

# Adopt a JSR



- The program is evolving and growing
- Mailing lists members
  - Members (English): 218
  - Deutsch: 17
  - Portugues: 146
- Participants are “getting it”
  - Less “explaining”, works picks up pace
  - more independent interaction
  - activities that are more interesting to participants
  - more engagement with general developers



# Adopt a JSR – Brazil

Material prepared by  
**Fabio Velloso**  
and the  
**Adopt-a-JSR** teams of several JUGs

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**SouJava**

**SOuJava**  
sociedade de usuários java

# Adopt-a-JSR in Brazil



- Mailing List: 146
- bi-weekly webex meeting
  - around 5-10 people in each call
- lots of advocacy activities
  - what JUGs are great at!
  - talks, articles, discussions, explaining
- Focusing on activities that are more interactive and exciting for developers
  - not everything is specific about the JCP, but its the focus
- Trying to reach companies and government
- Multi-JUG effort: working together continuously

# Articles



- JAX-RS 2.0 Jersey Client API
  - [www.guava.org/2014/03/jax-rs-20-jersey-client-api-adoptajsr.html](http://www.guava.org/2014/03/jax-rs-20-jersey-client-api-adoptajsr.html)
- Como funciona o Java Community Process (JCP) e como contribuir? (Português)
  - [www.guava.org/2014/03/como-funciona-o-java-community-process.html](http://www.guava.org/2014/03/como-funciona-o-java-community-process.html)
- How the Java Community Process (JCP) works and how to contribute?
  - [www.ivanjunckes.com/2014/03/how-jcp-works-and-how-to-contribute.html](http://www.ivanjunckes.com/2014/03/how-jcp-works-and-how-to-contribute.html)

# Adopt a JSR



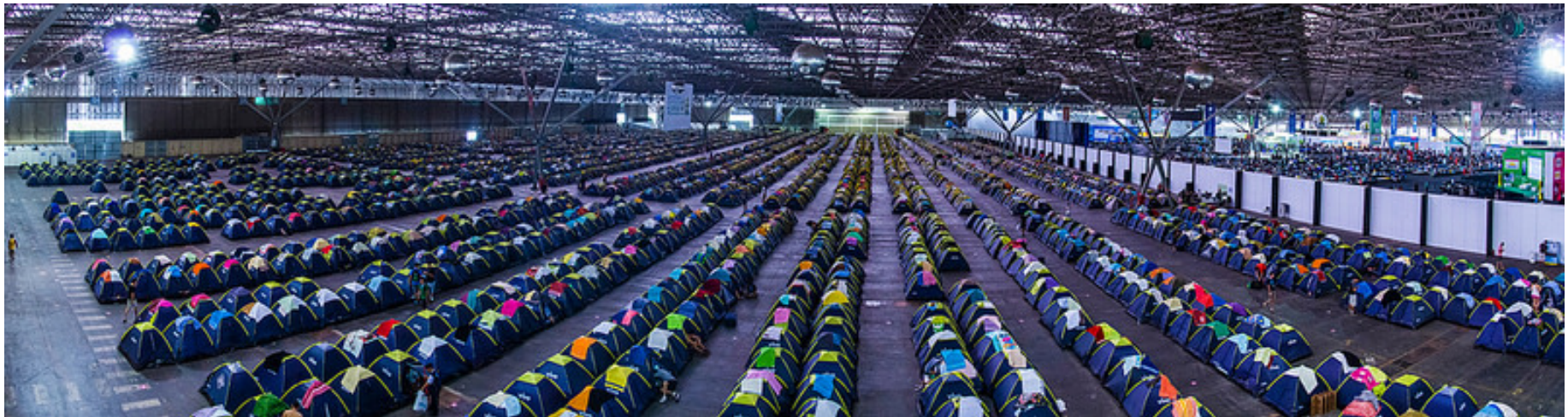
- JSR 346 – CDI 1.1
  - Session: Conhecendo o CDI 1.1
  - Event: Café com tapioca
  - Speaker: Daniel Cunha (CEJUG)
  - <http://www.cejug.org/2014/01/29/cct-de-fevereiro-na-fa7/>
- JSR-352: Batch Processing.
  - Session: Batch Processing JSR
  - Event: CEJUG Meeting - CCT (CEARA)
  - Speaker: Hildeberto Mendonça (CEJUG)
  - [https://www.youtube.com/watch?v=dVizRXP\\_4vo](https://www.youtube.com/watch?v=dVizRXP_4vo)



# Sessions



- JSR 339 – JAX-RS 2.0
  - Session: Desenvolvendo APIs de forma padronizada com REST e JAX-RS: novidades e dicas
  - Event: Campus Party 2014 (São Paulo)
  - Speaker: Fabio Velloso (SouJava)
  - <http://campuse.ro/social/resource/40994/view.cp>



# Java 8 Launch



- SouJava Meeting

- <http://soujava.org.br/2014/03/27/como-foi-a-festa-de-lancamento-do-java-8/>



# FISL

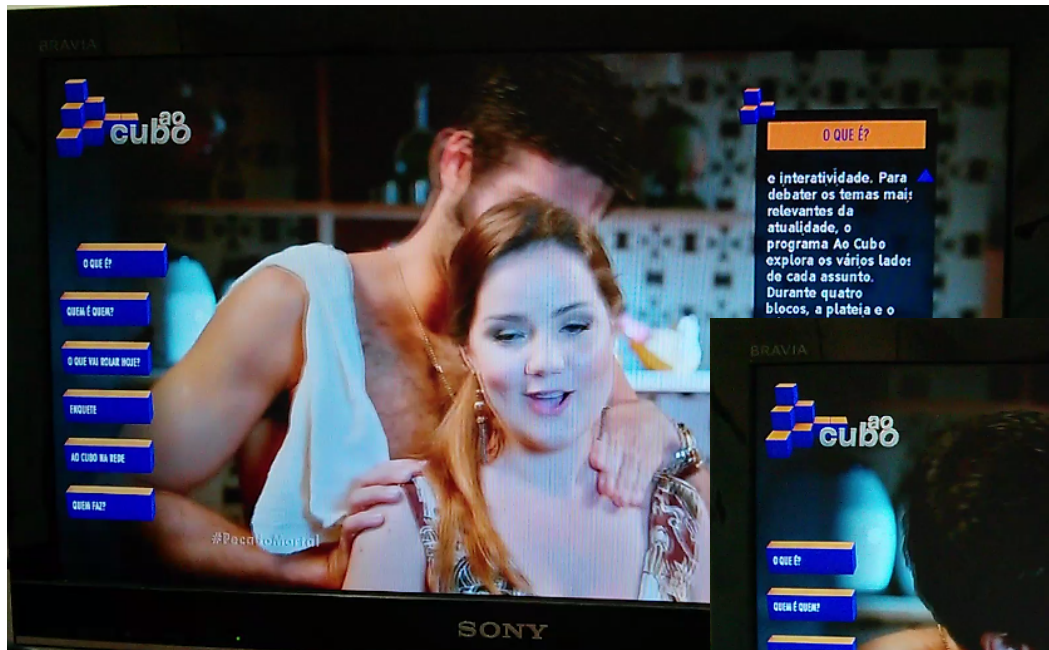


- International Free Software Forum, Porto Alegre, Brazil
- OpenJDK
  - Bruno Souza e Otávio Santana
  - <http://prezi.com/hz3rdcgv3gt0/o-projeto-openjdk-java-livre-e-vibrante/>
  - Recording:  
<http://hemingway.softwarelivre.org/fisl15/high/40t/sala40t-high-201405081506.ogv>
  - Java 8 and Java 9
- JCP
  - Discussions with several companies around the JSRs
  - JSR 354 - Currency and Money
  - JSR 363 - Units of Measurement API



# Digital TV

- Developing a real project, end-to-end

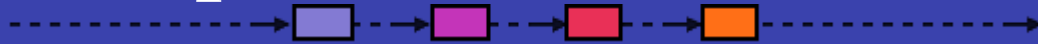


# Digital TV



- Full circle
  - TV Show + TV Application + Broadcast Infrastructure
- Partnership between SouJava and JavaNoroeste, with TV Producer and Broadcast TV station
- Large team
  - 17 developers (one is also the team's designer)
  - led by Carlos Gonçalves (Java Noroeste)
- Today: 139 CLDC, 135 Mobile Media, 927 Java TV
- Future: 360 CLDC 8 and others

# Adopt a JSR



- Hangout with Spec Lead
- JSR 363 - Units of Measurement API
  - Spec Lead: Leonardo Lima (V2COM)
  - Date: 16/abril/2014
  - Fabio Velloso and Bruno Souza (SouJava)
  - [plus.google.com/events/c4u6tqadev3bek2n4ke76uen5b8](https://plus.google.com/events/c4u6tqadev3bek2n4ke76uen5b8)

# Adopt a JSR



## Hangout with Spec Lead

- JSR 363 - Units of Measurement API



# Supporting JUGs



- Remote presentations to promote the JCP and Adopt-a-JSR
- Video-call for JCP Discussion with Panama JUG
  - Adopt-a-JSR
- Hangout with Connecticut JUG (Ryan Cuprak)
  - An Open Conversation About the JCP
  - <https://plus.google.com/u/0/events/cqhjl5alrqucs9j6p87ui9fcfgc>
- Webex presentation to large software and service company in Connecticut
- Oracle vs Google and JCP role discussion with JUGs
  - <https://plus.google.com/events/ceeelol53m1ouvbst0fkea1q3t4>



# TDC Florianópolis



- “Adote uma JSR com o Grupo de Usuários Java de SC”
  - Adopt a JSR
  - Ricardo da Silva Longa / Ivan Junckes Filho
  - [www.thedevelopersconference.com.br/tdc/2014/florianopolis/trilha-java](http://www.thedevelopersconference.com.br/tdc/2014/florianopolis/trilha-java)
- “Conheça as novidades REST com Java EE em minutos”
  - JSR 339
  - Ricardo da Silva Longa / Ivan Junckes Filho
  - [www.thedevelopersconference.com.br/tdc/2014/florianopolis/trilha-javaee](http://www.thedevelopersconference.com.br/tdc/2014/florianopolis/trilha-javaee)

# Hackathons

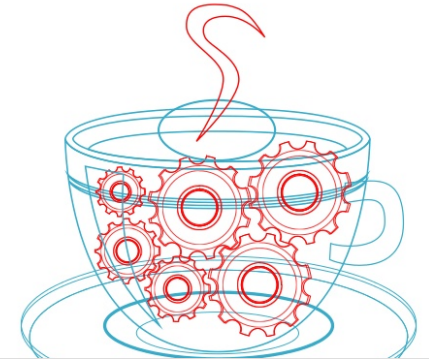


- test ideas, discuss the specification
- JSR 363 – Unit API
  - São Paulo and Florianópolis
  - Leonardo Lima (Spec Lead)
  - V2COM
- JSR 354 - Currency and Money
  - São Paulo
  - discussions going on with several large companies, with employees starting to participate
  - Large Public Bank, Large Public IT Company, Large Developer of Financial Applications

# JSRs + OpenJDK



- Working with JSRs to help them conform to OpenJDK policies
- tests and language standards
- ease the future integration when that is needed
- JSR 354 - Currency and Money
  - work already started (several suggestions/patches accepted)
- JSR 363 - Unit API
  - involved with the spec lead, initial discussions



- Work on OpenJDK is ongoing
  - 25 developers on the mailing list
  - led by Otávio Santana
  - several patches submitted: 10+ commits approved, some more under review
  - 8K lines of code changed on approved commits
- Focus
  - Code cleaning and refactoring
  - Performance
  - Filling and fixing bugs (including inside the JIT)
- Challenges
  - Getting developers started: not only Java, but C/C++/shell/tools
  - Extensive initial knowledge: JVM internals, bytecodes, JIT
  - free JVM Internals ebook: <http://jav.mn/ebookjvm>

# Government - ePing



- Brazil has a large investment on Java technology
- The country has strong standard-focus and open source efforts
- Working with some organizations to better participate on e-Ping
- e-Gov Standardization Group
- Effort led by the Ministry of Planning
- Around 30 government organizations
  - <http://eping.governoeletronico.gov.br>
  - <http://www.governoeletronico.gov.br/aco-es-e-projetos/e-ping-padres-de-interoperabilidade>



# Challenges...



- JUG members and leaders don't think they are contributing...
  - very hard to get information!
  - example: almost no information on the Wiki about Brazilian JUGs
  - Fabio Velloso is working with JUGs in Brazil to improve that
- Oracle's reputation of being “too commercial”
  - Looking for the “catch”. Many don't “trust” to participate
  - example: Oracle vs Google doesn't help (JUGs, individuals)
  - example: Brazil's Digital TV efforts
- Reaching companies: hard, time consuming
- Creating the “cool factor”
  - long feedback cycle: hard to even keep organizers excited about
  - ongoing effort

# Adopt a JSR – Brazilian JUGs

