# UA Measurement WG Meeting
## 23 August 2021

**Attendees**
Fiona Pollack
Rajiv Kumar
Jim DeLaHunt
Nabil Benamar
Liya
Seda Akbulut
Sarmad Hussain

**Agenda**
1. Look at previous work done by Measurement WG
2. Review FY22 Action Plan
3. AOB

**Meeting Notes**

Previous work conducted by Measurement WG so far was briefly discussed which includes UA Readiness of open-source code. In this project, 10,000 popular projects on GitHub of Java and Python were shortlisted and they were reviewed for UA Readiness. Some of those libraries are also listed in UASG018A. This project gave us an idea that how many percentages of popular libraries are using UA. However, while this project was ongoing, GitHub restricted amount of content that one can crawl on GitHub. This imposed some challenges. Python3 was evaluated as the most updated library so far. Most of Java code is not UA compliant. Task of this group was to gauge the gap in technology.

Next project discussed was Content Management System. In this study, working of different CMS were considered and how they can be used for UA. One of the first task to test something is to look at the test cases. This project was more focused on developing a set of test cases and only considered WordPress. The study however was not comprehensive. Other plugins of WordPress were also considered. IDNs were supported but EAI was not supported by even core CMS and plugins. In addition to technology being UA compliant or not, it also depends on its usage. A UA compliant technology may not be able to support UA due to its incorrect usage.

Further, social networking applications like Facebook, twitter were discussed. The purpose of this SOW is to look at social media platforms, both local and global ones. One thing to consider is that they can display long TLDs, IDNs correctly and users can also sign up on them using internationalized email addresses.

Next study under progress is browsers. According to research conducted in 2017, there was good support of browsers for IDN on desktop platforms but not on mobile platforms. The

purpose of study in 2021 is to look at the progress of browsers compared to previous research which will be documented in few months.

Charters of WG were next discussed. List of stakeholders and technology developers were discussed. Both backend layers and front end layer of technology are considered while doing gap analysis. Stakeholders of current action plan were further discussed. It will be up to WG to distribute work among different stakeholders.

All projects of FY22 Action Plan were discussed. According to research conducted in UASG021D, 10000 mail servers were tested for their response to EAI emails. Only 9.7% were found to respond. In present work, entire domains names are considered without any sampling. All mail servers are now tested. This is part of Project M4.

The next agenda of meeting was identified as discussing more on which technology to select for gap analysis.

**Next meeting:** Monday 6 September 2021 UTC 1400-1500

**Action items**

| No. | Action Item | Owner |
|-----|-------------|-------|
| 1 | None | |