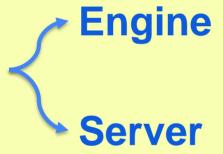
Automate user-involved and data business processes in microservices-based architecture and cloud-based projects.

Workflow Engine

Using





https://workflowserver.io



What is a Workflow Engine?

A workflow engine **automates** and orchestrates tasks, activities, and processes in an organization. It helps to ensure that everything is done in the right order, with the right information and by the right people.

















It includes tools for creating, editing, and managing workflows, as well as monitoring and reporting on their progress.

Before implementing a Workflow Engine, you must understand the process that needs to be automated. Identify the steps involved, the decision points, and the people or systems involved.

Examples of business processes that can be automated!



Employee onboarding:

Automates onboarding for faster, accurate processing, freeing HR staff for strategic tasks and reducing errors.



Invoice processing:

Automates invoice processing from receipt to payment, streamlining approval and payment procedures.



Customer Service Requests:

Automates customer service requests for quicker resolutions and improved resource utilization.



Purchase Order Management:

Efficiently manages purchase orders, saving time and freeing up staff for other tasks.

Overview of Optimajet WorkflowServer

Optimajet Workflow Server is a powerful BPM software solution for automating tasks and workflows.

It supports task automation, notifications, and workflow design.

WORKFLOWSERVER



https://workflowserver.io

Key Features Of WorkflowServer

Here are the Key Features Of Optimajet WorkflowServer:



Written in .NET 6 and cross-platform.



Form Manager module for creating and managing forms.



Administrative panel for configuration.



Workflow scheme designer for visualizing processes.



Restful API integration.



LDAP and OpenID integration.



Supports Docker containers.



Multitenancy and horizontal scalability.



Plugin support and localization features.

A deeper acquaintance with Optimajet Workflowserver

Considering the mentioned features of Optimajet
WorkflowServer, getting familiar with the panel and
functionalities of this software will certainly be
intriguing. Below, we will briefly and broadly examine the
various sections of this software.

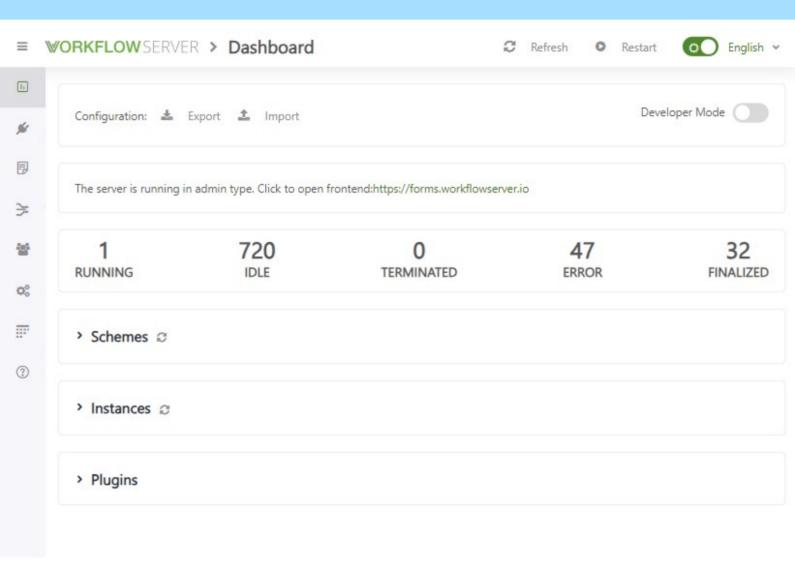
Tip:



By referring to software Optimajet Workflowserver github, it is possible to access various code samples and videos for more familiarity.

https://github.com/optimajet/workflowserver

Optimajet WorkflowServer provides developers and system administrators with a comprehensive dashboard to gain an overview of the performance and status of running processes, processes facing errors, and more.



Additionally, it allows the creation of new schema instances and the management of system plugins in this section.

Using the APIs offered by Optimajet WorkflowServer, you can virtually manage all activities that are visually presented in the system panel. You can also view addresses, parameters, and even execute and test these APIs.

Instance

Create instance

Get instances

Get instance information

Set instance parameter

Get instance parameter

Get available commands

Command execution

Get available states to set

Set State

Resume

Check for a process existence

Single instance scheme update

Multiple instance scheme

update

Single instance deletion

Multiple instance deletion

Scheme

Get scheme model

Get scheme codes

Folders

Inbox folder

Outbox folder

Inbox folder recalc

Logs

Info log

Error log

Debug log

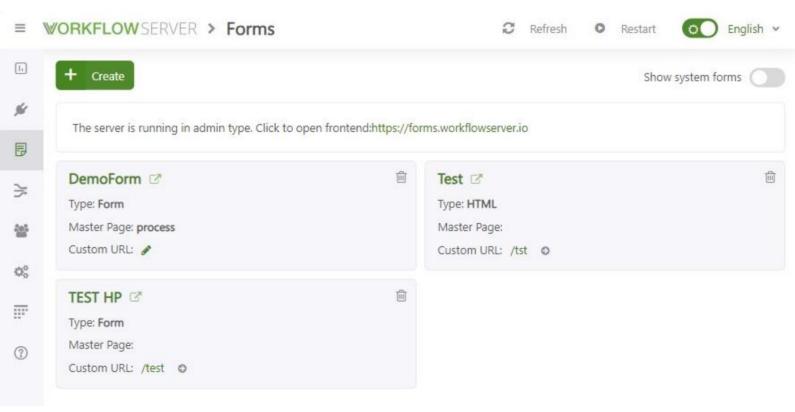
Server

Start processes and timers

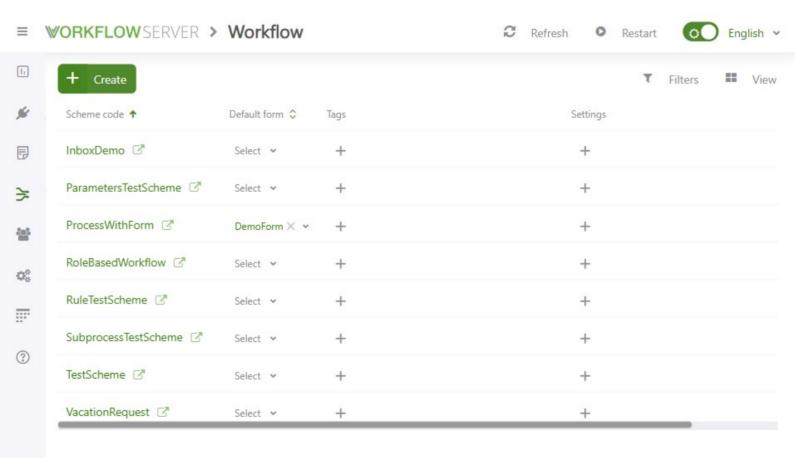
Stop processes and timers

Check for a server started

One of Optimajet WorkflowServer remarkable and interesting features is the form builder tool, which makes working with it extremely simple. It enables the definition of URLs and validations on each field of a form.

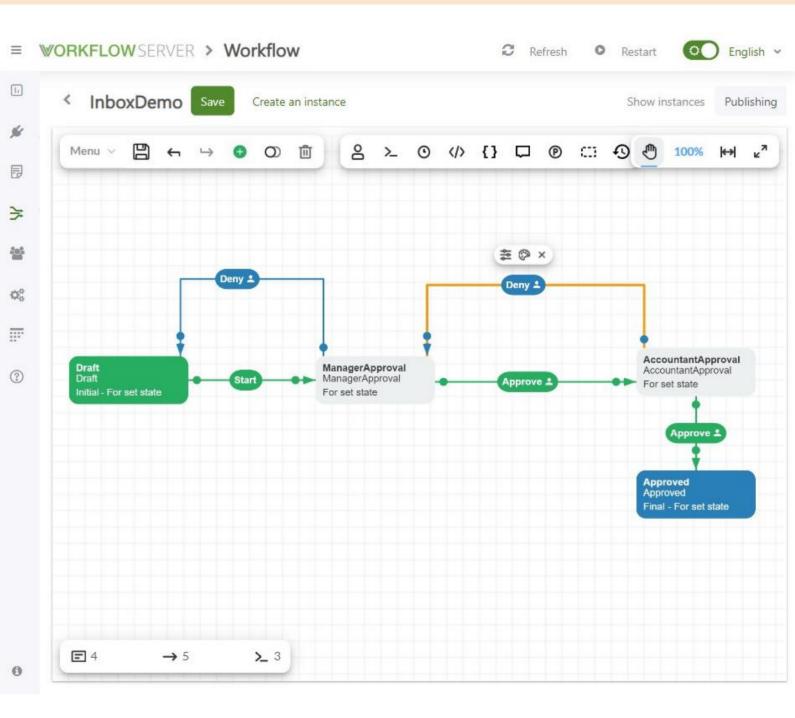


In general, having a simple form builder is one of the strengths of a workflow engine, and WorkflowServer incorporates this feature. The core part of the Optimajet WorkflowServer system is the creation of workflows. Users, programmers, and administrators can easily create various workflows using the built-in tools in this section, such as adding activities, establishing connections between activities, diverse components, and more.



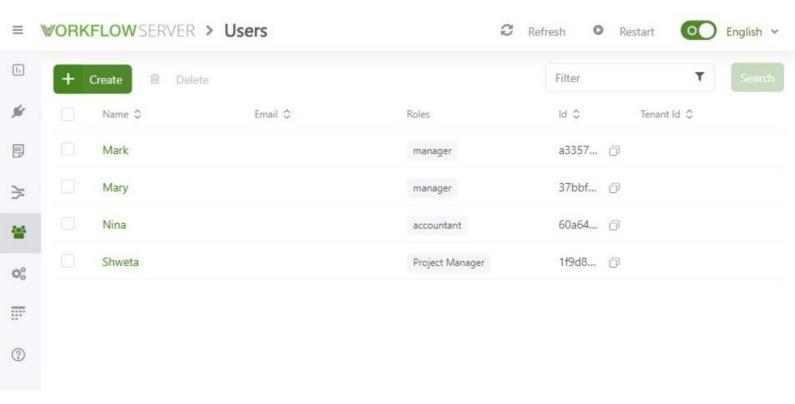


An example of the workflow design environment in Optimajet WorkflowServer

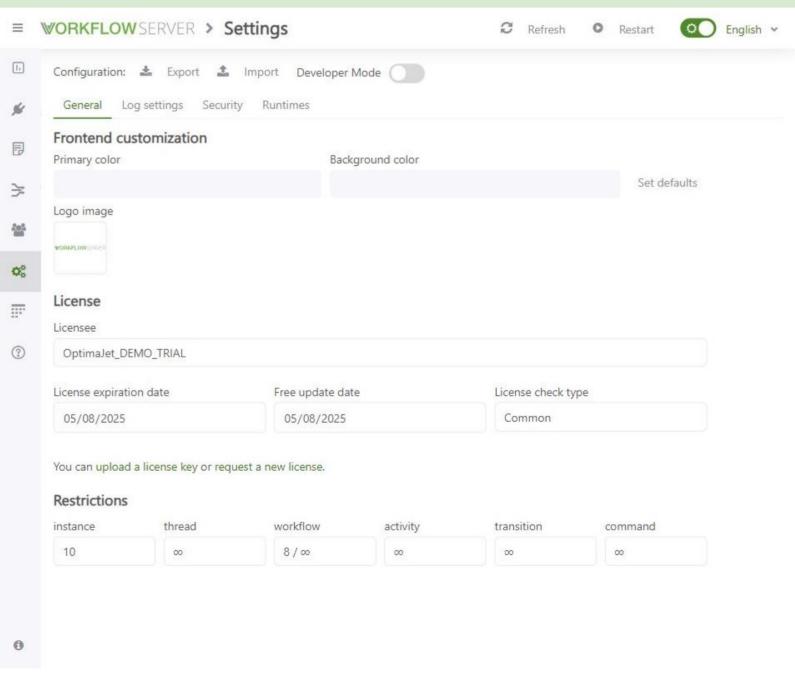


https://demo.workflowserver.io/?apanel=workflow&aid=InboxDemo

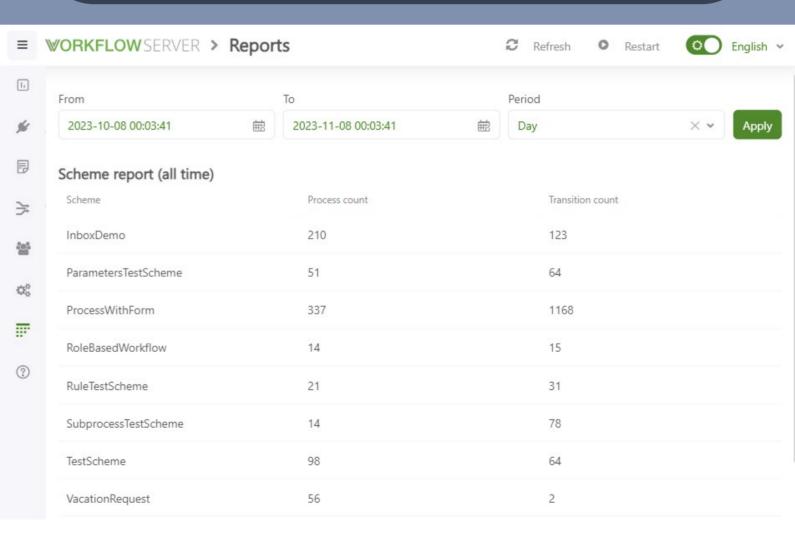
Defining users and determining their access levels is essential for a workflow engine. This feature is integrated into the Users section of the WorkflowServer software, allowing for easy and quick user definition and role assignment.



As a user, you need to set your account's logo, information, and some settings related to the visual aspects. This can be done by visiting the Settings section of Optimajet WorkflowServer.



After defining processes, users, and executing these processes, you will need comprehensive reports on events and system status. The Reports section in WorkflowServer allows you to filter and display information in the system in a segregated manner.



Some common questions and answers about workflow

1- What is the primary goal or objective of workflow?

The primary goal of a workflow is to streamline and optimize a series of tasks or processes to achieve specific objectives efficiently.

2- Who are the key stakeholders involved in workflow?

Key stakeholders involved in a workflow typically include employees, managers, clients, and any relevant parties who participate in or oversee the workflow.

3- What are the key steps or stages in the workflow?

The key steps or stages in a workflow often encompass planning, execution, monitoring, and evaluation to ensure the smooth progression of tasks.

4- How is information or data shared within the workflow?

Information or data is commonly shared within a workflow through communication tools, digital platforms, emails, documents, and collaborative software to facilitate effective collaboration and information flow.

5- Is Docker container support available for Workflow Engine and Workflow Server?

Yes, Docker container support available for Workflow Engine and Workflow Server.

Some common questions and answers about workflow

6- Are there benchmarks or load test results for software that use Optimajet Workflowengine?

Yes, check out this link: https://workflowengine.io/blog/workflow-performance/

7- How can Workflow Server be extended or customized?

Key stakeholders involved in a workflow typically include employees, managers, clients, and any relevant parties who participate in or oversee the workflow.

8- What are some available sample applications for Workflow Engine? (At least 2 items)

The key steps or stages in a workflow often encompass planning, execution, monitoring, and evaluation to ensure the smooth progression of tasks.

9- How can users and roles be managed in the workflow schemes?

Information or data is commonly shared within a workflow through communication tools, digital platforms, emails, documents, and collaborative software to facilitate effective collaboration and information flow.

WORKFLOW SERVER

Ultimately, one of the most effective ways to become acquainted with various tools, including WorkflowServer software, is to give it a try. Visit the Optimajet WorkflowServer website at your earliest convenience and experience its features firsthand.



https://workflowserver.io

Close();

