

UA Tech WG Meeting

11 October 2021

Attendees

Satish Babu
Jim DeLaHunt
Abdullah Cemil Akcam
Benjamin Akinmoyeje
Imran Hossen
Marc Blanchet
Rajiv Kumar
Vadim Mikhaylov
Seda Akbulut
Sarmad Hussain

Agenda

1. Welcome and Roll Call
2. Continue discussion on [T5 – UA Challenges and survey](#)
3. Activities for additional stakeholders: Academia (EAI and Tech subgroup from developing the plan on ACM Curricula [acm.org])
4. Continue discussion on what to take up next from FY22 Action Plan
5. AOB

Meeting Notes

A brief overview of T5 was presented. T5 is about knowing hard problems faced in adopting UA. There will be two surveys: one for the business community, and second for technical people. The group has listed some questions on this document and the next step is to convert this into a form that can be contracted out.

Beforehand, we need to consult people we know very well before the survey is rolled out through the contractor. Therefore, we need to make a presentation to other WG members (Coordination WG), discuss list, ICANN). We can also make a Google Form to ask these questions first to them for collecting their inputs on the T5 survey.

T5 was further discussed in detail. The first thing to ask ICANN experts is whom we should consult for closing the UA gap and then what should be the process of reaching out to the target audience. How ICANN community experts should be interacted was part of the discussion. Whether it should be via email first, and then with more detail in Google form or via live session were amongst the options.

Secondly, for developers, simple questions like their background, expertise and what support they need regarding UA. The developer stakeholder group consists of mainly Technical and EAI communities. These include tool providers working on back-end technology like content

management systems or programming languages, web developers, people who develop MTA/MSA etc., front-end people. It was also suggested to include mobile applications. Also, when reaching out to developers if the roles under developers should be differentiated, such as front-end versus back-end, EAI versus software.

Survey is not language specific. We can have an open-ended question on anything they like to highlight about UA. It was also suggested to include mobile application, front end, backend, and other architectural details in survey of developers.

It was also decided to ask a third party to plan how they will reach out to developers whom we want to contact. Sample size and how to ensure the participants are the developers we defined will be further decided. The general response rates to surveys are around 5-10%. Therefore, instead of the outreach number, the number of responses should be clearly identified per geographical region. The minimum sample size is the least number of respondents from which we can get meaningful results. Incentivizing was also suggested to boost the response rate.

We will ask how they solve a problem when they encounter any problem related to UA. We have also considered reaching out to the language community. However, they are very difficult to access, so not included in the list. Yet, they started demanding, and businesses started to invest in this area.

One of the aims of the survey is to know more about their journey on UA. Do they go to stack exchange, stack overflow, or any other websites? Where do they get the information from? Another aim is to get insights on UA issues. The number of responses between 100 and 200 is regarded as reasonable. We need to analyze geographic and language aspects both on quantitative data and qualitative information that will give us insights.

We might contact governments that to make them a mandate to take care of UA. To start with, the group decided to list questions for governments. Once these are ready, we can ask GAC to respond to the survey.

We might make a survey for them. How to boost response rate is the most critical thing which we can ask the contractor. EAI is difficult as compared to UA. EAI requires technology support at both ends. We can ask EAI WG about the supply and demand paradox.

Create a Curriculum & Outreach to Academia

The next item discussed was adding UA to the ACM curriculum. As part of our focus on new stakeholder academia, one of the ideas is to start from the source. So, we go to the ACM's website where curricular recommendations are published.

<https://www.acm.org/education/curricula-recommendations>

<https://www.acm.org/binaries/content/assets/education/ce2016-final-report.pdf>

These are generally used by universities across the globe to develop their own curricula. Instead of reaching out to all universities, if one can go to the source, and inject the relevant resource within the relevant curricula, such as Computer Engineering, Computer Science, Information Systems, etc., then they will automatically populate globally to the academic organizations.

The curricula also show the general outline of the topics, descriptions of lessons, details, how many hours should be spent. Academia outreach plan was outlined with the following steps:

1. **Decision on target programs:** We need to go over the list of fields and decide first which of them are relevant to UA. (e.g., Computer programming)
2. **Assessing the curricula:** We then identify which curricula we need to intervene with. If they have an existing area, how that can be enhanced. If that's a new area, how much time and effort should be allocated.
3. **Outreach to the chairs of the curricula/program:** Each program has their own chair. We will discuss with the chairs to see if they can include our materials in the next revision.

To make it sustainable we must regularly update curriculum and include technical details in curriculum of different universities. We might need to develop SOW for the curriculum which we will take to ACM.

The agenda of next week was identified as:

1. collaboration with the other members of WG on the survey document.
2. consulting ICANN experts regarding T5. If we get a positive response from GAC, we will start working on their survey also.

Next meeting: Monday 8 November 2021 UTC 1600-1700

Action items

No.	Action Item	Owner
1	Provide list of people with whom we can consult for T5 (including ICANN experts, ambassadors)	Seda and Sarmad
2	Presentation and/or Google Form for the participants from other WGs, discuss list and ICANN to fill in the form and provide survey feedback. (part 1)	All
3	Converting the survey questions into a form to be contracted out	Seda - All
4	Collaboration with the other members of WG on the survey notes document	Tech WG
5	Send an email to EAI and Tech WGs and possibly other technical experts to solicit their inputs	Seda
6	Explore ways of working with governments to get country specific information	All
7	Meeting with GAC regarding UA , demanding for the mandate and survey participation	Sarmad
8	Subgroup to work on ACM Curriculum and SOW for academia outreach	Tech-EAI