

UA Tech WG Meeting Notes

17 January 2023

Attendees

Satish Babu	Letsatsi Lekhooa
Dessalegn Yehuala	Millenium Anthony
Abdulkarim Oloyede	Jim DeLaHunt
Adebunmi Akinbo	Setondji Herve Hounzandji
Anna Bagdasaryan	Sushanta Sinha
Gopal Tadepalli	Sarmad Hussain
Harsha Wijayawardhana	Seda Akbulut

Meeting Agenda:

1. Welcome and roll call
2. Presenting the UA Curriculum prepared by Dessalegn
3. Q&A

Meeting Recording: [Link](#) , Password svW?^Lwn3e

Meeting Notes

Seda greeted the WG and informed them that this meeting would focus only on the Curriculum. Satish led the meeting before Dessalegn started presenting. The meeting was scheduled for one hour. The Draft UA Curriculum is at <https://community.icann.org/display/TUA/Draft+UA+Curriculum>

Presentation

Dessalegn started the presentation.

Slide deck includes:

- The Genesis of UA
- Operationalization of UA Use Cases
- Key Objectives for Academic Curricula for UA
- Curricular Design Considerations
- Module 1: Unicode Programming Fundamentals

- Module 2:
- Module 3:
- Module 4:
- Module 5:
- Module 6:
- Module 7: Advanced Topics for Internationalized Domain Names (IDNs)
- Module 8:
- Module 9:
- Module 10:
- Module 11:
- Module 12: Unicode, IDNs and EAI Support in Operating Systems
- Coursework Impacted

Dessaegn summarized that the drafting of assignments for the modules were already completed. There is a possibility to have a Github Repository for hosting the examples of Java and Python.

Satish thanked and Congratulated Dessaegn. Dessaegn welcomed collaborating and feedback to the course. There would be 3 days intensive training of the modules with academic staff and faculty members.

Community Inputs

Satish commented on the Module-10, LGR part. This part needs improvement. Also on Module-7, Advanced Topics for IDNs, the additional information could be discussed offline. Satish said the topic of EAI could be more fundamental and better to push it forward, after EAI, IDN and Variants could come later.

Abdulkarim asked how to implement the curriculum in different countries. Also he said he hoped this would be able to expand to higher education. Different countries may need more or less work on this, and asked for what to expect as an end goal. He also asked how to implement the variations. Dessaegn answered that IEEE has standards and we don't see variations across regions. He added that this course structure was in general light and had not been tailored

to each region or script to meet different constraints. There are fundamentals to understand primary constraints regardless of region.

Satish added that the next step would be how to disseminate this. Satish and Dessalegn confirmed that this content would be distributed under the Creative Commons License, and everybody would be allowed to use it. Satish said academic collaboration could happen as well, with adding the community's suggestions. Satish said this could be added to the ICANN Learn program as well. Satish suggested setting a timeline for reviewing and giving feedback. Dessalegn said the instructor's guide also needed to be prepared.

Harsha said the content is really good, he also would like to offer this curriculum in his country, Sri Lanka. However, he commented on two parts, one is an issue of adapting IDNA2008, and another is adapting the course to region or script specific matters, it should be able to be localized.

Dessalegn said the course did not include the IDNA2008 standard, and it would be subject to change when a newer version becomes available. He said this content could be used as a starting point to be tailored to each region. Harsha pointed out that some software not supporting up to IDNA2008 and stopped at IDNA2003 have been an obstacle to overcome.

Dessalegn mentioned Ubuntu offers both IDNA2003 and IDNA2008 support. Harsha said the latest versions have been used, and non-Ubuntu devices also need to be IDNA2008 compliant.

Sushanta commented on the Module-11, IDN Security. This captured his interest the most, and complemented it was well organized.

Jim complemented on the modules and notified that he added comments on the Google Docs. He would be communicating to Dessalegn on this topic. He would also communicate through the WG mailing list as well. Dessalegn would incorporate the inputs to consideration.

Conclusion

The feedback deadline on this UA Curriculum would be 31 January 2024. Satish said the material could be heavy, however, urged WG to keep up with the timeline.

Meeting has ended.

Chat History Highlights:

Dr. Adebunmi AKINBO

Apart from tailoring to region, we should be paying attention to version. Thus, we should review on the go, or insert a feedback channel that our allow anyone to pick the document online, and still get feedback to the review team.

Sushanta

*Thanks, I see Phishing is covered in security scope.
Good job.*

Next Meeting: 22 January 2024, Monday 15:00 UTC

Action Items:

No	Action Item	Owner
1	Integrate community inputs and further explain the considerations	Dessaegn
2	Review the content and send feedback by 31 January	WG
3	Communicate through the mailing list to address concerns	Jim