

# OBJECT COMPUTING

HOME TO THE THE GRAILS® AND MICRONAUT® FRAMEWORKS

## 2GM Town Hall Meeting

### Panelists:

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Sergio del Amo Caballero, Jeff  
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# Agenda

- Introductions
- 2GM Community Updates
- State of Micronaut
- Foundation Updates
- State of Grails
- Foundation Updates
- Community Q&A



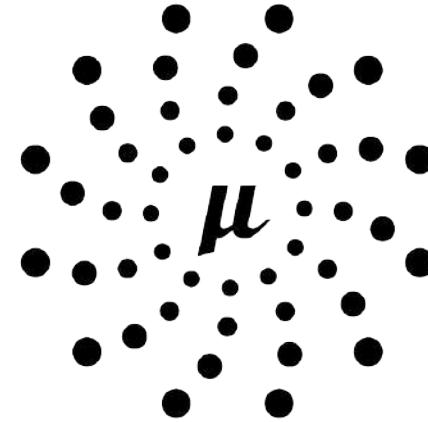
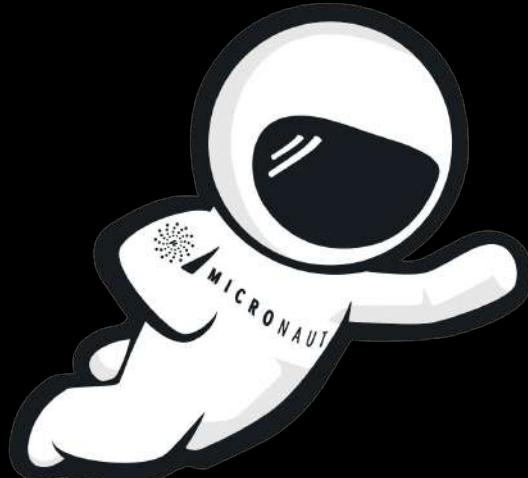
# Community Updates

- Community Resource Page  
[micronaut.io/resources/community-support](https://micronaut.io/resources/community-support)
- Event Support Form  
[micronaut.io/resources/community-support/event-publication-request](https://micronaut.io/resources/community-support/event-publication-request)
- Brand Guidelines  
[micronaut.io/brand-guidelines](https://micronaut.io/brand-guidelines)



# Let's Talk Micronaut

- Micronaut Roadmap Update
- Recent Releases



M I C R O N A U T ®

# Micronaut Timeline



- 3.0.0 Released August 2021
  - Reactive Library Agnostic
    - Reactor is an implementation detail
  - Jakarta Inject
  - Annotation Inheritance
  - Bean Import
  - Bean Injection Improvements
    - Qualified by generics
    - Limit the exposed types
    - Qualifier annotation members
  - Many updates in other modules
    - Micronaut Security
    - Micronaut Data

# Micronaut Timeline



- 3.1.0 Coming Soon
  - Filter by regular expression
  - Stream a file directly to an output stream
  - Random port binding improvements
  - Multiple server support
  - Primitive beans
  - Configurable Json Factory
  - Kotlin coroutine context improvements

# Community Involvement



Micronaut has many contributors across organizations and individuals. Some repositories are community driven.

- Almost 400 unique contributors to the core repository alone
- 5k stars on GitHub
- Over 2100 people in our Gitter community
- Over 1100 questions in stackoverflow

# Micronaut Launch



Over 65,000 applications created since the launch at the start of May 2020!



MICRONAUT<sup>®</sup>  
LAUNCH

**Application Type** Micronaut Application **Java Version** 11 **Base Package** com.example **Name** demo

**Micronaut Version**  2.5.4  2.5.5-SNAPSHOT **Language**  Java  Groovy  Kotlin **Build**  Gradle  Gradle Kotlin  Maven **Test Framework**  Junit  Spock  Kotest

**FEATURES** **DIFF** **PREVIEW** **GENERATE PROJECT**

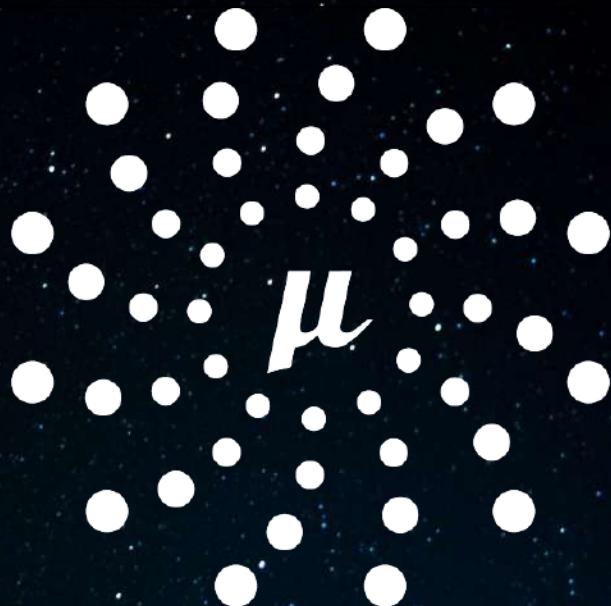
We have a new infrastructure for creating and updating our guides

- Generate projects now for Gradle/Maven and Java/Groovy/Kotlin
- Leverage Launch core libraries for creating projects
- Guides are upgraded automatically when a new Micronaut version is released
- <https://micronaut.io/2021/04/12/improving-the-micronaut-guides-infrastructure>
- <https://micronaut.io/guides/>

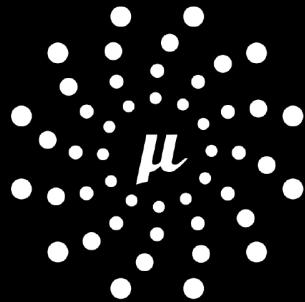
# What's Next?



- Native Kotlin compiler support
- Bean validation spec 2.0 support
- CDI support
- Build time Jackson alternative
- GraalVM improvements



# MICRONAUT FOUNDATION™



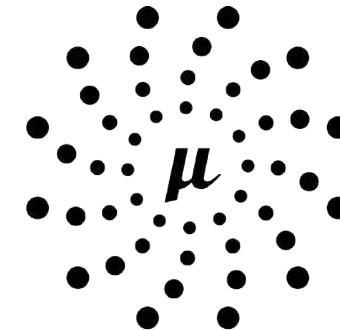
# MICRONAUT FOUNDATION™

- Micronaut Foundation is a not-for-profit organization that exists to support and collectively lead the open source Micronaut® project
- Micronaut Foundation is supported by a Technology Advisory Board that ensures the Framework continues to reflect and serve its diverse and growing user community
- Micronaut Foundation serves to:
  - Ensure technical innovation and advancement of Micronaut as a free and open public use software development framework for a growing global community
  - Evangelize and promote the Micronaut framework as a leading technology in the JVM space
  - Build and support an ecosystem of complementary documentation, functionality, and services.
- For more information on becoming a contributing member and for organizations interested in nominating a representative to the Micronaut Foundation Technical Advisory Board, please contact us at [foundation@micronaut.io](mailto:foundation@micronaut.io)

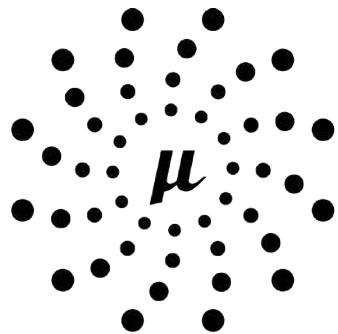
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- Corporate sponsorships
  - <https://micronaut.io/foundation/sponsorship.html>
- Community sponsorships
  - <https://micronaut.io/foundation/community-sponsorship.html>



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# Grails® framework Updates



- Grails 5 Update
- Release Timeline
- Recent Releases
- End Of Life Schedule
- Road Ahead

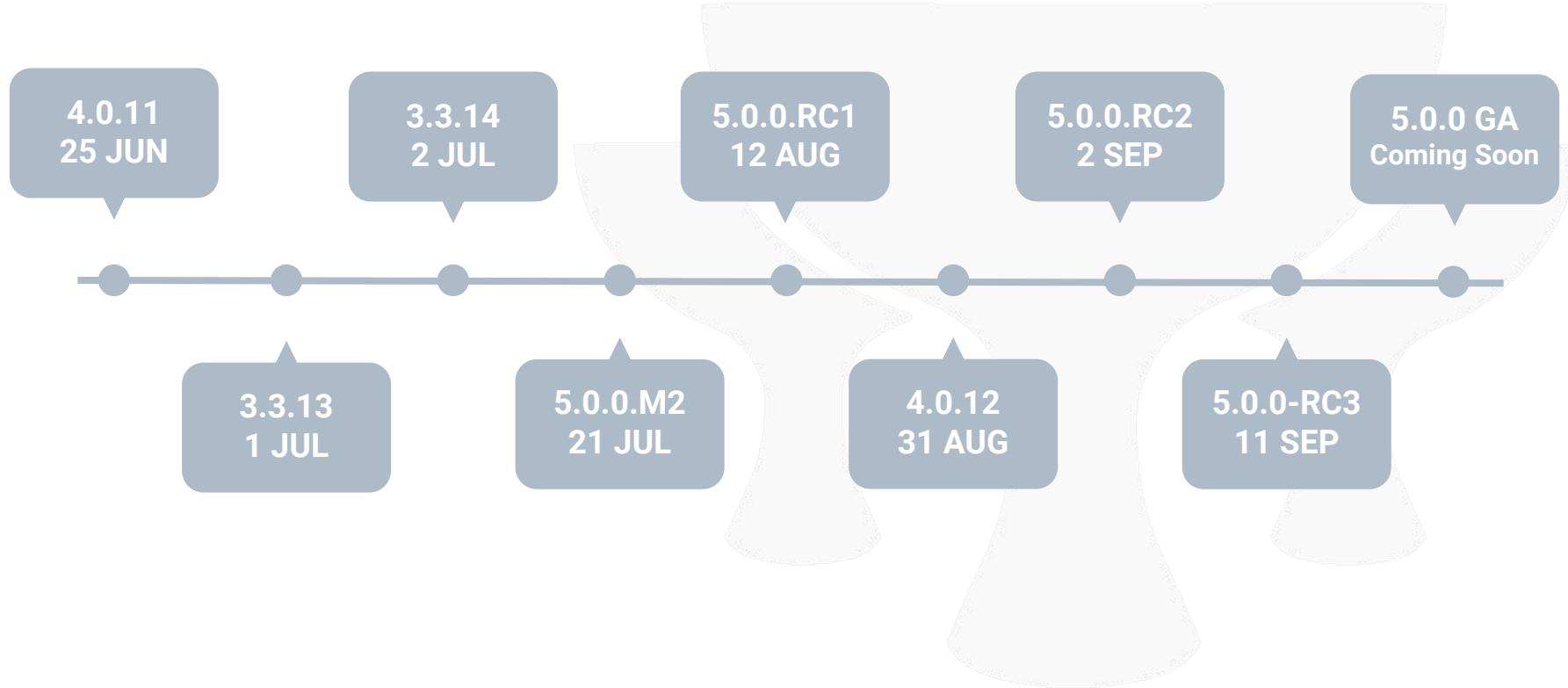


# Grails 5 Update

- Apache Groovy 3
- Micronaut 3
- Gradle 6.9
- Spring 5.3 and Spring Boot 2.5
- Spock 2.0
- Grails 5 GA will be released next week



# Grails - Release Timeline



# Grails - Recent Releases



- Grails 5.0.0-RC3
  - Micronaut 3
  - Configure Whitesource Renovate to update dependencies
  - Decouple Metadata from NavigableMap
  - Improvements to Grails Shell
- Grails 4.0.12
  - Removed “org.grails.grails-plugin-publish” from Grails plugin project.
  - GORM Hibernate 5 to 7.0.5



# Grails - Recent Releases



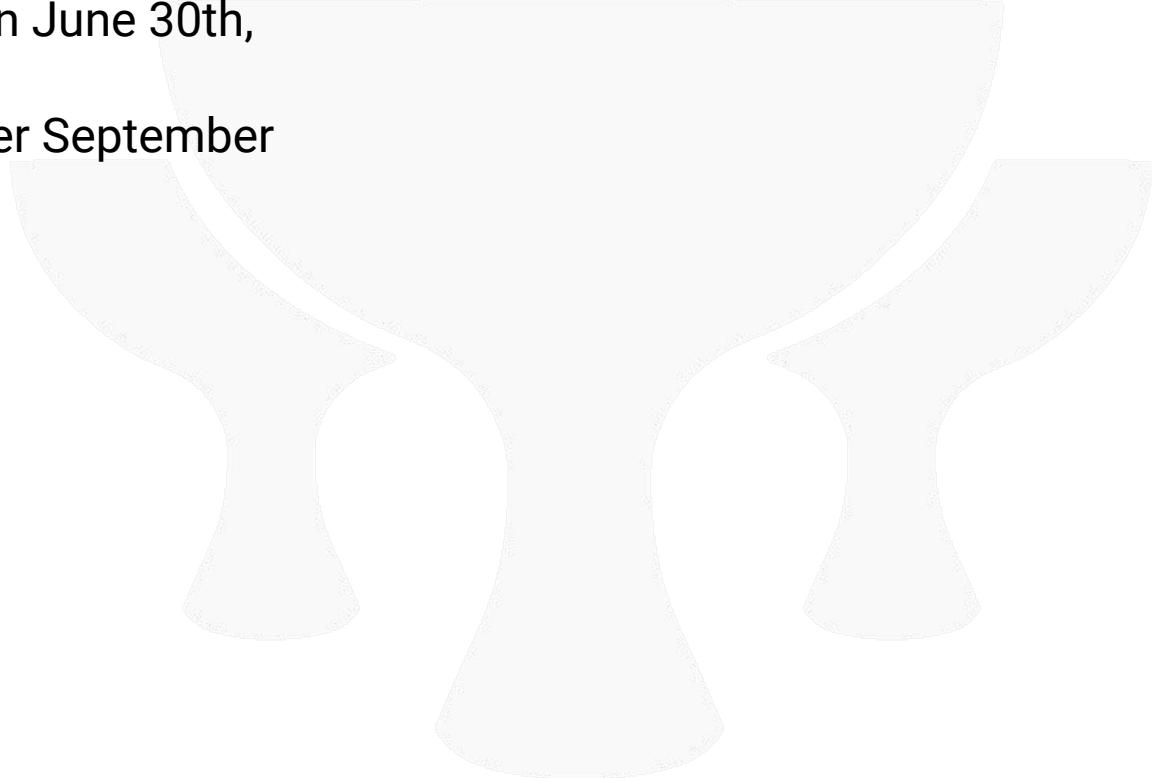
- Grails 3.3.14
  - Github workflow instead of Travis
  - Publish to Maven Central
  - Apache Groovy 2.4.21
  - Update grails-wrapper.jar



# Grails - End of Life (EOL) Schedule



- Grails 2 reached EOL on June 30th, 2021.
- Grails 3 will be EOL after September 30th, 2021.



# Grails...The Road Ahead



- Improvements to Grails CLI and Grails Guides.
- Making Grails GSP more modular and independent.
- Better integration with Micronaut is a major focus.
- Improvements to Grails documentation around the integration between Micronaut and Grails.

# GRAILS



# FOUNDATION™



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## Community Sponsors:

- JOHN UNDERWOOD
- TOBIAS KRAFT
- GREG SZABO
- MARK BERGER



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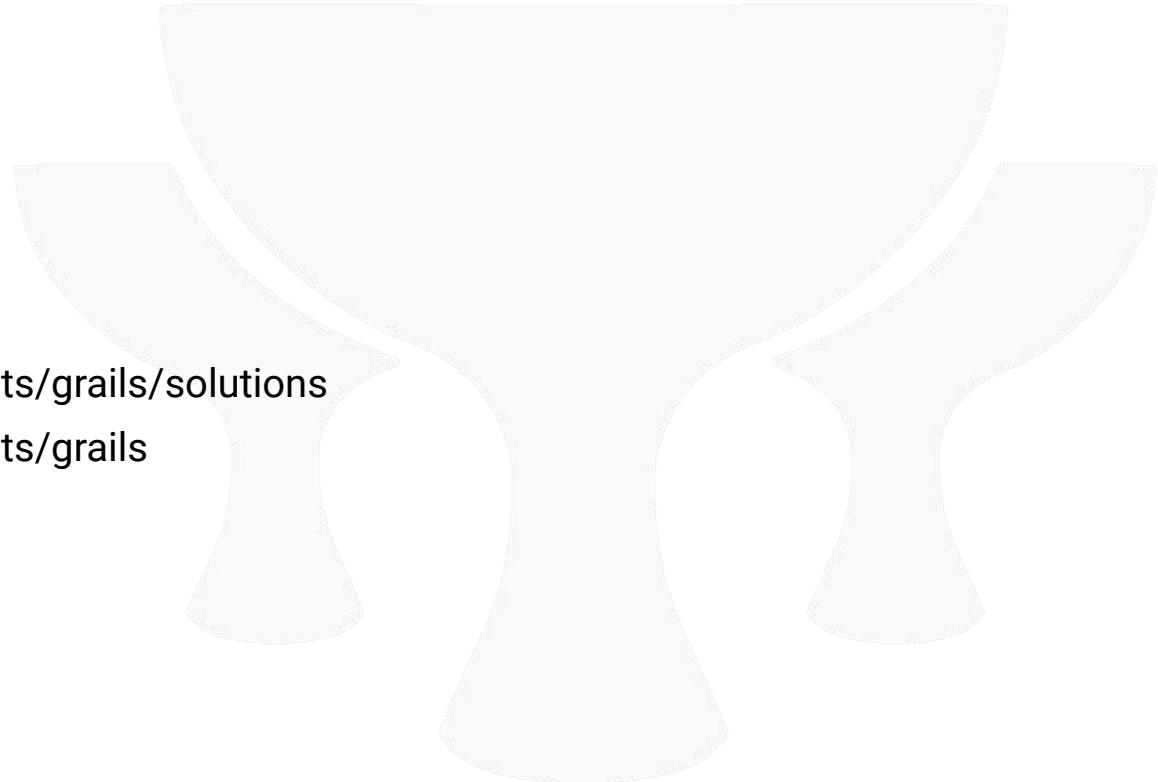


## MICRONAUT COMMUNITY RESOURCES

- [@micronautfw](https://twitter.com/micronautfw)
- [gitter.im/micronautfw](https://gitter.im/micronautfw)
- [micronaut.io/launch](https://micronaut.io/launch)
- [micronaut.io/docs](https://micronaut.io/docs)
- [micronaut.io/guides](https://micronaut.io/guides)
- [micronaut.io/blog](https://micronaut.io/blog)
- [micronaut.io/faq](https://micronaut.io/faq)
- [micronaut.io/foundation](https://micronaut.io/foundation)
- [github.com/micronaut-projects/micronaut-core](https://github.com/micronaut-projects/micronaut-core)
- [objectcomputing.com/products/micronaut/solutions](https://objectcomputing.com/products/micronaut/solutions)
- [objectcomputing.com/products/micronaut](https://objectcomputing.com/products/micronaut)
- [objectcomputing.com/resources/events](https://objectcomputing.com/resources/events)

## GRAILS & GROOVY COMMUNITY RESOURCES

- [@grailsframework](https://twitter.com/grailsframework)
- [Grails.org](https://Grails.org)
- [github.com/grails](https://github.com/grails)
- [Grails-slack.cfapps.io](https://Grails-slack.cfapps.io)
- [grails.org/blog/index.html](https://grails.org/blog/index.html)
- [grails.org/foundation](https://grails.org/foundation)
- [objectcomputing.com/products/grails/solutions](https://objectcomputing.com/products/grails/solutions)
- [objectcomputing.com/products/grails](https://objectcomputing.com/products/grails)
- [@ApacheGroovy](https://twitter.com/@ApacheGroovy)
- [groovy-lang.org](https://groovy-lang.org)
- [github.com/apache/groovy](https://github.com/apache/groovy)
- [groovy-community.slack.com](https://groovy-community.slack.com)
- [Apache.org](https://Apache.org)



# Upcoming Events Brought to you by the Micronaut and Grails Foundations:

- Micronaut Deep Dive Workshop from October 18-21, 2021  
Presented by Sergio del Amo Caballero

# Q&A



# THANK YOU! LET'S STAY CONNECTED

-  2GM@objectcomputing.com
-  @micronautfw
-  @grailsframework
-  @ApacheGroovy

