

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

Bruno Souza
bruno@javaman.com.br
[@brjavaman](https://twitter.com/brjavaman)
[SouJava](https://soujava.org)

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.gujavasc.org/2014/03/jax-rs-20-jersey-client-api-adoptajsr.html
- Como funciona o Java Community Process (JCP) e como contribuir? (Português)
 - www.gujavasc.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

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

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/>



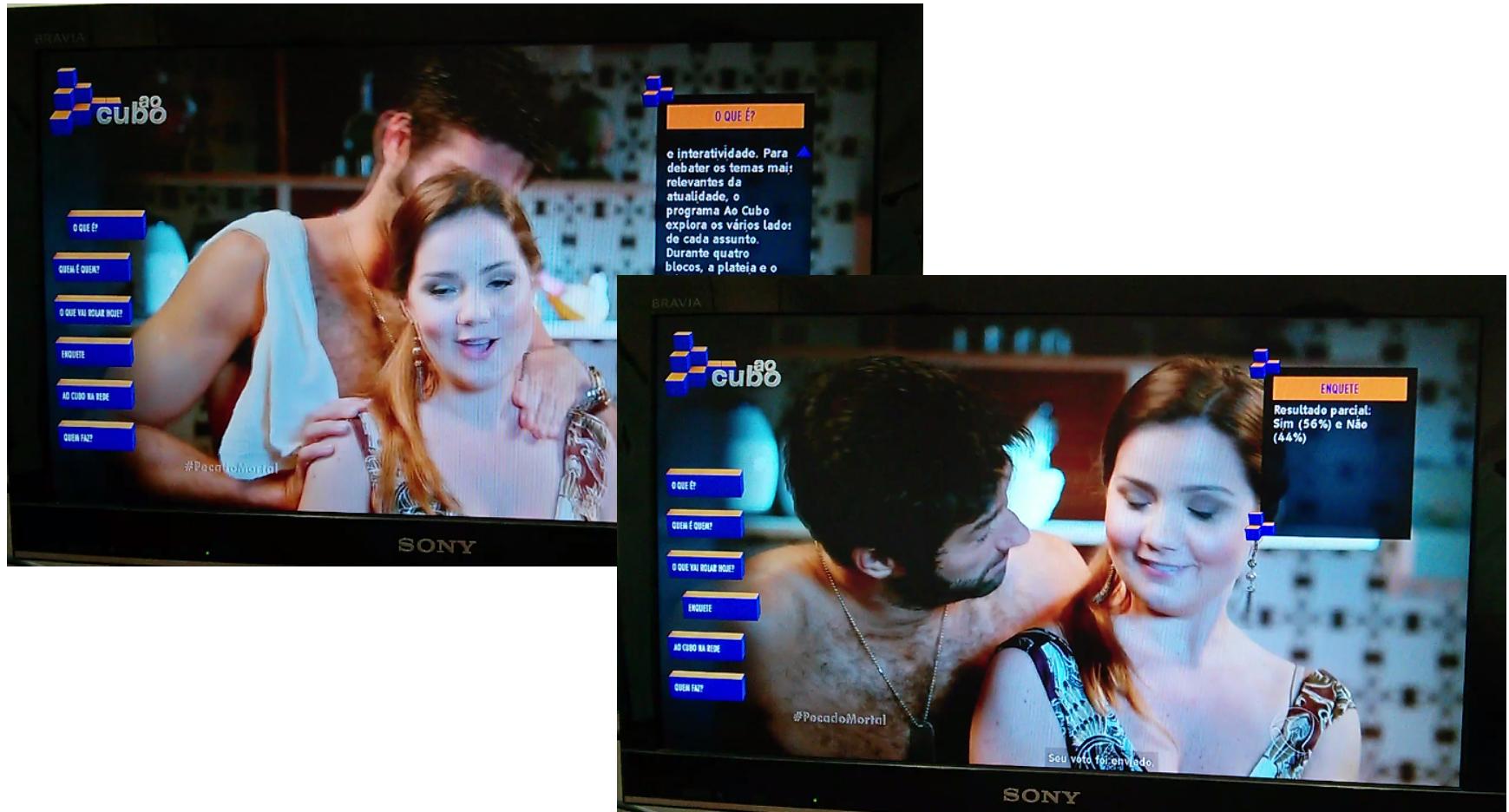


- International Free Software Forum, Porto Alegre, Brazil
- OpenJDK
 - Bruno Souza e Otávio Santana
 - <http://prezi.com/hz3rdcgv3gt0/o-projeto-openjdk-java-livre-e-vibrante/>
 - Recording:
<http://hemingway.softwarelivre.org/fisl15/high/40t/sala40t-high-201405081506.ogv>
 - Java 8 and Java 9
- JCP
 - 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/c4u6tqahev3bek2n4ke76uen5b8

Adopt a JSR



Hangout with Spec Lead

- JSR 363 - Units of Measurement API

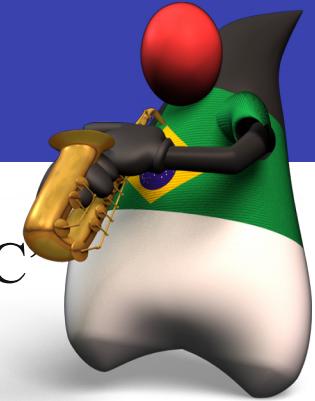


Supporting JUGs



- 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/ceeleol53m1ouvbst0fkealq3t4>

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
- “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-javee

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

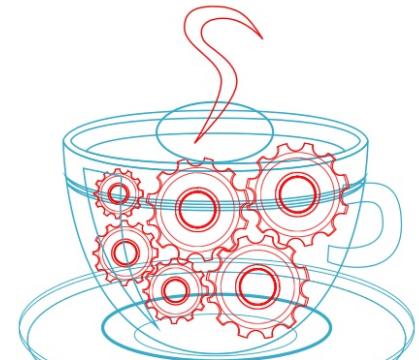
JSRs + OpenJDK



- 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/acoes-e-projetos/e-ping-padroes-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

