WIPO Sequence Suite development

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Standards Team
Introduction

• WIPO Sequence Suite is:
  • WIPO Sequence desktop tool – desktop tool used to generate WIPO ST.26 compliant sequence listings
  • WIPO Sequence Validator web service – web service used by Offices to validate sequence listings to ensure compliance with WIPO ST.26
  • WIPO Sequence was developed at Member State request as a single tool to be used by applicants globally
  • Note: some Offices use WIPO Sequence instead of WIPO Sequence Validator to validate filed sequence listings
Development: to-date

- The WIPO Sequence Suite has been under development since approximately mid-2018.
- First desktop tool developed by WIPO and first to be produced on the CI/CD pipeline
- There has been a total of 4 development projects, one of which is ongoing
- Important milestones are:
Development: stakeholders

- External development team
- WIPO
- External QA team
- External stakeholders
Issue tracking: Jira

- ALL proposals for improvement, ALL reported bugs and time for developers is all tracked using JIRA.
- A single project has been used since the beginning so a retrospective of development can be performed.
WIPO Sequence reported bugs, by severity
WIPO Sequence Validator reported bugs, severity
Number of improvements implemented
Outcome: number of downloads

- 2.3.0
- 2.2.0
- 2.1.2
- 2.1.1
- 2.1.0
- 2.0.0
- 1.1.0
- 1.0.0

Legend:
- Linux
- Mac OS X
- Windows
Lessons Learnt

- Less is more: start with MVP
- Collaborate with external stakeholders
- Plan ahead
- Not waterfall + agile
- End user testing
- Developer access to WIPO Common tools
What’s next?

- Current development project: performance improvement for primarily the WIPO Sequence Validator
- Beta version available for testing late November 2023
- New version 3.0.0 to be released approx. February 2024
- Requirements for future development already identified through stakeholder engagement meetings
Any questions: contact wiposequence@wipo.int
Slide with a possible quote and background image.

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