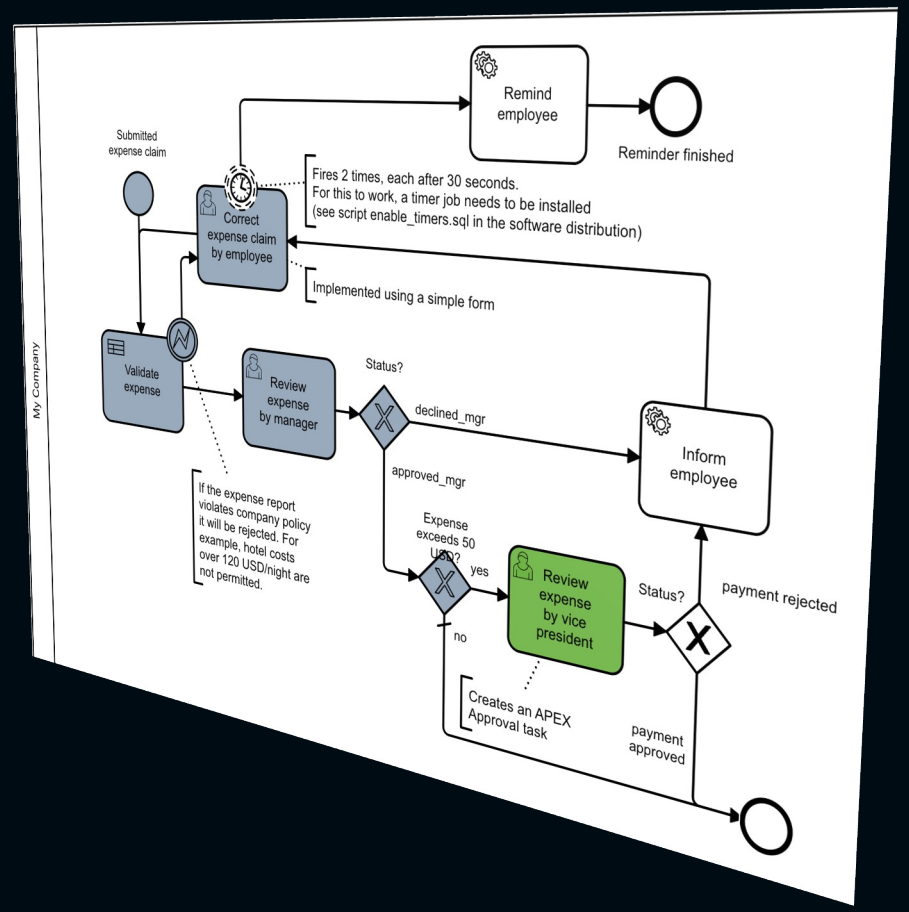
18-NOV-2026

Flows for APEX 26.1

Your BPMN engine for the AI era



code of change

HyPlus

About me



ORACLE
ACE Director

Niels de Bruijn
Business Unit Manager Low-Code

Contact details at linktr.ee/nielsdebr

HyPlus

Internationally connected delivery power.

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Germany

- Brunswick
- Ratingen
- Hamburg
- Frankfurt
- Berlin

Poland

- Wrocław

Lithuania

- Vilnius
- Kaunas

Romania

- Cluj-Napoca

India

- Pune

25+
Customers with > 1 billion € revenue

90+
Million Euros revenue (2025)

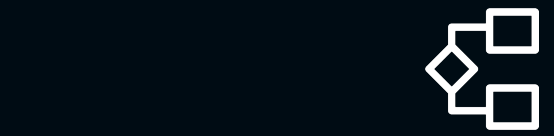
10
Locations in 5 countries

750+
Employees

40
APEX devs

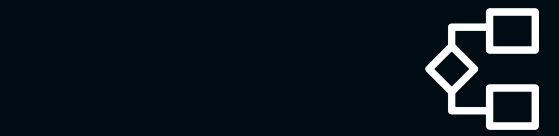
24
Nationalities

About Flows for APEX



- *Model* your business processes based on BPMN
- *Build* corresponding APEX pages
- *Execute* instances of the process
- *Administer* running process instances
- *Report* on process performance

Flows for APEX / APEX Workflow



Differentiators

- BPMN 2.0 support (easier migration from Bizagi, Camunda, etc.)
- Full control of your instance data (workspace schema)
- Support for ad-hoc sub processes

Co-existence is key!

- Integration of APEX Human Tasks
- Planned: Integration of Rules Engine in a future APEX release

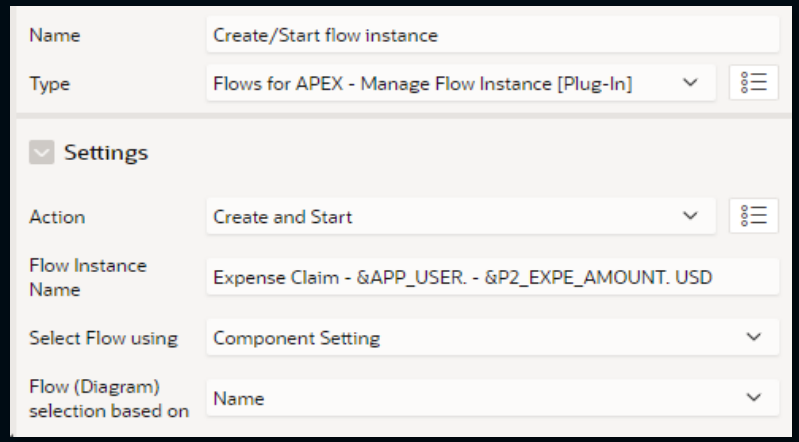
Further integration options

APEX page:

- Plugins
- Views & PL/SQL API

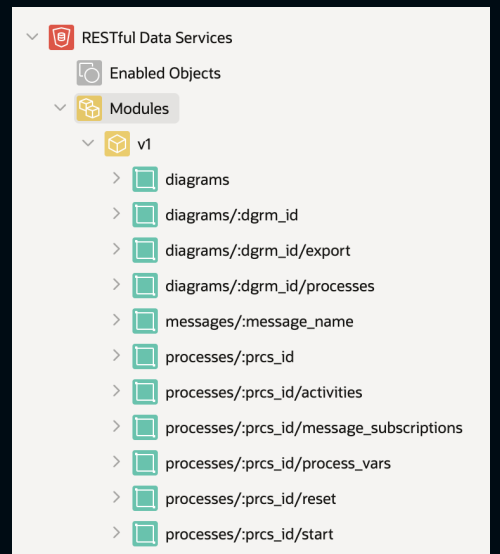
3th party systems:

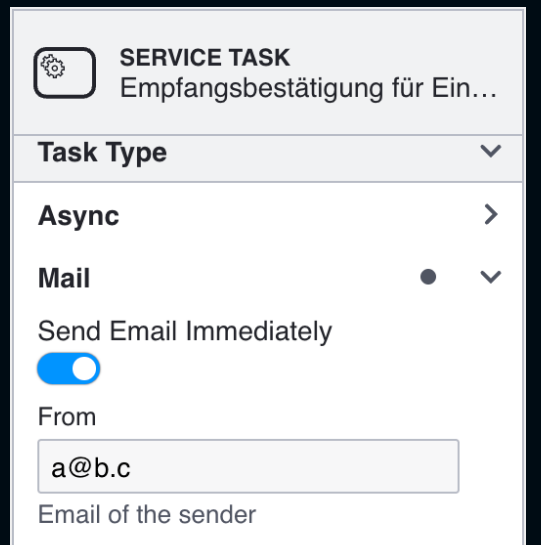
- Prebuild Connectors
- REST-API

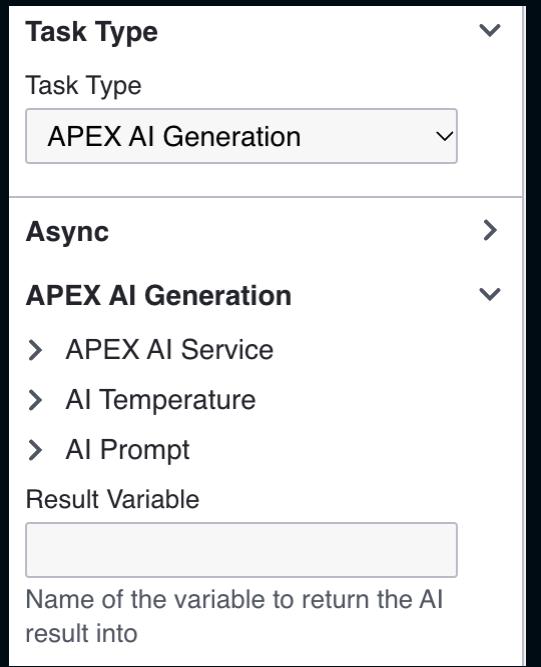



```
declare
   l_prcs_id flow_processes.prcs_id%type;
begin
   l_prcs_id := flow_api_pkg.flow_create(
        pi_dgrm_name    => 'My Model'
      , pi_dgrm_version => '0'
      , pi_prcs_name    => 'My Instance Name'
   );

   flow_api_pkg.flow_start(
      p_process_id => l_prcs_id
   );
end;
```







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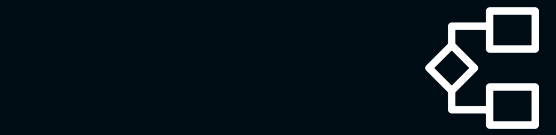
Your path to get into Flows for APEX



- Download and Install* (flowsforapex.org)
  - Learn from the preinstalled tutorials
  - Perform the starter workshop (see documentation)
- Watch our videos about Flows for APEX (flowsforapex.org)
- Join the Oracle APEX Process Automation User Group on LinkedIn
- Get training in BPMN and Flows for APEX

*) Installation on apex.oracle.com is not supported anymore

Flows for APEX editions



Enterprise Edition

+ Advanced Features
+ Software support

Annual subscription basis

Community Edition

- Open Source
- MIT License from HyPlus GmbH
- Community Support via GitHub Issues

Users in production

ORACLE

Multiple Production Apps

HARVARD UNIVERSITY

ARROW

Arrow Electronics
EBS + Fusion Extensions

Dealer Management

etisalat

Major Regional Telco (UAE) ERP Approval Management

HXS

US Defense Contractor HR Processes

Northern Ireland Office

Govt Process Automation (with Fujitsu)

SIEBENWURST MODELLBAU & FORMENBAU

Auto Parts Manufacturer HR Processes

büdingenmed

Patient Billing / Insurance

CLAY LACY

Aviation Charter Reservations

WEIZMANN INSTITUTE OF SCIENCE

Israel University Projects

IEC

Universal Investment

Fund Management
Customer Support Processes

UNIVERSITAS XXI

Uniiversitas XXI
University Admin for 100 unis

Nidec

Electric Motor Manufacturer EBS Extension

NRI

Nomura Research AML / NYC System (OCI)

MyRISK

HyperGRC – MyRisk Security Vulnerability Products

ROYAL NAVY

UK Royal Navy HR Processes

DERMALOG

HyPlus

Scalability proof points



Egyptian Bank – Loan Origination

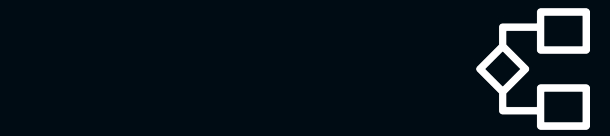
- Processes request and approval of loans until goes into core banking
- 1,000 branches
- 15,000 users
- 10,000 loans / day
- 3,000,000 in 18 months

Dermalog – Biometric Enrollment

- > 10,000 processes /day

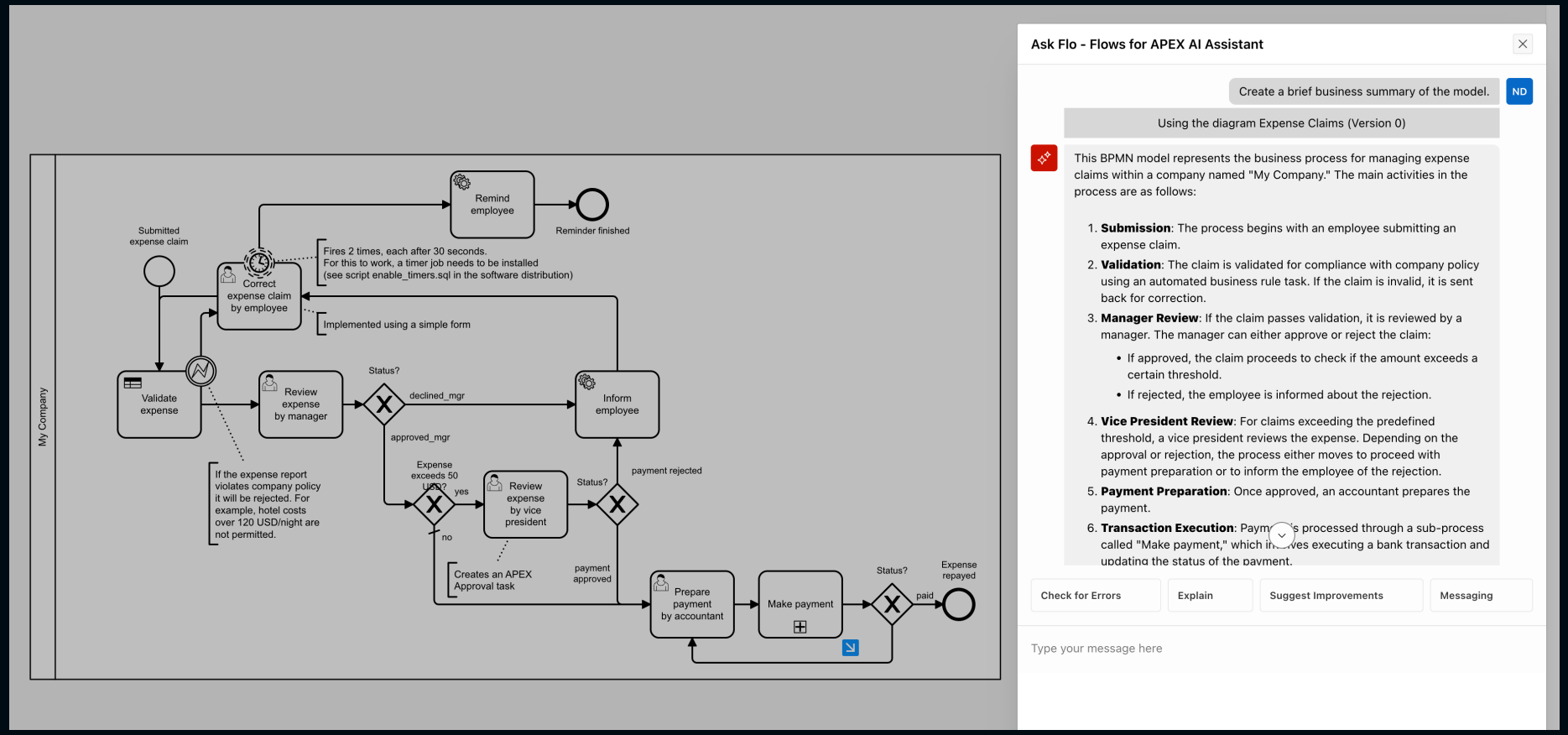
Oracle – Internal Use

- OCI SaaS Enablement / Provisioning
- Global Layoff system…



About AI in Flows for APEX

25.1: Chatbot Integration in Flows for APEX



Explain, translate and review existing models

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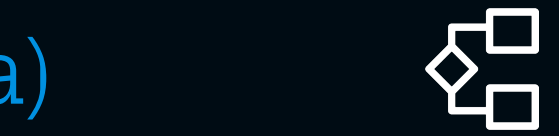
Enterprise Edition

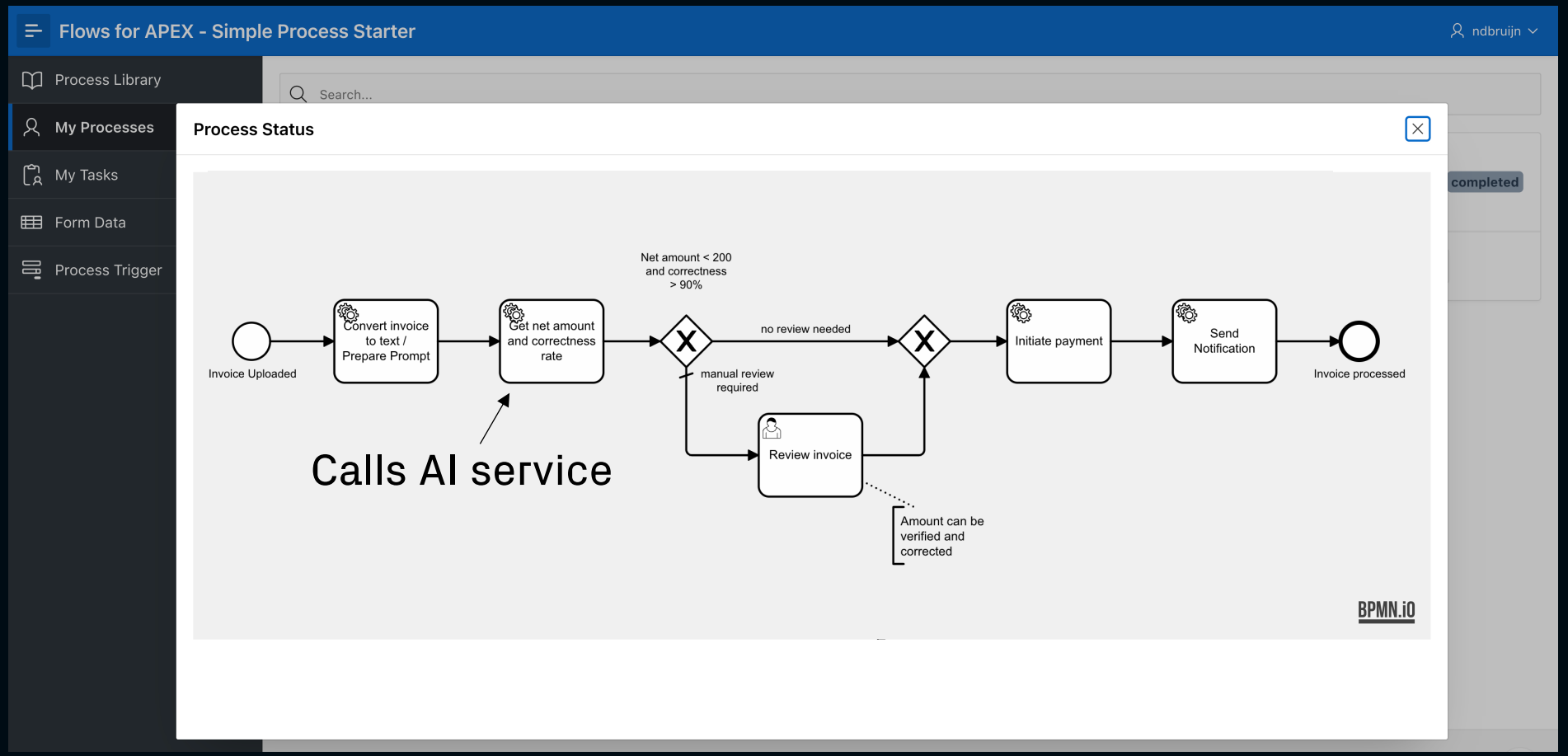
26.1: Generate BPMN using Flowslang (beta)



- Public XSD schema definition for LLMs
  - For humans: https://flowsforapex.org/latest/apex-extensions-guide/
  - For agents: https://github.com/flowsforapex/apex-flowsforapex/blob/development/doc/bpmn-extension-syntax/flow-for-apex-extensions.xsd
- Point your agent to the XSD

Share your experience with us!

25.1: Call AI - Invoice Processing Demo



This demo process & app is part of the Flows for APEX distribution

A demo before installing it can be found here:
https://www.youtube.com/watch?v=4Ezf2Ln85vY&t=2057s

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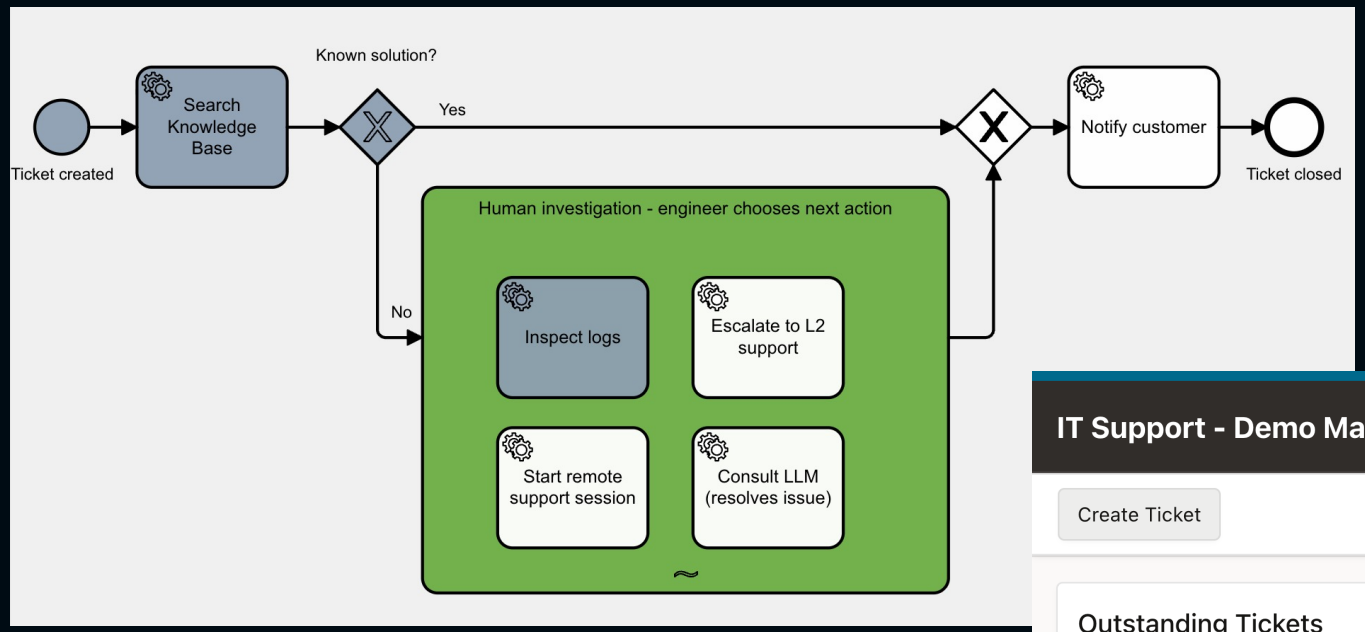
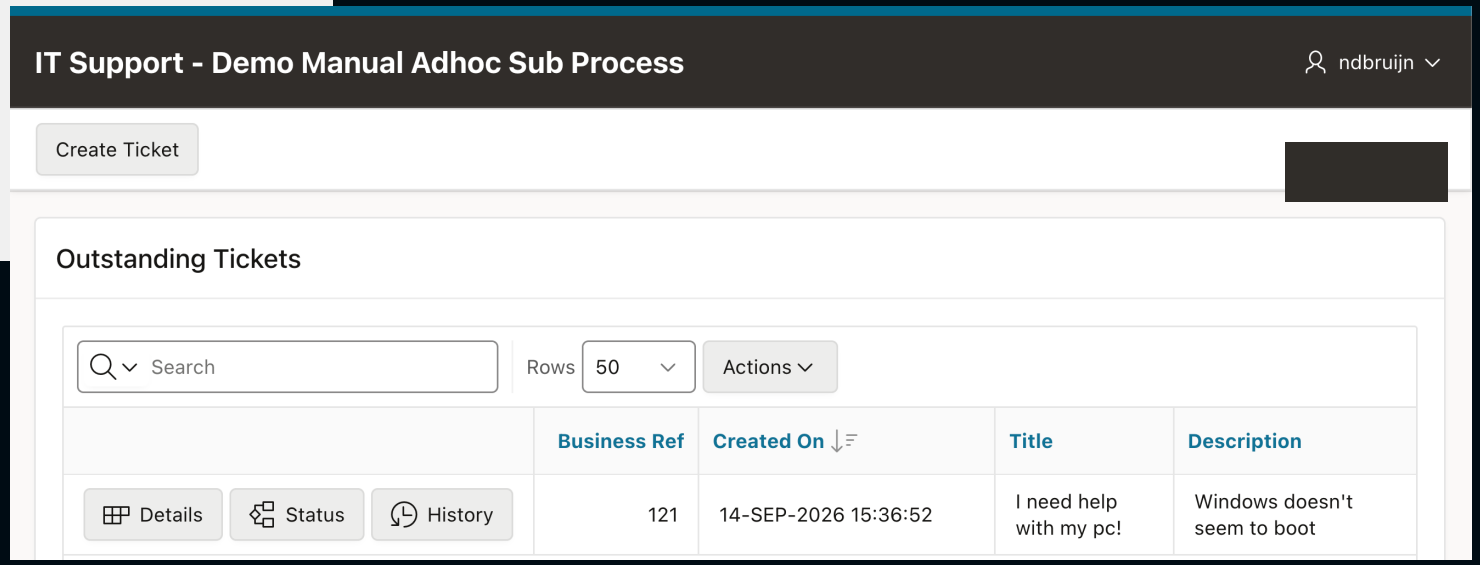
Community Edition

26.1: Ad-hoc Sub Processes

Step by step guide



Decision-making: either manual, with AI-recommendation or fully autonomous



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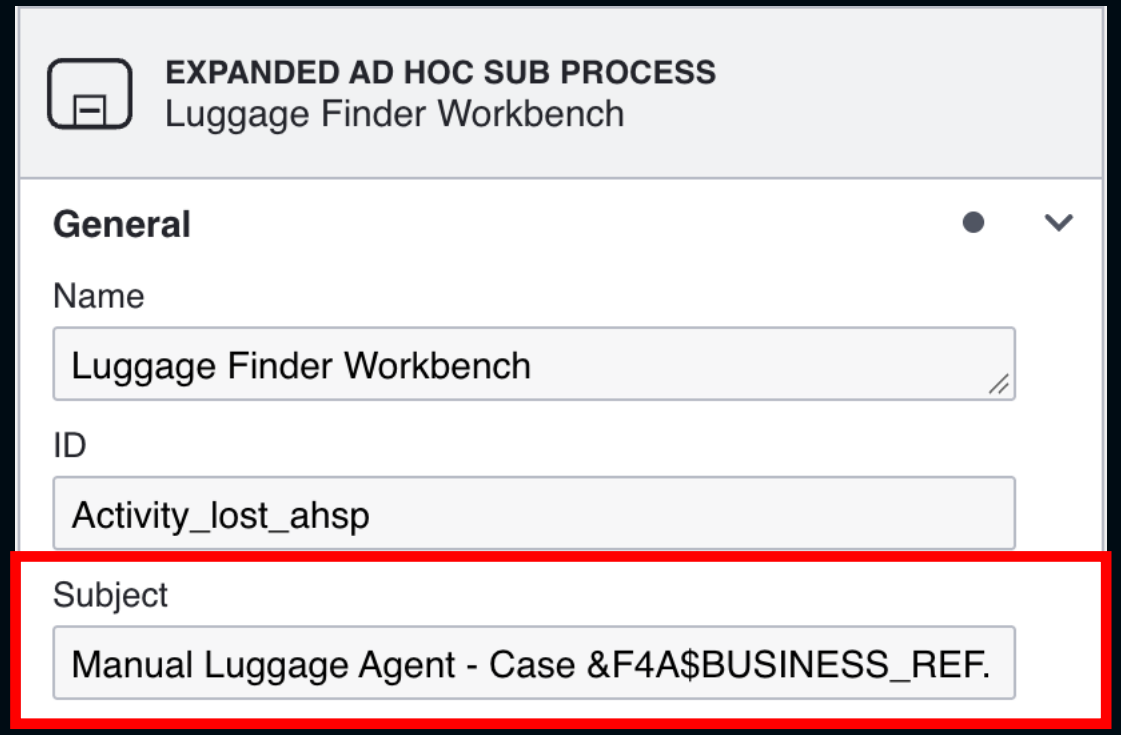
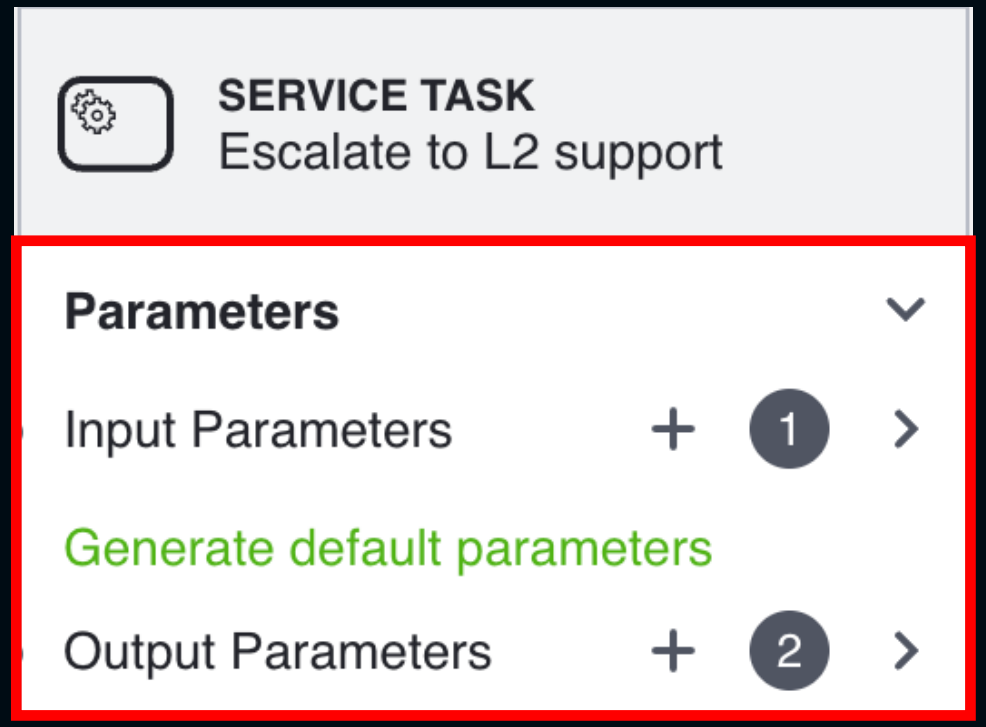
26.1: Features beyond AI

- Attribute "Task Subject"



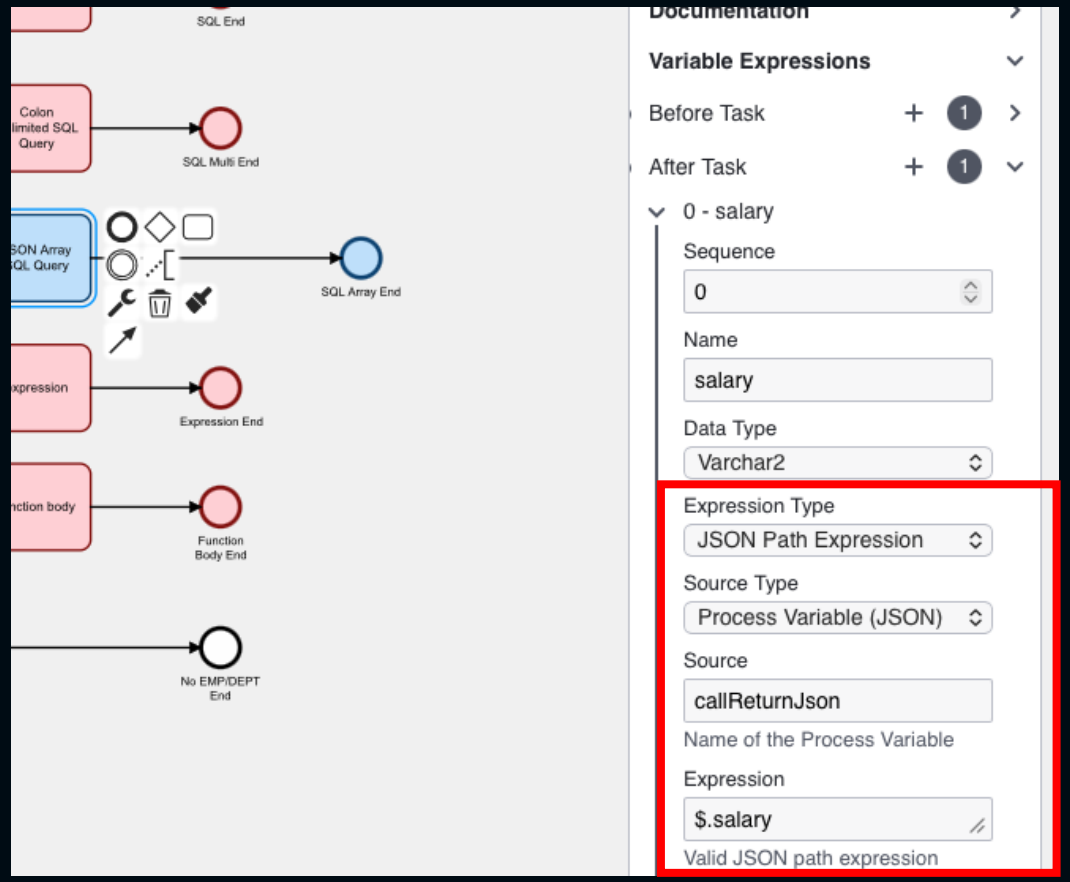
26.1: Features beyond AI

- Declare Task Input/Output Parameters
  - Input params determines the fields shown



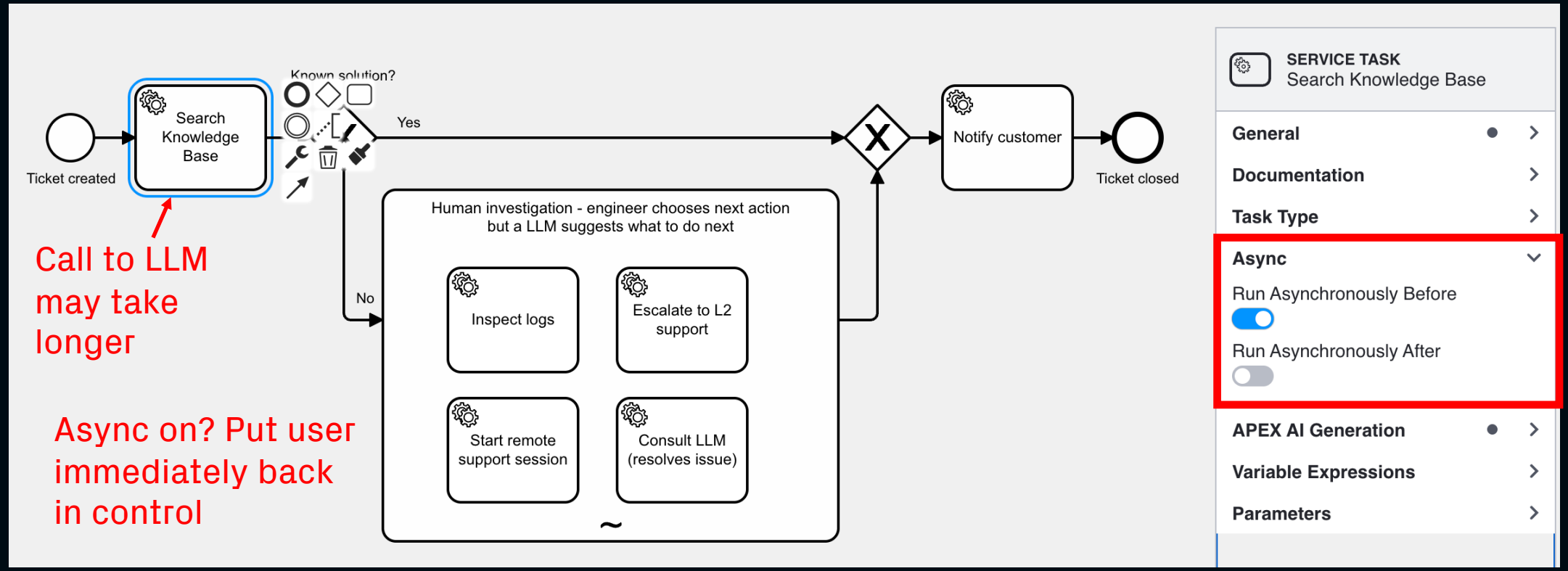
26.1: Features beyond AI

- Expression Type: JSON Path Expression



26.1: Features beyond AI

- Async workflow execution (based on AQ)
  - prevents users from waiting in the UI until execution is finished



Flows for APEX - Statement of Direction



As always, "Safe Harbor" here ☺

- Integration of the APEX Rules Engine (once available)
- Provide more out-of-the-box connectors with 3rd party systems
- Automatically show Form for User Tasks based on Input Params
- Support for isolated APEX Workspace schema installation
- Enhance AI assisted development for Flows for APEX

Oracle APEX Process Automation User Group



Join here

Next online session: 3-DEC 2026 15:00 CET

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