

M I C R O N A U T<sup>®</sup>



Google Cloud

## MIGRATE TO GOOGLE CLOUD PLATFORM WITH CONFIDENCE USING THE MICRONAUT<sup>®</sup> FRAMEWORK'S CLOUD-NATIVE FEATURES

Leverage the combined power of the Micronaut framework and Google Cloud Platform to build and deploy lightning-fast, ultra-lightweight microservices and serverless applications at scale.

The Micronaut framework's built-in GCP support includes service discovery, shared configuration, distributed tracing, cloud instance metadata, and more.

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## THE BUSINESS SOLUTION OF THE FUTURE

In today's technical environment, your ability to effectively respond to business demands may rely upon transforming the individual components of your legacy, monolithic applications into microservice architectures.

Building and deploying microservices and serverless applications using the Micronaut framework enables extraordinary benefits over other frameworks, including:

### BLAZING-FAST STARTUP TIME

Unlike applications built with reflection-based IoC frameworks, which load and cache reflection data for every single field, method, and constructor in your code, Micronaut application startup times are not bound to the size of your codebase.

### OPTIMIZED DEVELOPER PRODUCTIVITY

The Micronaut framework is a modern developer toolkit, inspired by and inclusive of the many developer-productivity traits inherent in the Grails<sup>®</sup> framework and other Spring-based technologies, including dependency injection, AOP, configuration management, and more.

### FAST AND EASY TESTING

Easily spin up servers and clients in your unit tests and run them instantaneously.

### DRAMATICALLY REDUCED MEMORY CONSUMPTION

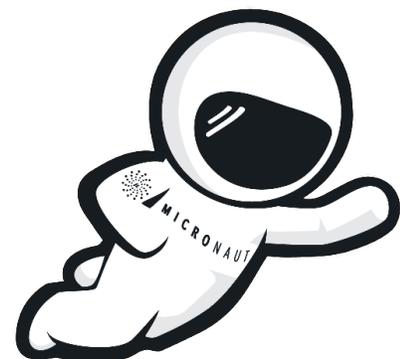
The Micronaut framework empowers you to declaratively build reactive HTTP clients that are implemented at compile-time, significantly reducing memory consumption.

### SEAMLESS API VISIBILITY

With its smooth learning curve and non-blocking HTTP server built on Netty, the Micronaut framework effortlessly exposes APIs that may be consumed by HTTP clients.

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**BY DESIGN, THE MICRONAUT FRAMEWORK IS "NATIVELY CLOUD-NATIVE," MAKING IT THE IDEAL COMPLEMENT TO GOOGLE CLOUD PLATFORM'S INFRASTRUCTURE AND SERVICES.**



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