

# **XML BINARY CHARACTERIZATION**

ALMOST A YEAR IN REVIEW

# A SIMPLE PLAN

- ▶ **Four documents:**

- Use Cases
- Properties
- Measurement Methodologies
- Characterization

- ▶ **A recommendation for further work or lack thereof**

- ▶ **Optionally a charter**

# USE CASES

- ▶ <http://www.w3.org/TR/xbc-use-cases/>
- ▶ 18 detailed use cases covering ground that is both vast and varied
- ▶ Why so many?
  - possibility to eliminate but did not have to
  - many communities “want in”
  - XML is more than a coolness factor, the actual party is really good
  - blame the original XML 1.0 gang for binary XML

# PROPERTIES

- ▶ <http://www.w3.org/TR/xbc-properties/>
- ▶ **a lot can be said about formats (38 properties)**
- ▶ **the document does not constitute a laundry list of what to put into a binary XML format**
- ▶ **provides a common vocabulary for the issue**

# MEASUREMENT METHODOLOGIES

- ▶ <http://www.w3.org/TR/xbc-measurement/>
- ▶ **for each property, provide a measurement — not a perfect benchmark**
- ▶ **help avoid evaluations based on “instinct”**

# CHARACTERIZATION

- ▶ **not yet published**
- ▶ **provides a set of “critical properties”**
  - not aiming at making everyone blissful
  - adoption is key: “which properties, if missing, would make a binary XML format insufficient for your needs”
  - property decision tree
  - the results is reassuringly close to XML
- ▶ **proof of existence**

# RECOMMENDATION

- ▶ **Should the W3C pursue work on defining a binary format?**

# RECOMMENDATION

- ▶ **Should the W3C pursue work on defining a binary format?**

**YES**



# THANK YOU

▶ **Any questions?**