

Java API for JSON binding

JUG UA MEETING

22 APRIL 2015

Agenda

- ▶ REST app example using JSON in numerous places
- ▶ Variety of JSON binding providers
- ▶ It's time for JSON-B standard
- ▶ JSR 367 spec
- ▶ JUG involvement in spec adoption and what is already done
- ▶ How to be involved?

A scene from Toy Story featuring Woody and Buzz Lightyear. Woody, on the left, has a concerned expression and is looking towards the right. Buzz, on the right, is in his signature space ranger pose with his arms raised, wearing his green vest with the "LIGHTYEAR" patch. The background shows a room with a window and some furniture.

JSON

JSON EVERYWHERE

Variety of JSON binding providers

JSON-lib



google-gson

A Java library to convert JSON to Java objects and vice-versa

JSONij

Apache Johnzon



flexjson

Jackson

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/ > < FASTER :  
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< FASTER : X  
FASTER : XM  
ASTER : XML  
STER : XML  
TER : XML  
ER : XML />
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JSON-B Spec (JSR 367) Resources

- ▶ Main page
 - ▶ <https://java.net/projects/jsonb-spec/pages/Home>
- ▶ Mailing List
 - ▶ <https://java.net/projects/jsonb-spec/lists/users/archive>
- ▶ Source code
 - ▶ <https://java.net/projects/jsonb-spec/sources>
- ▶ JIRA
 - ▶ https://java.net/jira/browse/JSONB_SPEC

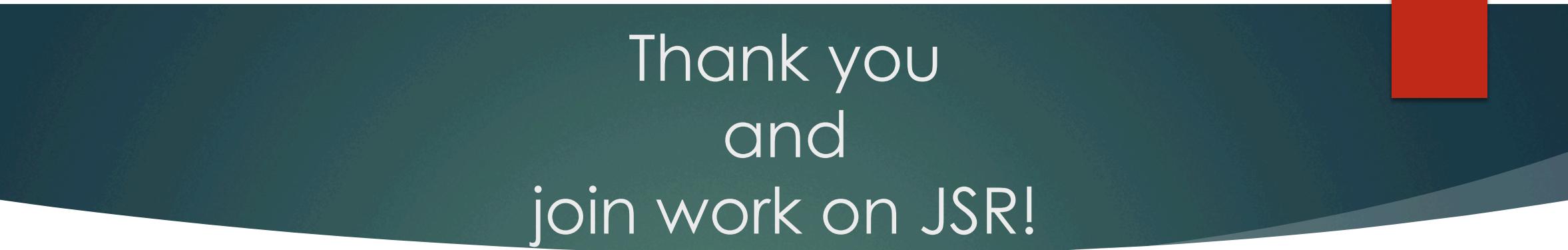
Expert Committee

<https://java.net/projects/jsonb-spec/pages/EGTransparency>:

- ▶ Gregor Zurowski (individual) - Y - Requested to participate long before JSR started, architect with many JSON binding frameworks, can dedicate enough time to the specification.
- ▶ Martin Vojtek (Oracle) - Y - Representative from the company leading the specification, will contribute to the specification as well as RI, can dedicate enough time to the specification.
- ▶ Hendrik Saly (individual) - Y - Experience implementing JSR 353 JSONP, from Apache Johnzon project, can dedicate enough time to the specification.
- ▶ Inderjeet Singh (individual) - Y - Coauthor of Gson JSON binding library, can dedicate enough time to the specification.
- ▶ Eugen Cepoi (individual) - Y - Author of Genson JSON Binding library, contributed to JSR 353, can dedicate enough time to the specification.
- ▶ Romain Manni-Bucau (Tomitribe) - Y - Industry company representative, one of Apache Johnzon authors, can dedicate enough time to the specification.

JUG UA publicity & resources

- ▶ JUG UA publicity:
 - ▶ <http://jug.ua/adopt-a-jsr/>
 - ▶ <https://java.net/projects/adoptajsr/pages/WholsAdoptingJSRs>
- ▶ Source code of JUG UA:
 - ▶ <https://github.com/sirotae/jsonb-spec-ua-adopt.git>
 - ▶ <https://github.com/olegts/jsonb-spec.git>
- ▶ Design review
 - ▶ <https://docs.google.com/spreadsheets/d/1sYdqkuXnLLGKiks2ML8FKo6v2BRS8v6nuq93ptSxRUI/edit>



Thank you
and
join work on JSR!