

# WIPO Sequence Suite development

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Standards Team

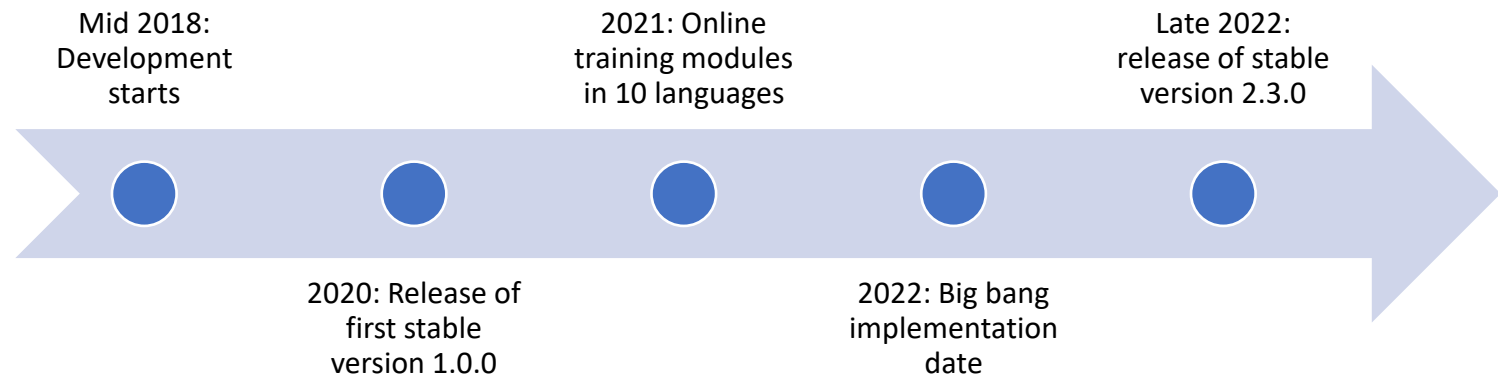


# Introduction

- 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:



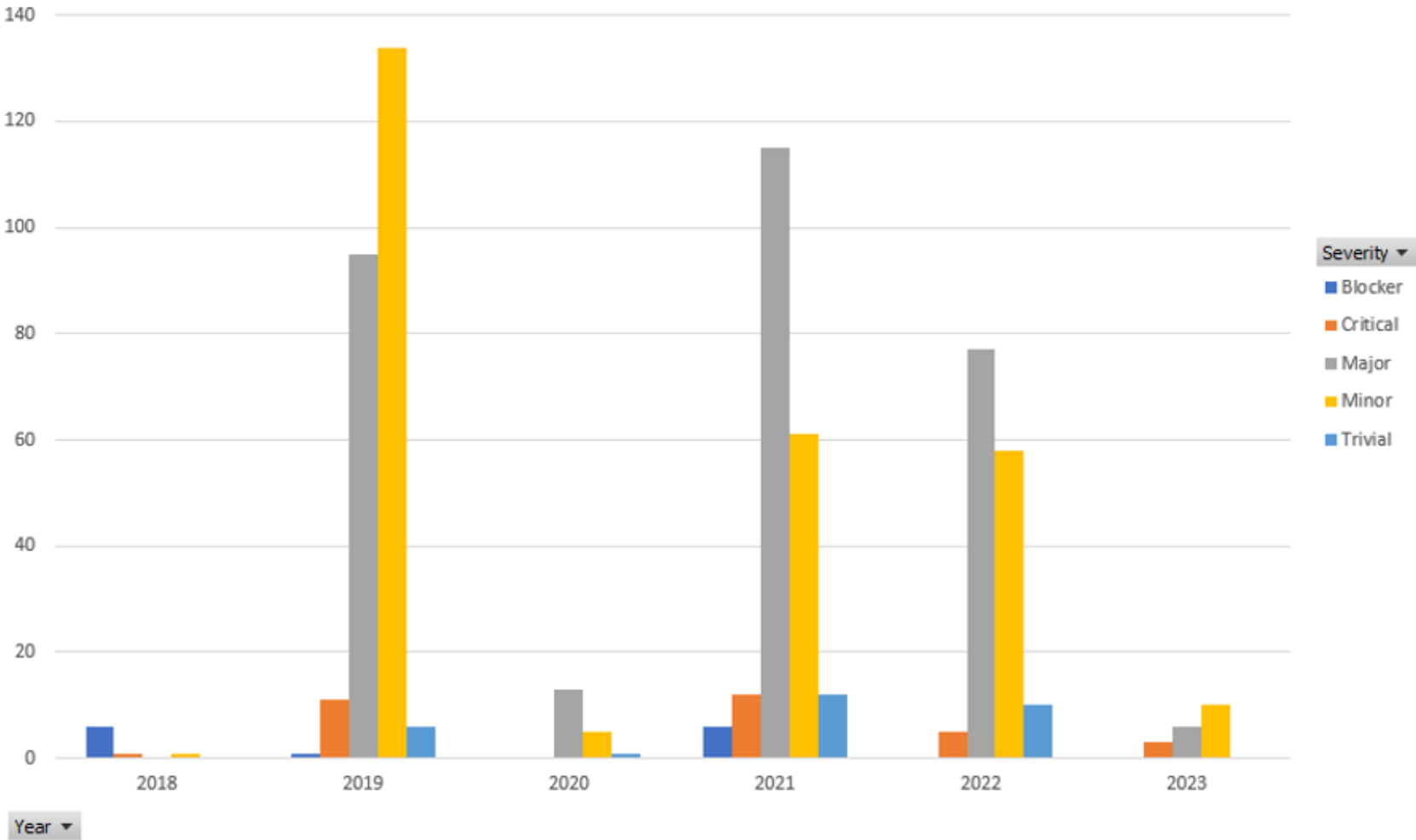
# Development: stakeholders



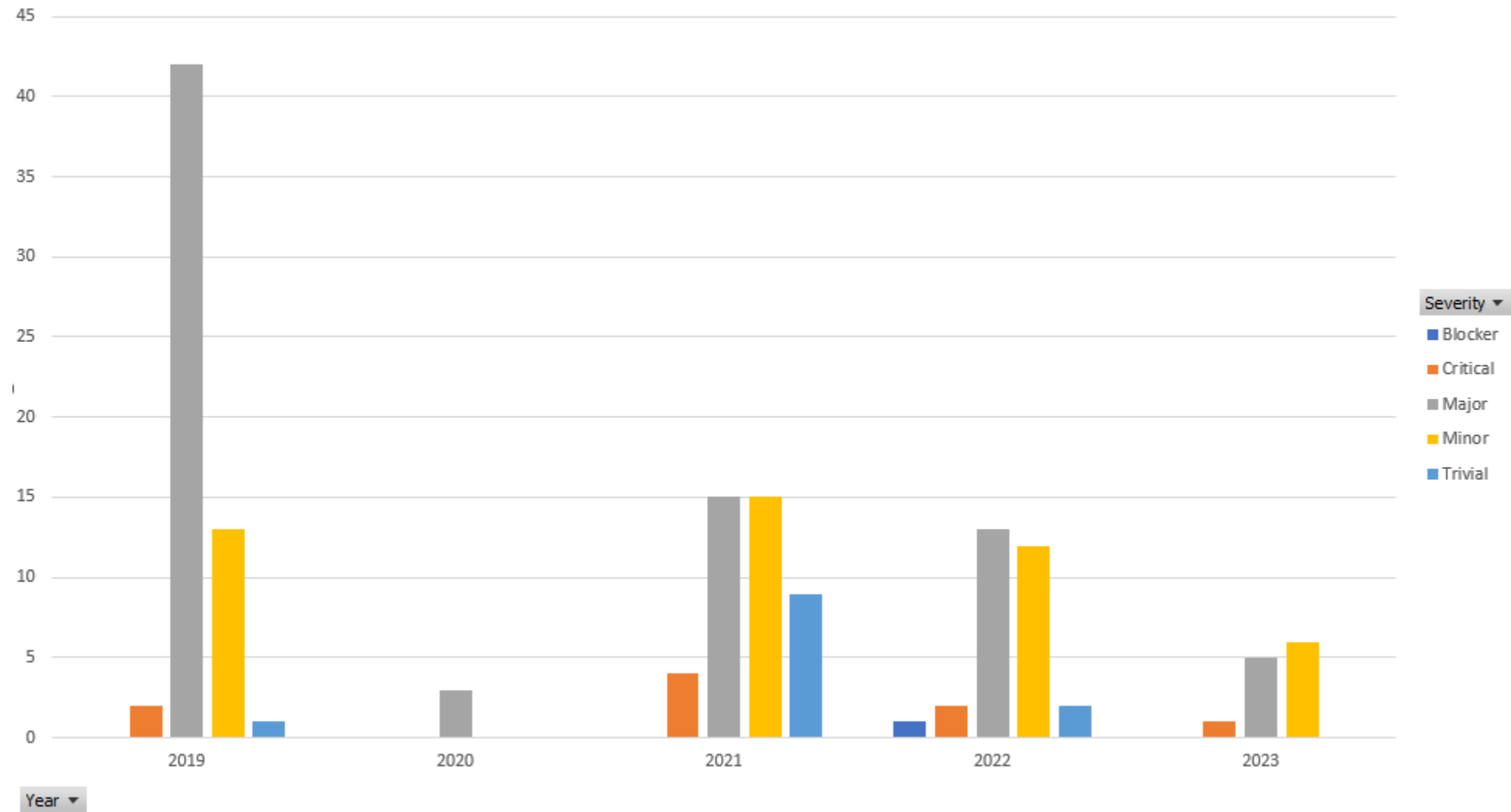
# Issue tracking: Jira

- 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



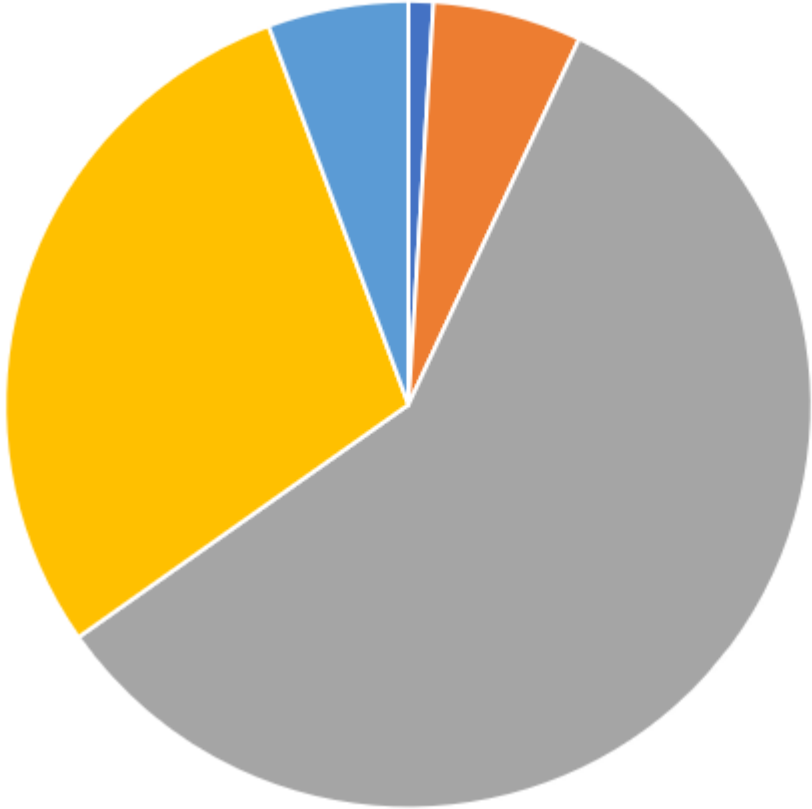
# WIPO Sequence Validator reported bugs, severity



# Number of improvements implemented

Number of improvements implemented

Total

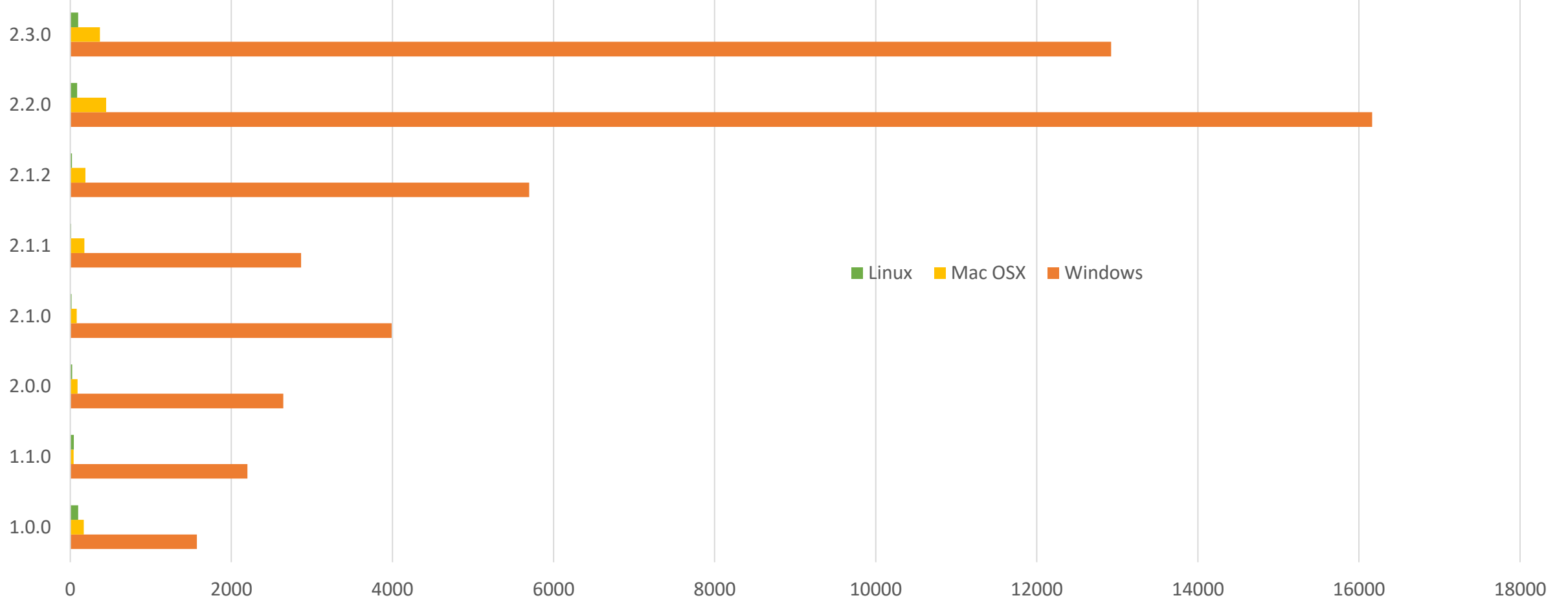


resolved year ▼

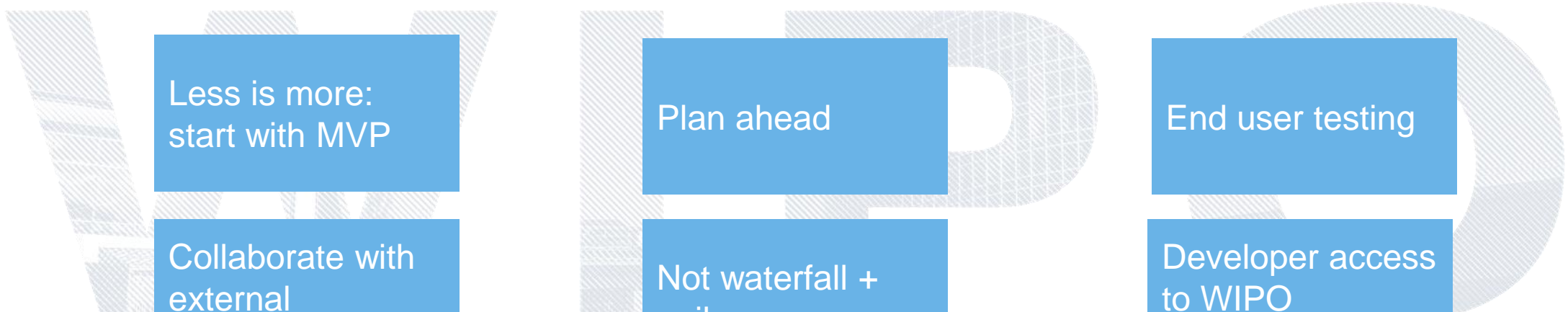
- 2019
- 2020
- 2021
- 2022
- 2023



# Outcome: number of downloads



# 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 release approx. February 2024
- Requirements for future development already identified through stakeholder engagement meetings



Any questions: contact  
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