



**adaptTo()**

APACHE SLING & FRIENDS TECH MEETUP  
10-12 SEPTEMBER 2018

**Toughday 2**  
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- Old Toughday was running with JMeter
- 😞 Maintaining and customizing XMLs
- Started as an internship program in 2015
- Given our background, we wanted code

# What is ToughDay2?

- Multithreaded Java Testing framework for:  
Performance/Longevity/Stress Testing.

# What makes it stand out?

- Tests as code
  - Versionable
  - Modularization
- Take advantage of the full power of Java clients/libraries
- Easy customization
  - Extendable (Tests, Runners, Publishers, Clients)
  - Convention + Configuration = Happy clients

# What makes it stand out?

- Pipeline integration
  - “*Do one thing and do it well*” – Unix
  - Single JAR deployment
- Emphasis on performance
  - Multithreaded
  - Your resources are belong to us!
- Open source

# What it doesn't want to do

- Reporting
  - Basic stats
  - No eye candy
- Provisioning
- Clean up
  - At least in AEM's case ☹️

# How does it compare to other tools?

	ToughDay2	JMeter	Locust	Gatling
Test as code	Java		Python	Scala
Granular benchmarking				
Custom Reports				
Resource Usage			[1]	
Distributed				
Native clustering				
Browser Support	In development			

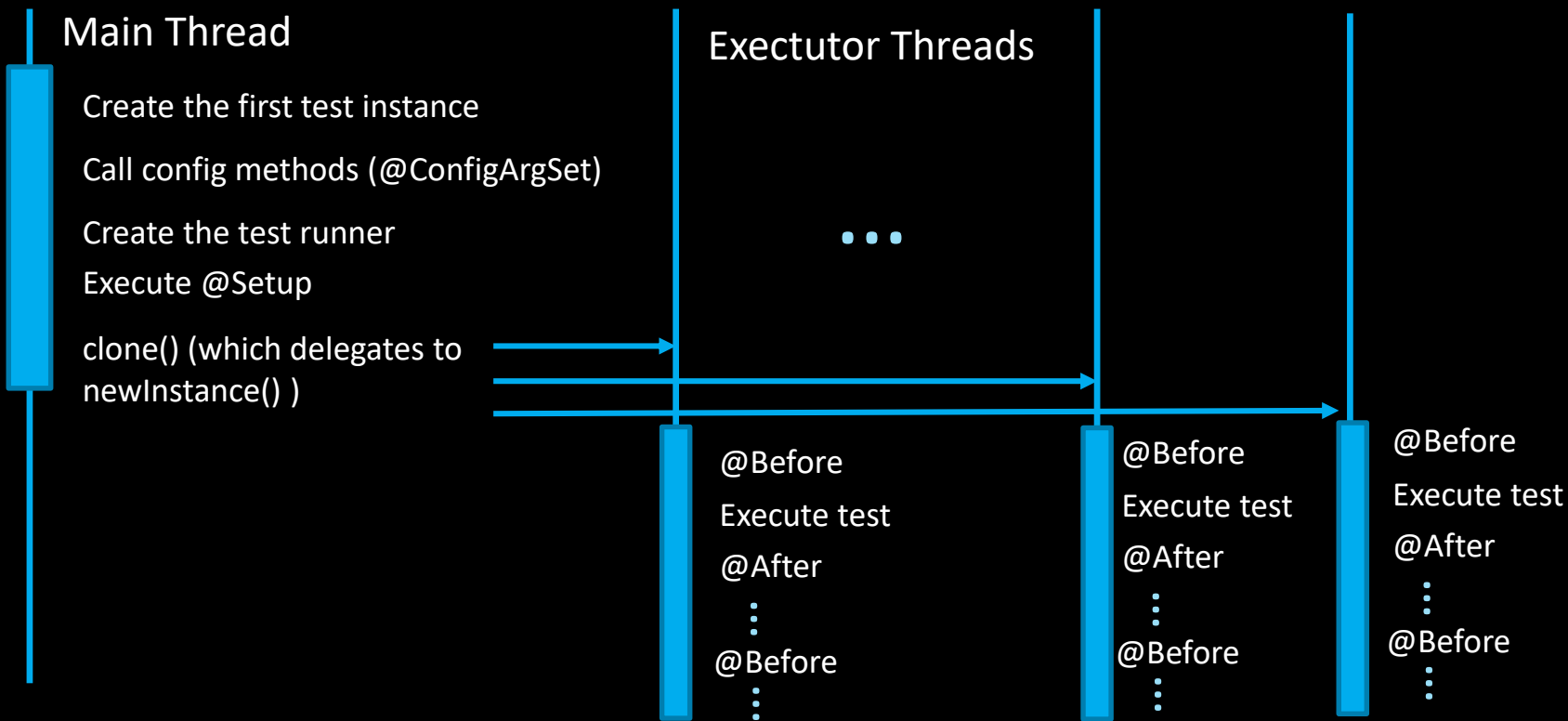


## Live Demo

<https://github.com/andreituicu/AdaptTo2018-ToughDay2-Sling>



# Tests Lifecycle



# But wait, there's more!

- Feeders
  - Test communication
  - Assets ingestion
- Headless browser support
- Phases

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# Q&A

