

Implementation and Test Case Task Force

Status at F2F1

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Task Force Background

- Scope
 - To identify and connect with implementation stakeholders and coordinate test case development and implementation activities.
- Deliverables
 - Questionnaire/Survey of potential implementation stakeholders
 - Test case suites for toolkits supporting one or more formal model specifications

Scope for F2F1

- Define long-term scope, objectives, and responsibilities of the task force
 - Identify objectives task force can pursue prior to the delivery of the formal model specifications
- Review current responses to Stakeholder Questionnaire
 - Identify stakeholders (consumers and producers) of provenance
 - Iterate on questionnaire, determine new communities to advertise it to

Implementation Questionnaire

- Constructed a preliminary survey to identify and connect with potential stakeholders of the provenance specification implementations
 - Gauge Interest in
 - Encoding/Interchange formats
 - Toolkit implementation languages
 - Potential toolkit implementers
 - General feedback on expected use of provenance
 - Tiny URI: <http://goo.gl/rHxAg>

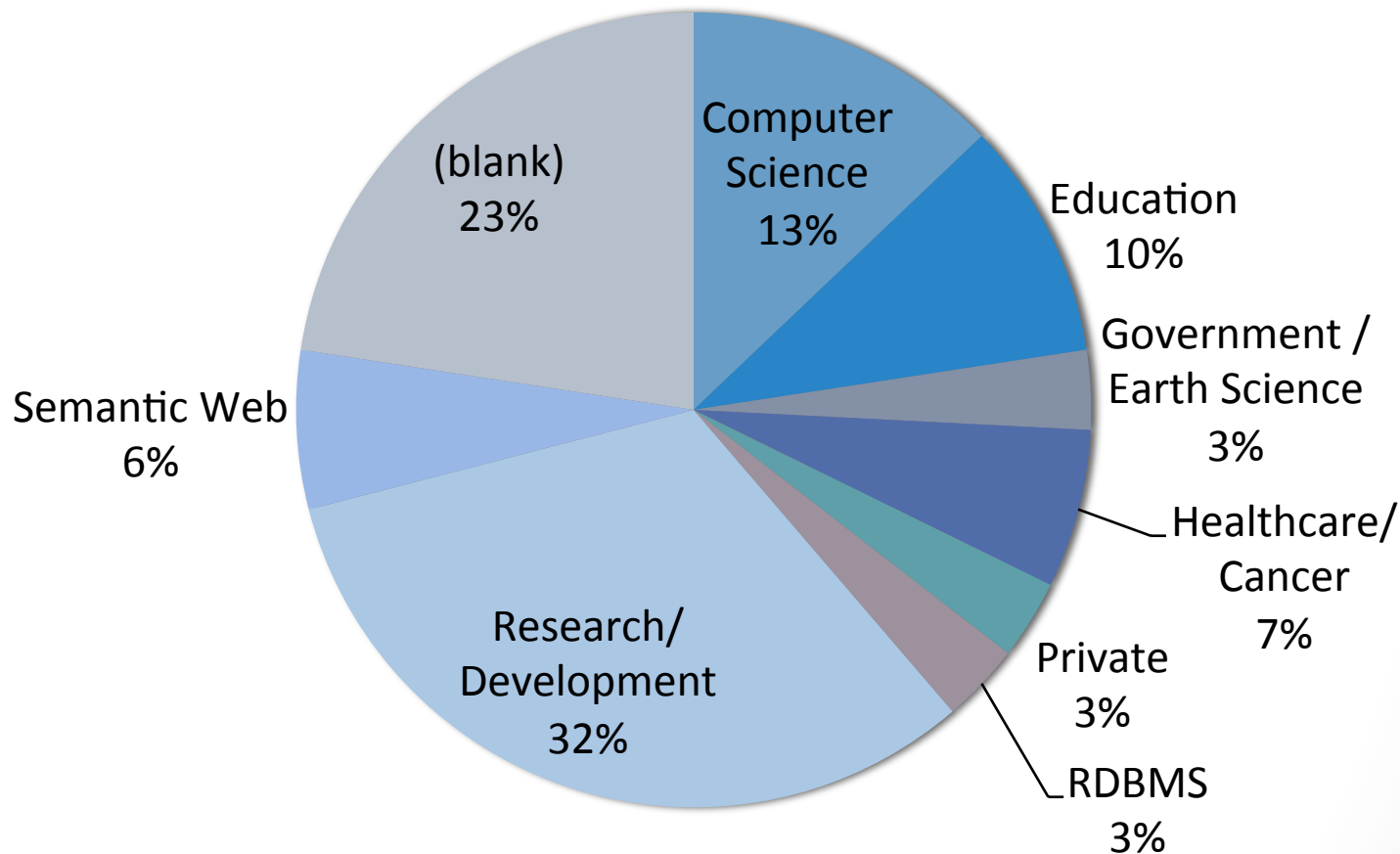
Questionnaire Feedback*

- 34 responses

Question	Affirmative Replies
My organization is interested in generating provenance according to the W3C formal specification	27
I want to see how a piece of data was transformed and what was the input for the transformation	24
My organization is interested in implementing a software toolkit to support one or more W3C formal specifications for provenance	19
I want to rank information according to a list of trusted sources	16
My organization is interested in hosting a provenance repository	14
I want to know what is the latest stable version of a web resource or document	14
I want to learn about the source of an assertion	13
I am producing a document/dataset for publication on the Web; I want to know how to sign it using W3C formal specification	12

*as of 7/5/2011

Responders' Stated Organizational Field

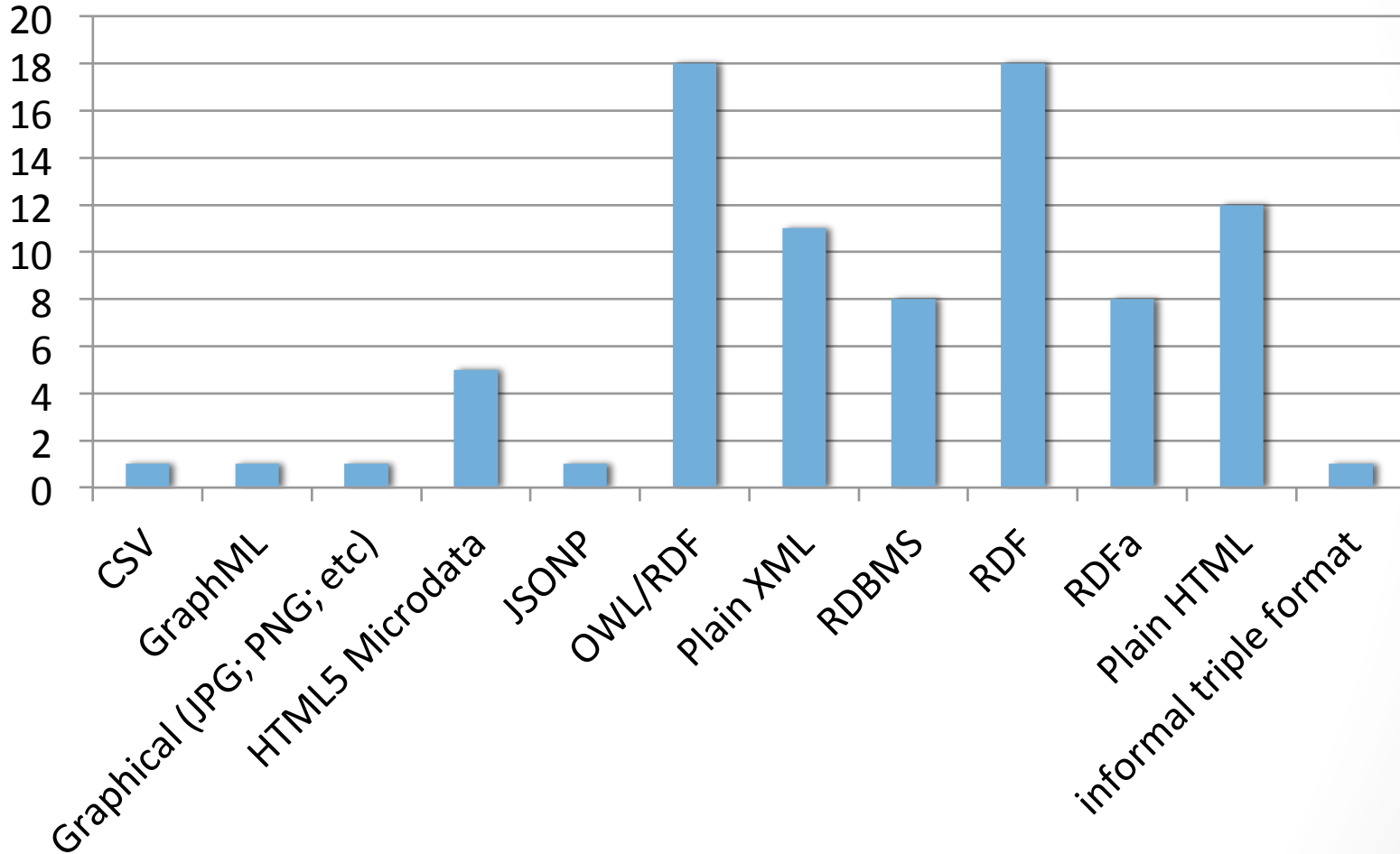


Organizations and Location

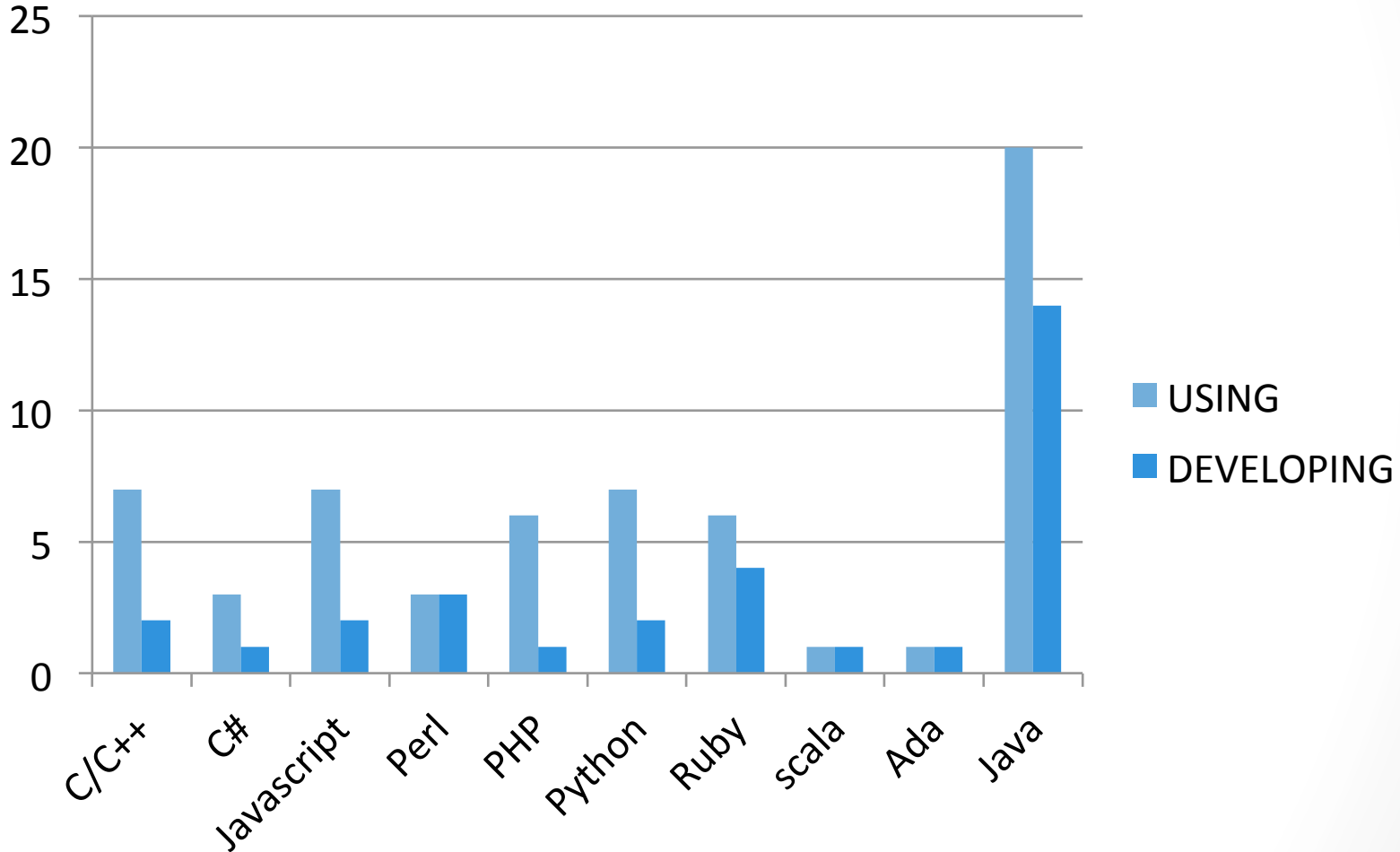
Atos Research & Innovation, CSIRO PI, Chevron Emerging Tech Group, DERI, NUI Galway, EMBL-EBI, Federal University of Rio de Janeiro, Fluminense Federal University - Brazil, ISTCS.org, Indiana University - Data to Insight Center, MDAnderson Cancer Center, Mondeca, NASA Goddard Space Flight Center, NOAA/NCDC, OpenLogic, Inc, Oracle, Private, RPI / TWC, TCI, The Univ. Texas at Houston, UPM (Universidad Politécnica de Madrid), University Of Southern California, University of Nancy - LORIA, University of Texas at Austin, University of Texas at Dallas, University of Texas at El Paso, myGrid, Computer Science, University of Manchester



Interest in Provenance Encoding



Interest in Toolkit languages



Next Steps

- Iterate on stakeholder questionnaire, publish to a larger community
- Compile existing feedback into a living report on the prov-wg wiki
- Open dialog with stakeholders with expressed interest in implementing toolkits
- Discuss long-term objectives at F2F1
- What else can or should we do before the initial formal specifications are delivered?