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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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)
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
• 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
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/ceeleol53m1ouvbst0fkea1q3t4
“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-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
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