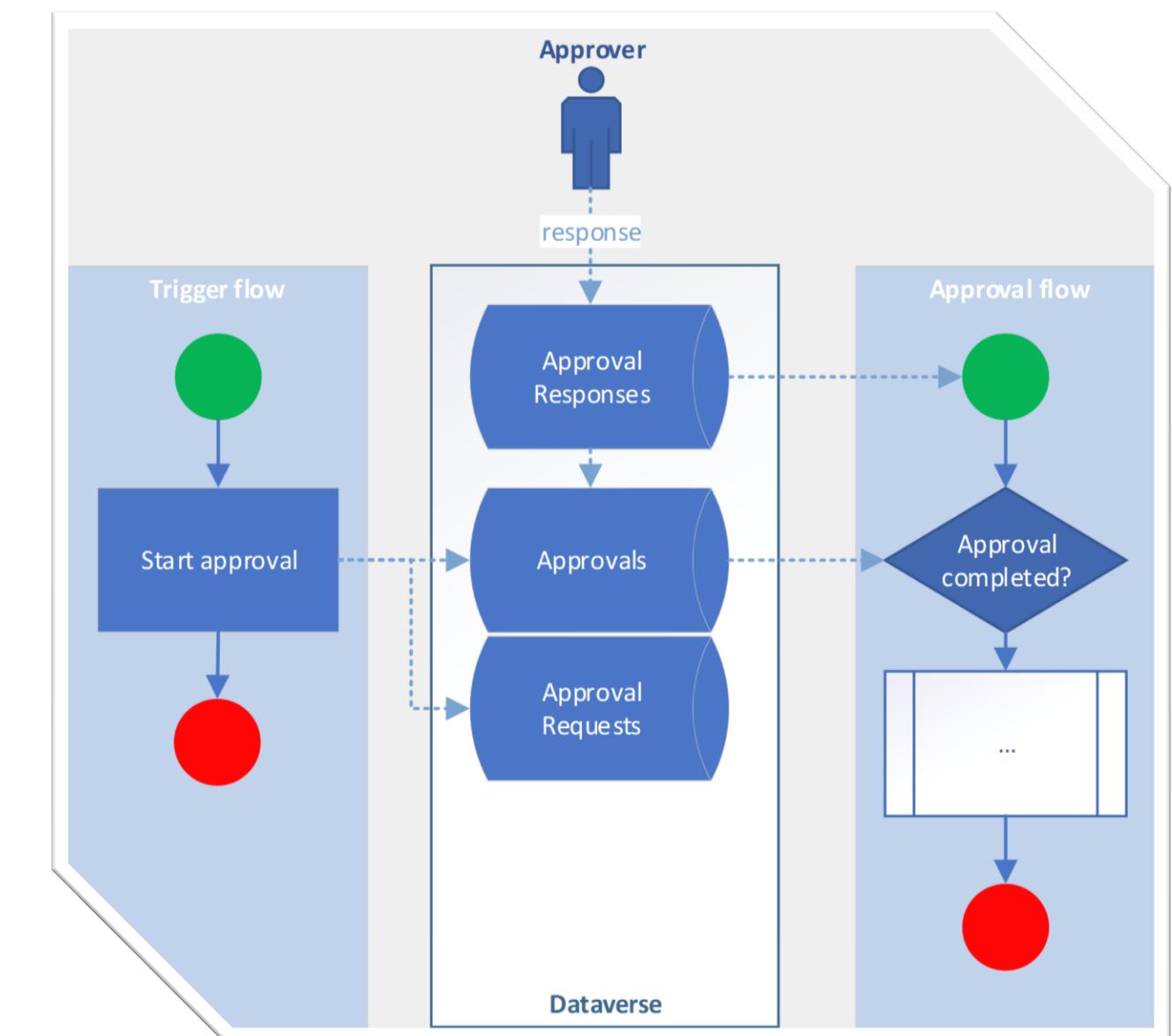


HOW TO DEAL WITH IT

WORKAROUND 2

DATAVERSE

- Two-flow setup
 - Trigger flow
 - Start approval
 - Approval flow
 - Process approval outcome



A man with curly hair, wearing a light-colored jacket and dark pants, sits on a rocky outcrop. He is looking out over a vast, misty landscape with rolling hills and mountains in the distance. The scene is bathed in a blue-tinted light, suggesting either dawn or dusk.

DEMO 3



HOW TO DEAL WITH IT

WORKAROUND 2

PROS

- Bypass 30-day limit
- Reusable, but watch out!
- Less lag, no 'black-hole'
- No additional tables required
- Flows only run when needed



HOW TO DEAL WITH IT

WORKAROUND 2

CONS

- Paid
- Works on all approvals within your environment
 - Can be filtered though
- No approval status overview
 - Can be configured though

QUESTIONS?

