



The Reltio Community Show: Making Workflows Work for you

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Levels of Workflow Customization

Out of the Box

- Data Change Request
- Delete Request
- Potential Match Review

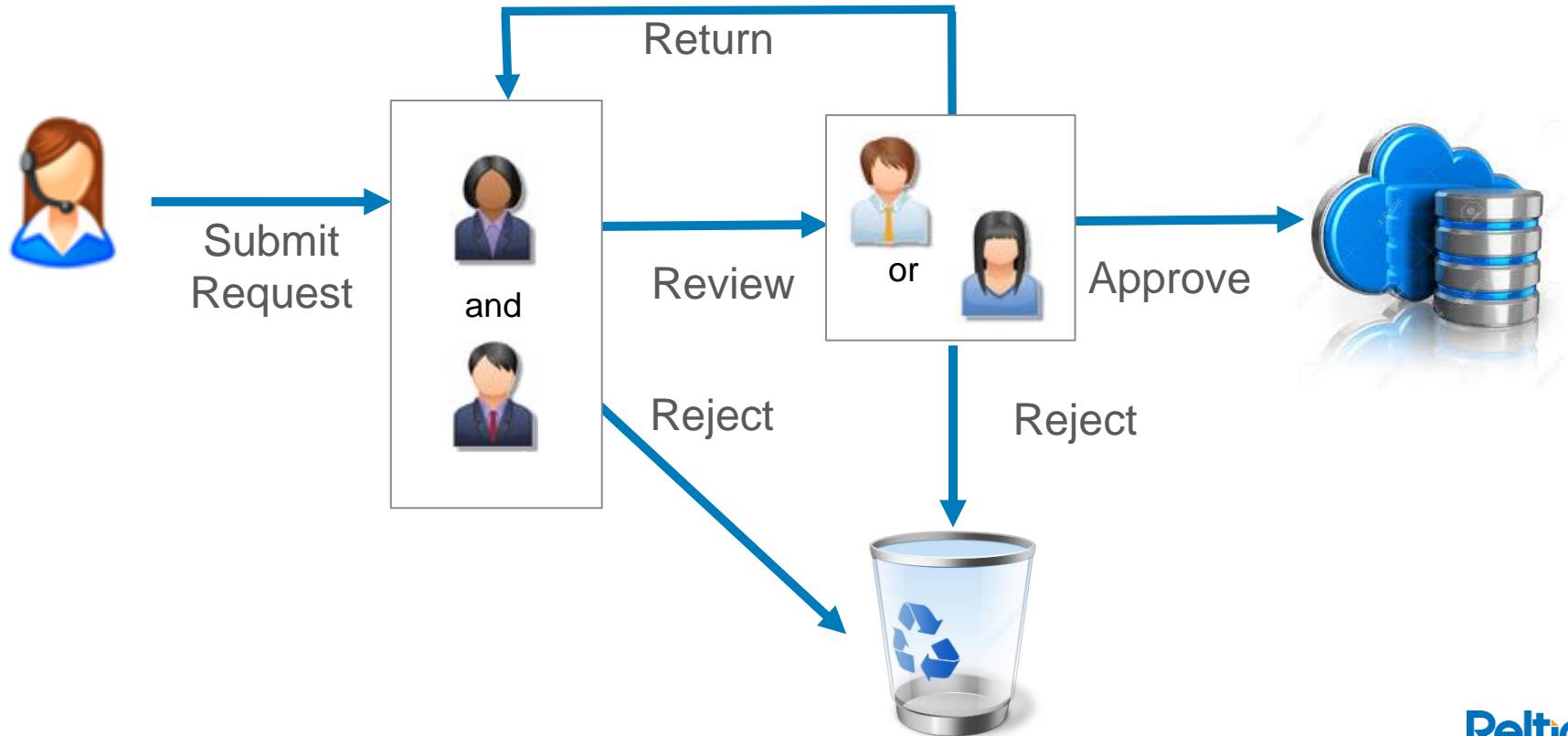
Custom BPMN

- Expand on out of the box workflows
- Create new workflows using the existing framework
- ex. Multiple Validators

Custom Services and Listeners

- Change the behavior of existing framework
- Add additional actions
- Interact with External System

CUSTOM WORKFLOW SCENARIO



Getting Started with Custom Workflows - PreReqs

- Install Oracle Java SE Development Kit 8 (JDK)
- Install MariaDB or MySQL
- Java IDE (Eclipse or IntelliJ)
- Install MySQL Workbench

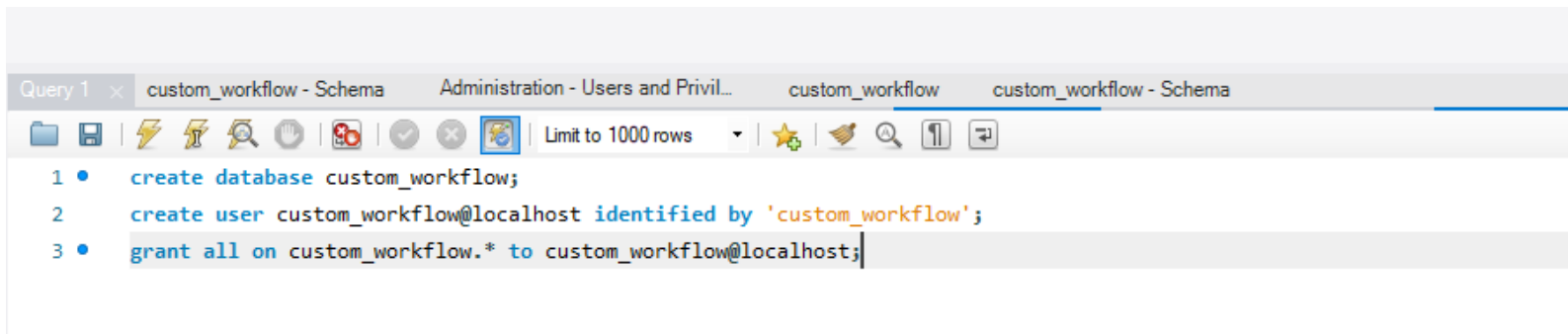
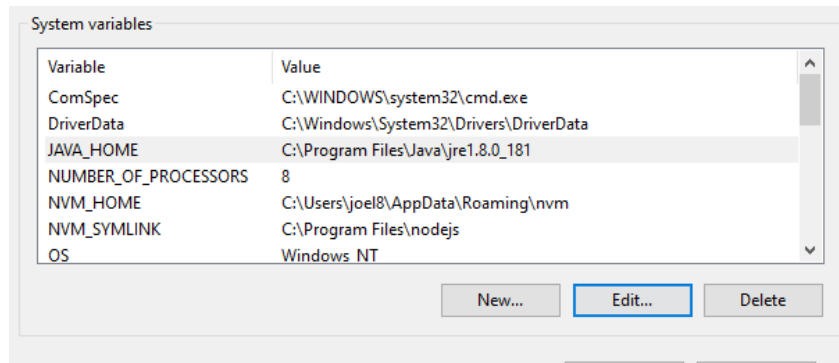
Reltio



Java[™] **Reltio**

Getting Started with Custom Workflows -Local Environment

- set JAVA_HOME variable
- create your database and user
- [Download the Workflow Adaptor Jar](#)



The screenshot shows a SQL query editor with three SQL commands entered in a list:

```
1 • create database custom_workflow;  
2 • create user custom_workflow@localhost identified by 'custom_workflow';  
3 • grant all on custom_workflow.* to custom_workflow@localhost;
```

Getting Started with Custom Workflows - UI

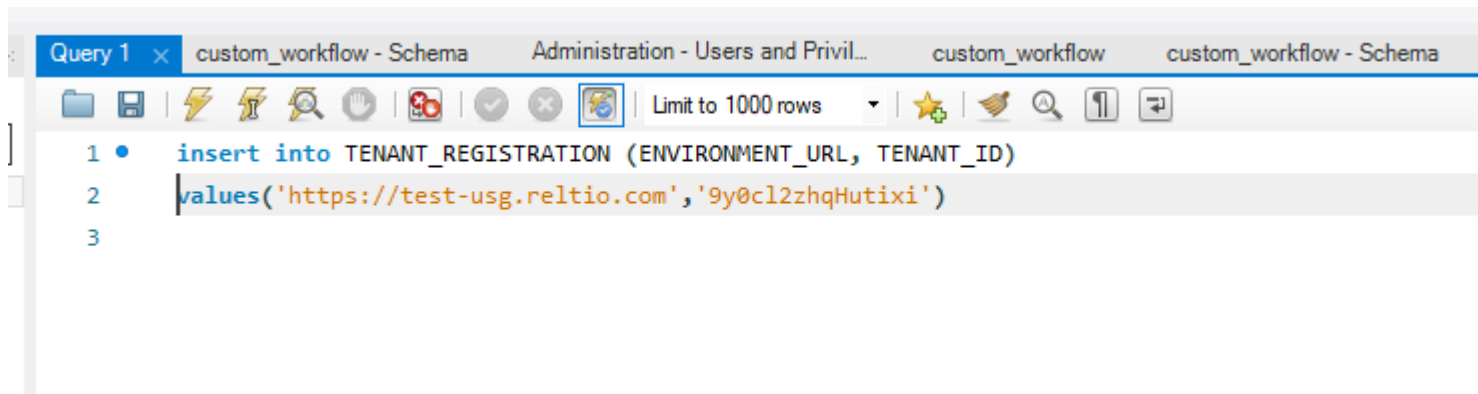
```
....."version": "1.0.0",
....."provider-name": "Reltio.com",
....."requirements": ["com.reltio.plugins.ui"],
....."extensions": [
.....  {
.....    "point": "com.reltio.plugins.ui.configuration",
.....    "id": "com.reltio.plugins.workflow.configuration",
.....    "workflowPath": "https://localhost:8080",
.....    "enabled": true,
.....    "stepsColors": {
.....  }
.....  },
.....  {
.....  }
```

Starting your Workflow Adaptor

```
java -  
agentlib:jdwp=transport=dt_socket,server=y,susp  
end=n,address=5005 -Dfile.encoding=UTF-8  
-Dspring.config.additional-  
location=classpath:/application.properties -  
DFS_DIR=C:/Reltio/workflow/ -  
DWORKFLOW_CONFIG_NAME=app.properties -  
jar C:/Reltio/workflow/web-2021.3.12.1.jar
```

Registering your Tenant

- In production tenants are registered via API
- API is not available for the local adapter so it must be added to the DB manually



The screenshot shows a SQL query editor interface. The top bar contains several tabs: 'Query 1', 'custom_workflow - Schema', 'Administration - Users and Privil...', 'custom_workflow', and 'custom_workflow - Schema'. Below the tabs is a toolbar with various icons for file operations, execution, search, and settings. A dropdown menu is open, showing 'Limit to 1000 rows'. The main area displays a SQL query with line numbers 1, 2, and 3. The query is an insert statement for a table named 'TENANT_REGISTRATION'.

```
1 • insert into TENANT_REGISTRATION (ENVIRONMENT_URL, TENANT_ID)
2 | values('https://test-usg.reltio.com', '9y0cl2zhqHutixi')
3
```


Deploy Your Jar

The screenshot shows a REST client interface with the following details:

- Method:** POST
- URL:** `{{workflowURL}}/jarDeployments`
- Body Type:** JSON (selected)
- Body Content:**

```
1 {  
2   "name": "CustomRules",  
3   "module": "relio.workflow-custom-jars/astrazeneca-rules-3.0.jar",  
4   "description": "Custom rules with countrycode routing"  
5 }
```
- Response:** (Empty)

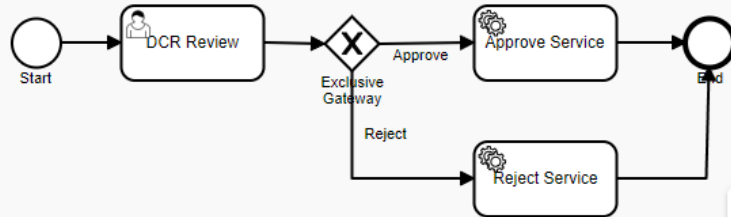
Create Your Workflow

OPEN + CREATE

EXPORT

SAVE

PUBLISH



dataChangeRequestReview

General

Documentation

Listeners

Data objects

Id

dataChangeRequestReview

Name

Data Change Request Review

Candidate starter users

Candidate starter groups

Publish Your Workflow

POST `{{workflowURL}}deployments` Send

Params Authorization Headers (12) **Body** Pre-request Script Tests Settings Cookies

none form-data x-www-form-urlencoded raw binary GraphQL

	KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/>	tenantId	<code>{{tenant}}</code>			
<input checked="" type="checkbox"/>	file	DataChangeRequestReview.bpmn20.xml ×			
<input checked="" type="checkbox"/>	name	DataChangeRequestReview			
	Key	Value	Description		



Links

- [Setting Up the Workflow Adaptor](#)
- [MYSQL Install](#)
- [ROCS Workflow REPO](#)

