**ITCR Training and Outreach Working Group Meeting**

**Thursday, August 9, 2018**

**4:00 - 5:00 PM Eastern Time**

**Agenda**

1. Brief presentation on recent working group survey results regarding topics of interest
2. Discussion, planning

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| **Webex Information:**  JOIN WEBEX MEETING  <https://cbiit.webex.com/cbiit/j.php?MTID=m90b62cf4b0ffc9b0c9e13b53425cc602>  Meeting number (access code): 733 094 302  JOIN BY PHONE  1-650-479-3207 Call-in toll number (US/Canada)  Global call-in numbers:  <https://cbiit.webex.com/cbiit/globalcallin.php?serviceType=MC&ED=574640482&tollFree=0> |

**Attendees, please sign in here:**

David Hanauer, U of Michigan

Juli Klemm, NCI

Amanda Bell, GW

Mike Ryan, JHU / MD Anderson

Jeremy Warner, Vanderbilt

Brian Haas, Broad Institute

Mary Goldman, UC Santa Cruz

Tali Mazor, DFCI

Bradley Broom, MD Anderson

Hayley Dingerdissen, GW

Hiro Yoshida, MGH/HMS

Nathalie Pochet, BWH/HMS/Broad

Andrey Fedorov, BWH/HMS

Martin Morgan, Roswell Park

**Minutes:**

* Continue to identify opportunity for coordinated outreach at conferences
* Would be useful to hear about other funding sources for software development activities
* How to identify and learn from peer software projects.
* Getting credit for software of significant interest. Privacy concerns making some approaches (e.g., tracking users) more difficult.

Whitepaper from earlier discussions on usage tracking: <https://docs.google.com/document/d/10k_ZgBaEBQesFRnAmYmEWPC9fQNrzSx0xI5oWXTcJcc/edit?ts=5800fe96#heading=h.f21i4dqtp1l4>

* Merits / challenges associated with participation in ‘aggregations’ like Bioconda: Package software to make it more consistent in installation / use, but loss of control e.g., tracking use, versions and support channels exposed to users
* ‘Radical’ use of newer technologies like slack (Agree with the previous comment about using Slack. We’ve had great success and were able to build a community and thus create users for our project).
* Just FYI: ITCR Slack channel is itcr1.slack.com
* Barriers to adoption. Discovery challenges when the user is across the country. Working with IT groups / decision makers.
* Consider a spreadsheet describing attributes of projects to help identify like projects
* Training & outreach activities in a google doc; provide a bit of color in terms of nature of event (hackathon / workshop / lecture / …), venue (invited / conference / internal event / …), outcomes (really successful because…)

Notes taken by David Hanauer:

• Roundtable format has been good, general discussions are good.

• Consider identifying opportunities for conferences for a joint session, such as AACR, CI4CC, Joint Summits, etc.

• Would be interesting to know what are the funding mechanisms, not just ITCR.  Personnel in training/software engineers, etc. What is the effort required to maintain large software systems.

• How does training and outreach get resources and maintained?

• How do we get credit?

• What are good software distribution mechanisms.

- what are privacy concerns in terms of tracking usage

- what kind of data can you capture?

- what approaches are available, are there any common frameworks for collecting user data?

• How to repackage software in a way that makes it more consistently available to users.  Is there a common way to install tools? Some make it easier to install but then harder to track later on.

• Common metrics?  Are there any that people can agree on?

• Value of Hackathons?

• Who to outreach to? Users? Other developers? How to get developers to add more annotations?

• Does Slack have any role in outreach activities

• For outreach, what barriers exists for using a tool?  What could be useful to addressing the challenge?

• How to identify peer-to-peer relationships.    Maybe we need an Excel sheet for this?