

How to make UA simply work for the end user?

ICANN 68 update

Mark W. Datysgeld



Universal Acceptance

Current projects from LAC developers team

- A. **Open source code projects:** identifying the usage of libraries which interact with domain names and e-mails and testing their UA Readiness, as well as checking for IDNA implementation.

- B. **HTML5 standards:** increases interaction with WHATWG and W3C to achieve the addition of “eaimail” as an option for developers that have their systems ready.

Open source code projects

Source: [Github](#) platform, biggest open repository in the world.

Target languages: [Java](#) and [Python](#), top usage languages.

Method: creating a crawler to scan and index metadata and dependency files for both languages.

Status: 20% of the projects crawled.

Java

| Rank | Library |
|------|--------------------------|
| 1 | spring-boot-starter-web |
| 5 | spring-boot-starter-mail |
| 874 | commons-validator |
| 3576 | okhttp |
| 4402 | javax.mail |

Python

| Rank | Occurrences | Version |
|------|-------------|---------|
| 102 | 1916 | 2.9 |

HTML5 standards

Current HTML5 acceptance pattern for `<input type="email">`:

| Test case | Result |
|----------------------------|----------|
| ascii@ascii.newshort | Accepted |
| ascii@ascii.newlong | Accepted |
| ascii@idn.ascii | Accepted |
| unicode@ascii.ascii | Rejected |
| unicode@idn.idn | Rejected |
| arabic.arabic@arabic (RTL) | Rejected |

Focus for the second semester of 2020: Reaching out to WHATWG/W3C and browser vendors to introduce “**eaimail**” as a standard, eliminating the need for developers to use scripts that are not compatible with all use cases envisioned by the UASG.

Talk to me

mark@governanceprimer.com

www.markwd.website