



OBJECT COMPUTING

HOME TO THE THE GRAILS® AND MICRONAUT® FRAMEWORKS

2GM Town Hall Meeting

Panelists:

James Kleeh, Puneet Behl,
Sergio del Amo Caballero, Jeff
Scott Brown, Tim Berglund, and
Jen Wiese





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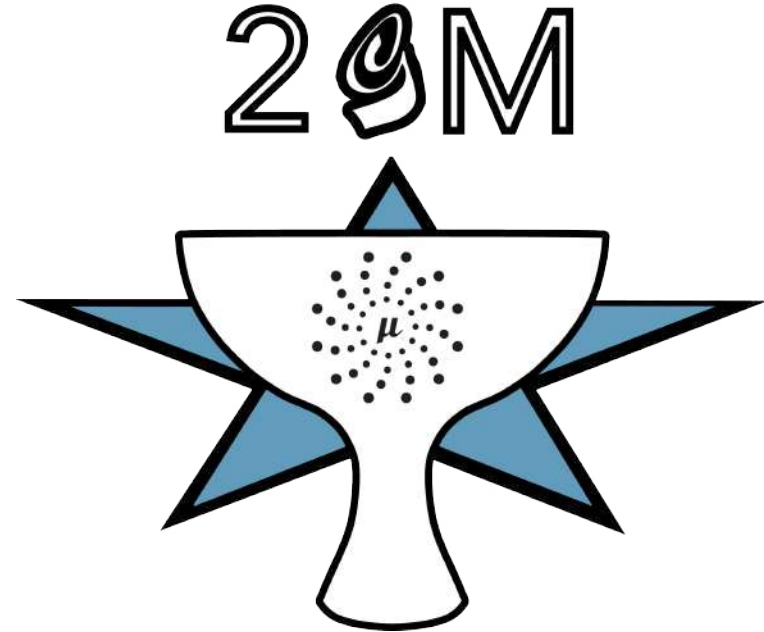
Agenda

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



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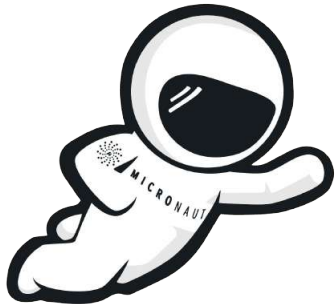
Community Updates



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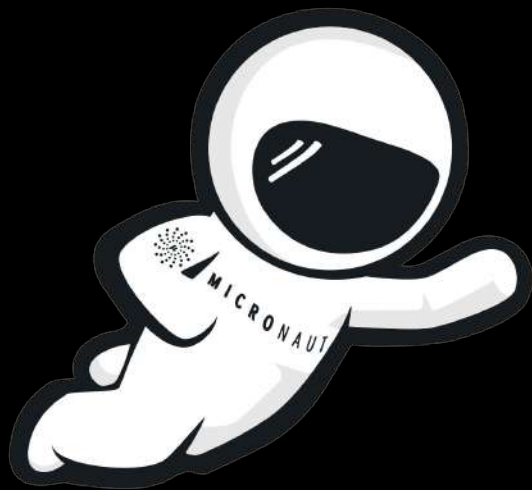
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- Community Resource Page
micronaut.io/resources/community-support
- Event Support Form
micronaut.io/resources/community-support/event-publication-request
- Brand Guidelines
micronaut.io/brand-guidelines



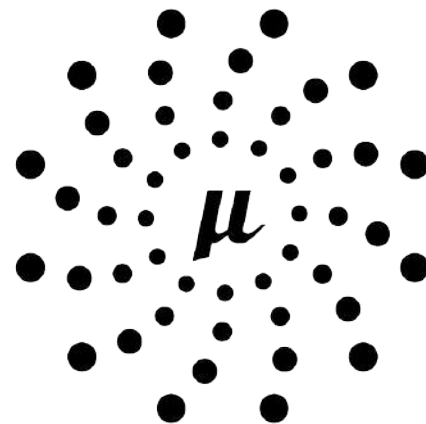
Let's Talk Micronaut

- Micronaut Roadmap Update
- Recent Releases



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M I C R O N A U T[®]

Micronaut Timeline



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- 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



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- 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



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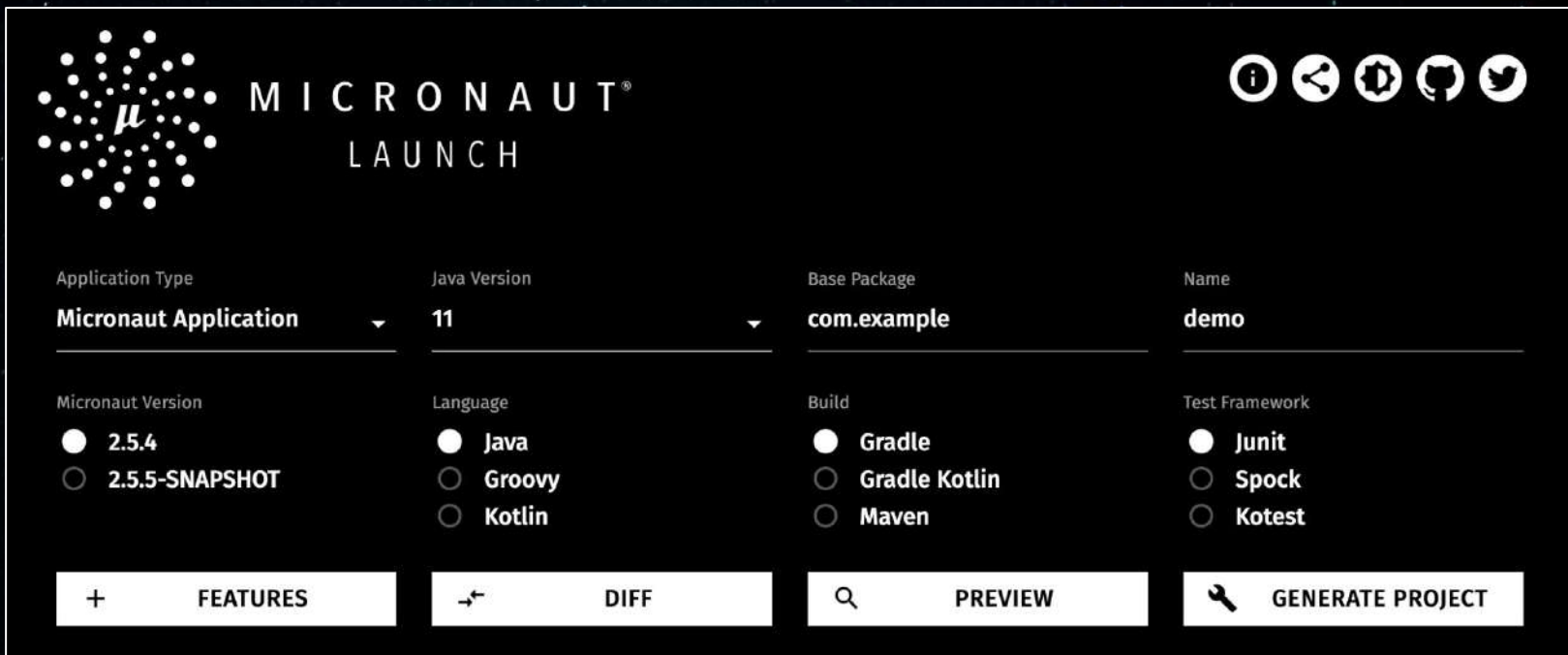
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Micronaut has many contributors across organizations and individuals. Some repositories are community driven.

- 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!



The screenshot shows the Micronaut Launch web interface. At the top left is the Micronaut logo (a cluster of dots with a Greek letter mu) and the text "MICRONAUT LAUNCH". At the top right are social media icons for GitHub, Docker, and Twitter. The main form has four columns of settings:

Application Type	Java Version	Base Package	Name
<input checked="" type="radio"/> Micronaut Application	<input checked="" type="radio"/> 11	<input checked="" type="radio"/> com.example	<input checked="" type="radio"/> demo

Micronaut Version	Language	Build	Test Framework
<input checked="" type="radio"/> 2.5.4	<input checked="" type="radio"/> Java	<input checked="" type="radio"/> Gradle	<input checked="" type="radio"/> Junit
<input type="radio"/> 2.5.5-SNAPSHOT	<input type="radio"/> Groovy	<input type="radio"/> Gradle Kotlin	<input type="radio"/> Spock
	<input type="radio"/> Kotlin	<input type="radio"/> Maven	<input type="radio"/> Kotest

At the bottom, there are four buttons: "+ FEATURES", "↔ DIFF", "🔍 PREVIEW", and "🔧 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?



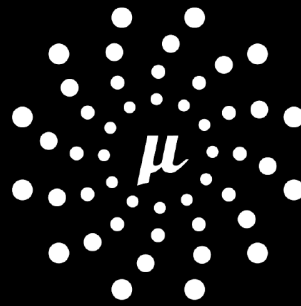
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- Native Kotlin compiler support
- Bean validation spec 2.0 support
- CDI support
- Build time Jackson alternative
- GraalVM improvements



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M I C R O N A U T F O U N D A T I O N TM

- 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

Micronaut Foundation Sponsorship

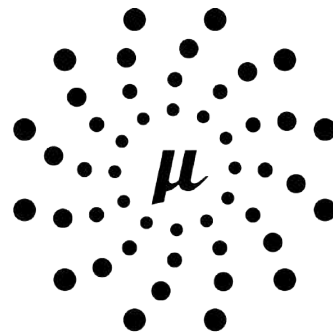
As a not-for-profit organization, the Micronaut Foundation relies on the financial support from our amazing community of generous sponsors.

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



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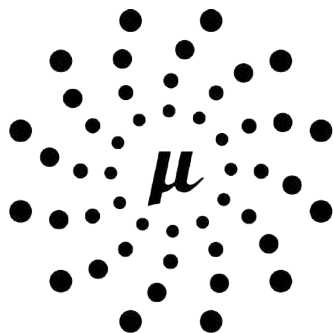


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Grails® framework Updates



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



Grails 5 Update



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- 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

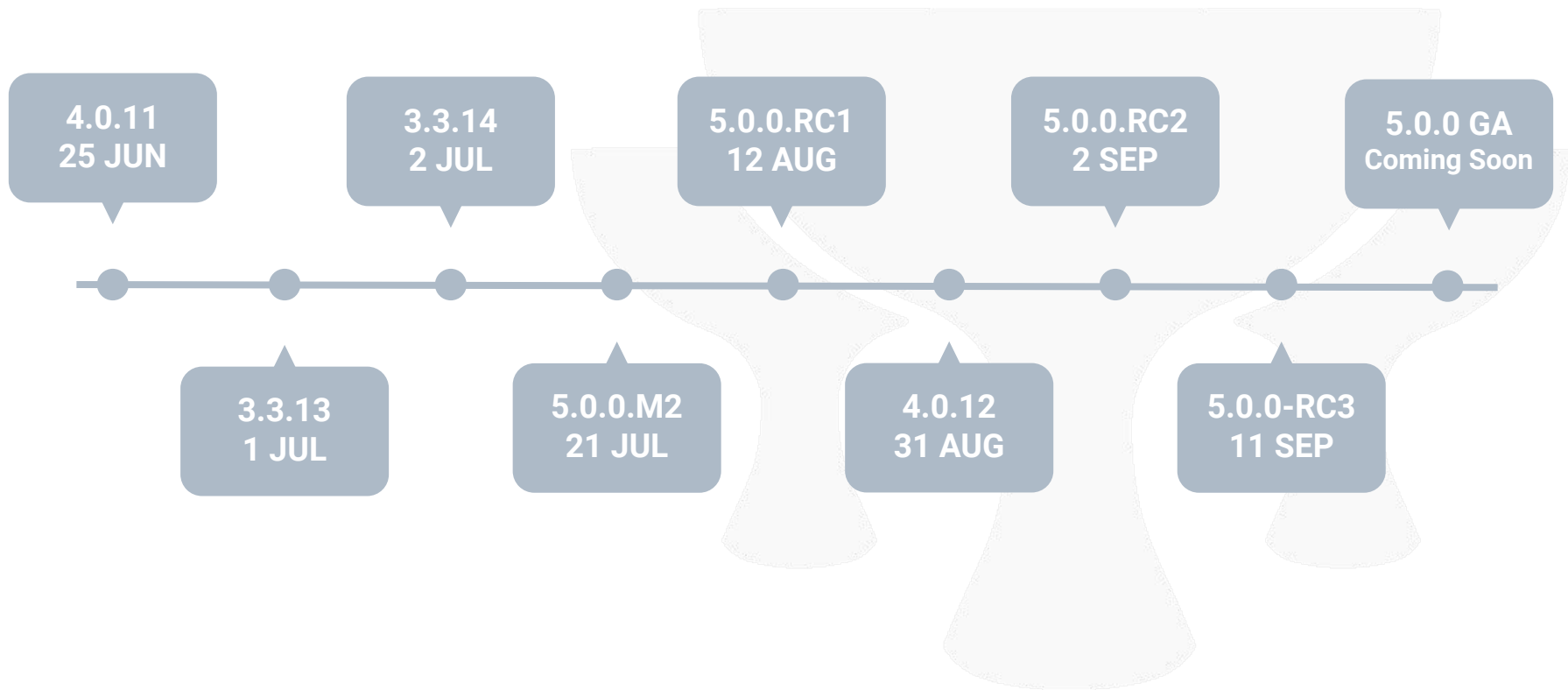


Grails - Release Timeline



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Grails - Recent Releases



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- 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



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



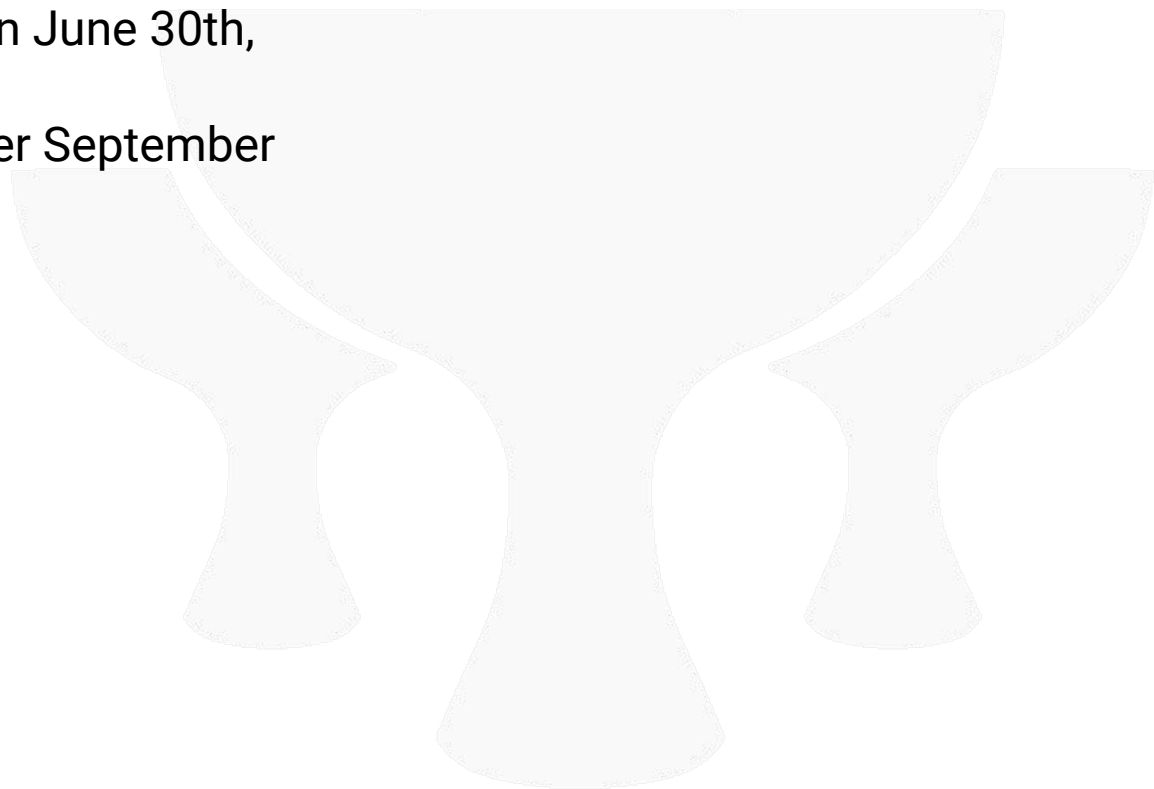
Grails - End of Life (EOL) Schedule



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



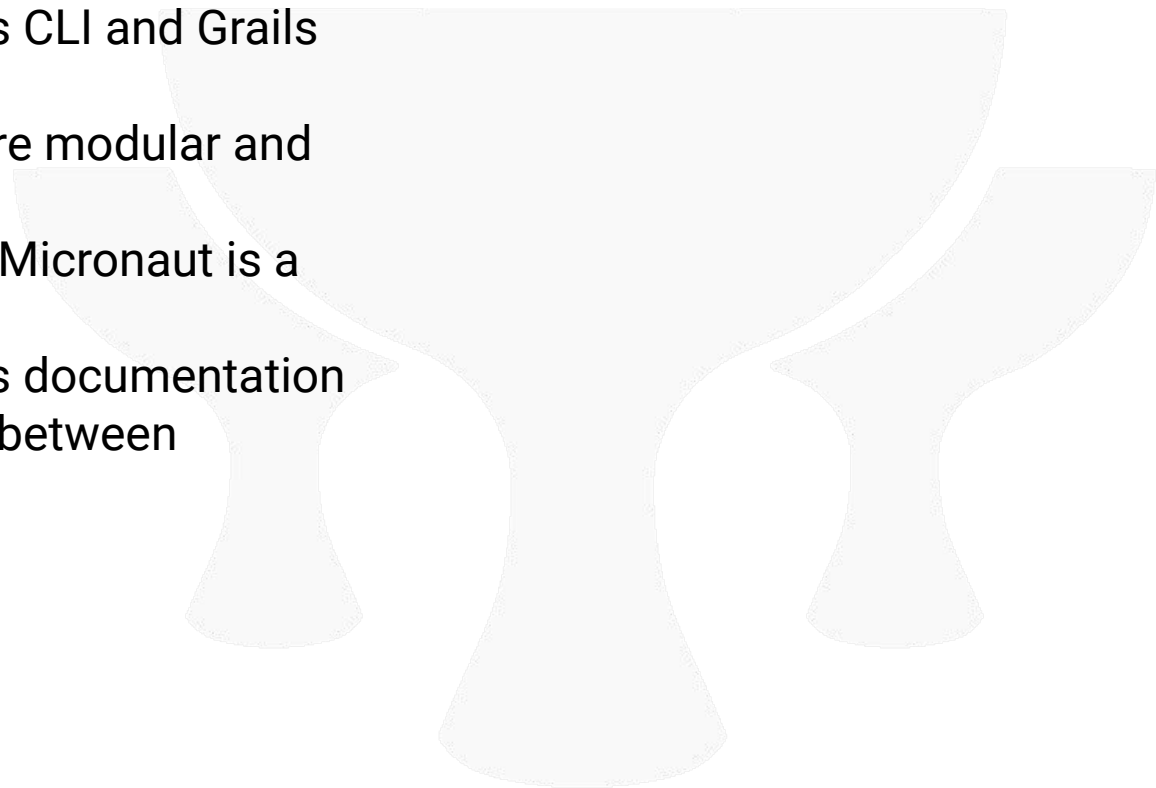
Grails...The Road Ahead



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- 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.





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Grails Foundation Sponsorships

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 - <https://grails.org/foundation/sponsors/hip.html#corporate>
- Community Sponsorships
 - <https://grails.org/foundation/sponsors/hip.html#community>



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- **TOBIAS KRAFT**
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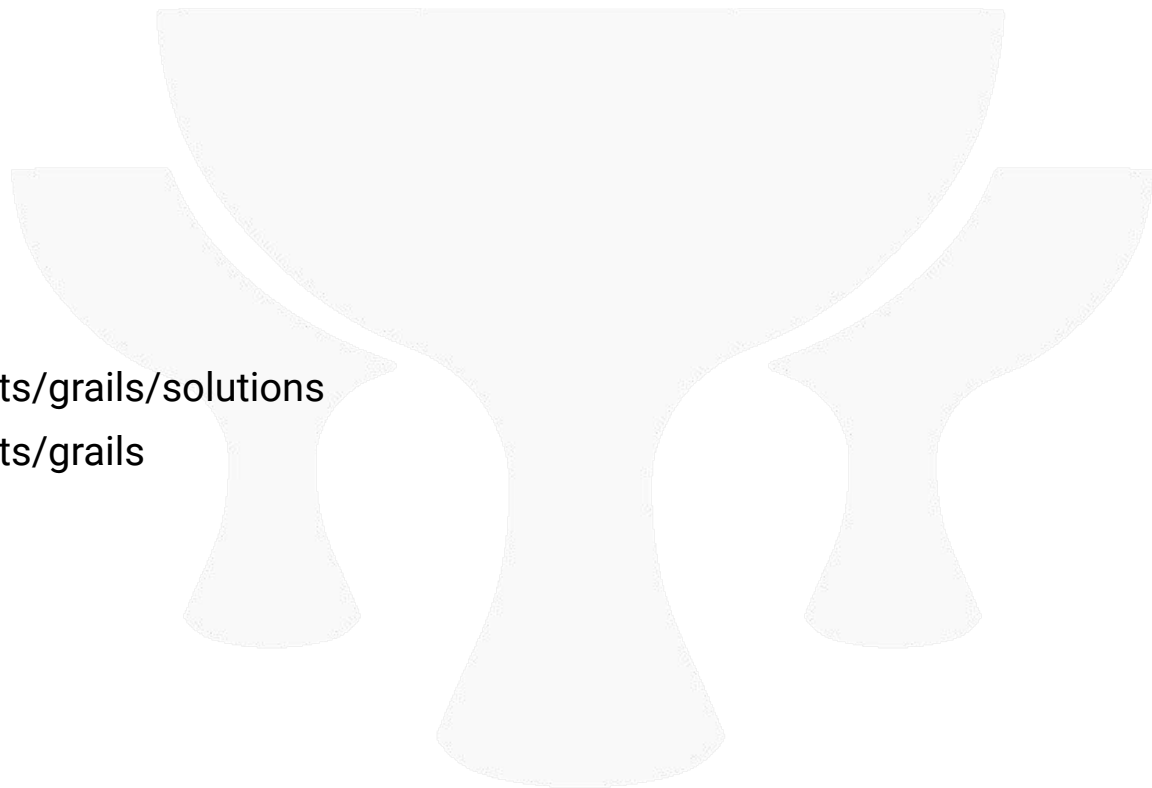
MICRONAUT COMMUNITY RESOURCES

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



GRAILS & GROOVY COMMUNITY RESOURCES

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

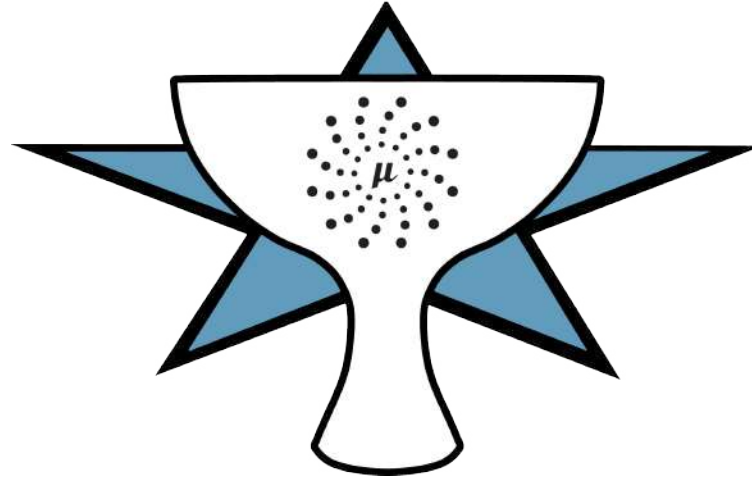
Q&A



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THANK YOU! LET'S STAY CONNECTED



2GM@objectcomputing.com



@micronautfw



@grailsframework



@ApacheGroovy

