

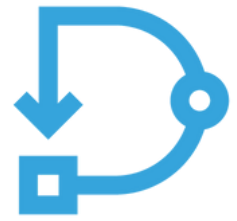


# direktiv

**Accelerate Digital Transformation,  
Simplify Business Logic**

Turning microservices into business logic

# Direktiv



## Direktiv is a platform-agnostic, cloud native, event-driven serverless workflow engine.

Direktiv is a workflow solution, an automation engine and an integration platform — all in one. It supports complex business workflows or simple scheduled tasks without the need to re-skill or re-code your IT organization's DevOps.

Direktiv delivers digital transformation at speed, removes the single-platform risk and leverages your current investment in DevOps!

### Event-driven Business Logic



Direktiv reacts to events within the environment. As the state changes within your environment, Direktiv adjusts and executes accordingly.

### Connect SaaS Services



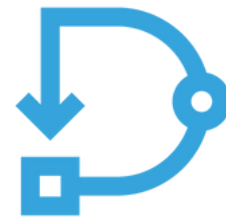
Portable across any platform and service. Direktiv ensures workflows are truly immutable without the need to re-code or re-package and reduces the risk of vendor dependency.

### Serverless Processing



All Direktiv components run serverless and ephemeral. Direktiv is Knative and consumes only resources when workflows run — saving resources and cost.

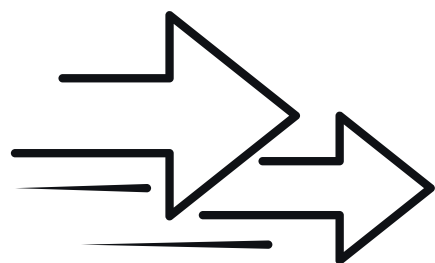
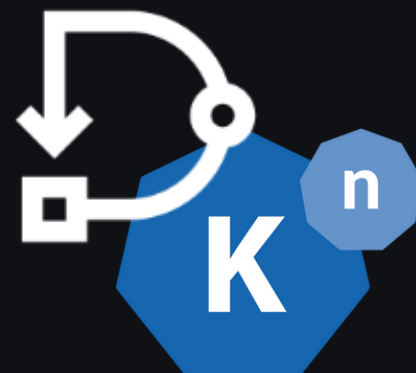
# Speed up your digital transformation



## Reduce the risk of transformation

Become platform and service agnostic

Direktiv is completely cloud or service agnostic — it can run anywhere and can use any service. Organizations can leverage the flexibility of the public cloud, the security of on-premise hosted platforms, or the ability to integrate the services and products of SaaS environments.



## Increase your speed of transformation

Decouple the workflow from the plugins

Direktiv runs all plugins and extensions as containers. Your DevOps team can use their preferred language, their current CI/CD platform and their current skills to develop and expand on the Direktiv footprint. It speeds up the integration of Direktiv into your environment while reducing the need for costly re-skilling or re-tooling.

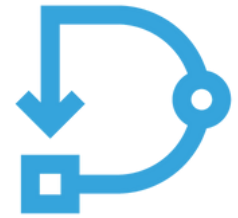
## Minimize the cost of transformation

Reuse your technology, processes and people

Direktiv does not require your developers to learn a new language or development practice to extend the capability of the solution. It supports all coding languages, plugins, versions or components. If it runs in your current environment, it can run as an extension to Direktiv! No re-tooling, re-skilling or process re-engineering!

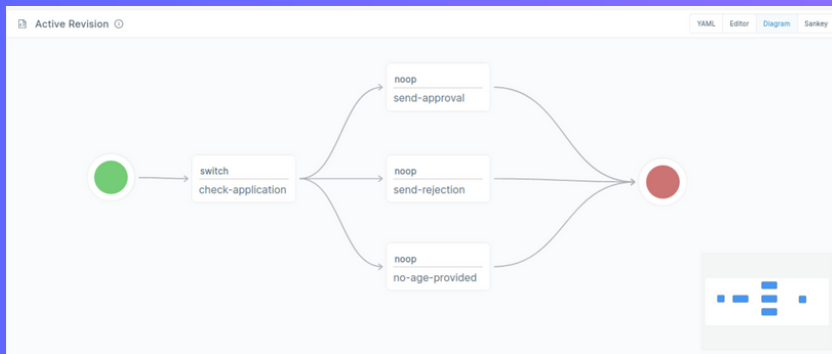
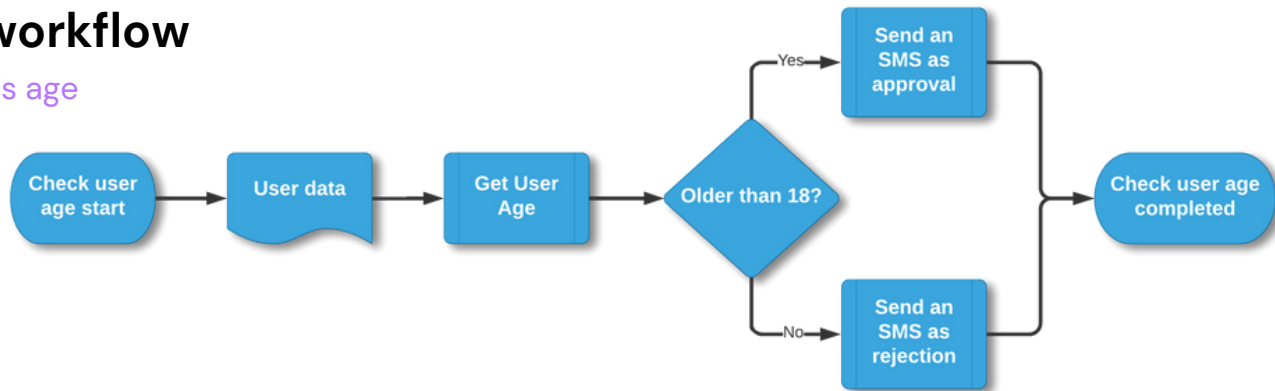


# Direktiv: simple steps



## A simple workflow

Verifying a user's age



## Converted to Direktiv

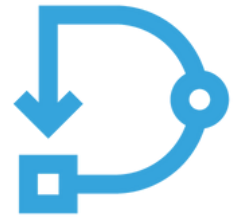
Easy to visualize and describe using simple YAML

## Running containers

From any container repository



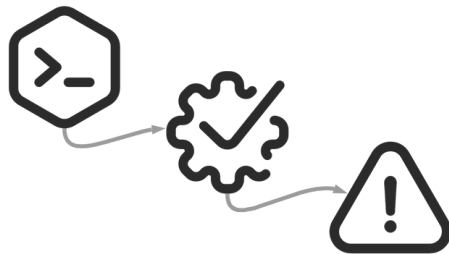
# Direktiv: built for enterprise



## Policy-based controls

For users, workflows, actions and plugins

Using Open Policy Agent, give administrators or workflow owners the ability to control every aspect of the workflows and the engine. Runtime schedules, container restrictions, policy execution schedule, ownership and control.



## Error handling

For users, developers, and administrators

Built in error handling, retries and graceful failure for the workflows as well as the containers running the custom code ensures users are always aware of the workflow state.

## Runtime insights

Using the latest OpenTelemetry

Implementing the OpenTelemetry standard within Direktiv allows fine-grained and atomic insight into the workflow engine, executions statistics, auditing and logging. It also allows for external integration into your preferred solution!

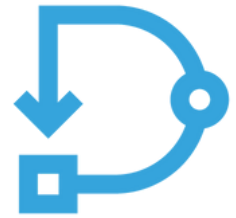


## Scale and manage

Auto-scaling & highly available using Kubernetes

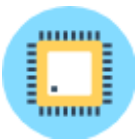
Ensuring that resources for the execution of the workflow and the subsequent integrations and containers is always available on demand — leveraging the power of Kubernetes and Knative.

# Direktiv: use cases



## Across all industries, verticals and businesses

Leverage the power of your in-house developers, processes and technology to extend your integrations across any platform, cloud or service offering



### Business workflows (ITSM)

Integration between business systems which require custom SDKs for integration. This can include ITSM integration to CRM systems for automated CI item updates based on events generated in either system. The applications can be self-hosted, cloud or SaaS-based — Direktiv functions as a cloud and platform-agnostic integration and workflow system.



### Batch processing (IT Administrators)

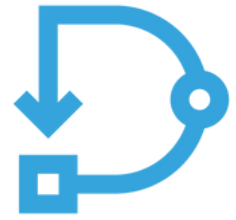
Direktiv can coordinate and process scheduled workflows or batch jobs to support an IT administrator's environmental health checks or more complex data analysis batch jobs. Direktiv removes the need for multiple schedules and centralizes the execution, management, and tracking. It standardizes the execution scripts using containers and allows for a single CI/CD process.



### Micro-services (Developers)

At its most fundamental level, Direktiv runs containers which can be sequenced and orchestrated to support a microservice architecture. Simple use cases in which disparate microservice containers are used for processing stateful or stateless data based on a predefined workflow can be implemented based on the current containerised microservices and a very simple workflow specification.

# About Direktiv



## Open-source Direktiv

Community supported, without limitations

## Enterprise Direktiv

Built for enterprise and production features

## Open-source

### Direktiv workflow engine

Engine is open-source and can be deployed within any environment platform

### Plugins

Plugins are open-source, governed and maintained under open-source license initiative

### Graphical user interface

Distributed under an open-source license as well, functionality is not restricted

### Support

Community supported

## Enterprise

### Open-source +

Support from Direktiv.io (24x7 Critical Support), or

Support from Direktiv.io (8x5 Business Support)

Policy-based control mechanisms:

- Time-based scheduling and control
- Access, authorization and control
- Atomic workflow component restrictions

OpenTelemetry insights:

- Performance metrics
- Logging and auditing
- Tracing and analytics



[Direktiv GitHub](#)



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