



WIPO Sequence Suite

Development update

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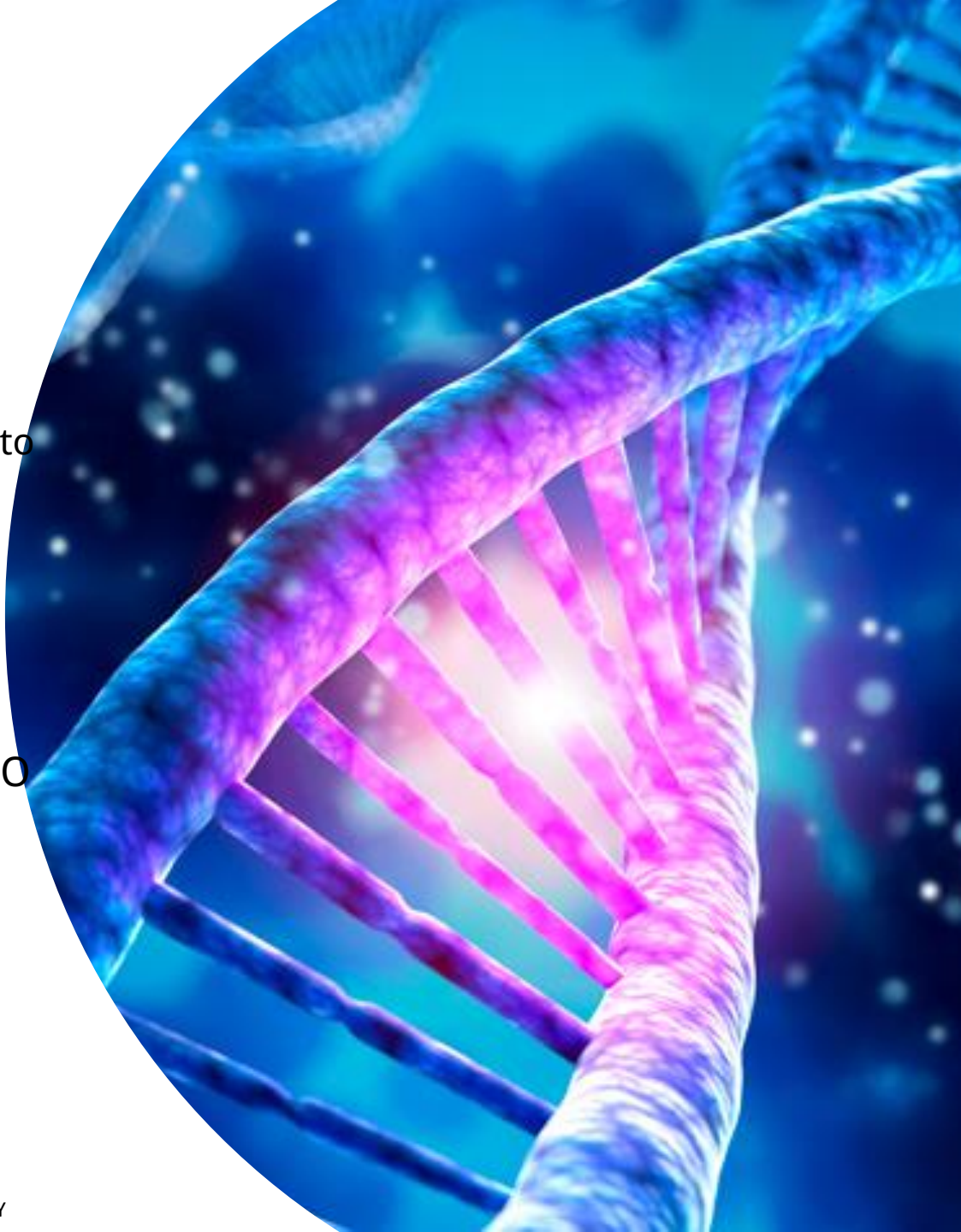
WIPO Sequence Suite Product Owner

Thirteenth session of the CWS

WIPO

WIPO Sequence Suite

- WIPO Sequence Suite is a suite of software tools developed and published by WIPO comprising:
- WIPO Sequence – a desktop application developed for applicants to support generation of WIPO ST.26 compliant sequence listings (latest version 2.3.0)
- WIPO Sequence Validator – a web service developed for patent Offices to validate sequence listings received by their Office to ensure their compliance with WIPO ST.26 (latest version 3.1.0)
- More details including user manuals can be found on the WIPO website at:
<https://www.wipo.int/en/web/standards/sequence/index>



Development projects



2024

During 2024, we finalized development for version 3.0.0 for both WIPO Sequence and WIPO Sequence Validator, with the focus being on improving the performance of the WIPO Sequence Validator in particular by simplifying the technology stack. Version 3.0.0 was released for the WIPO Sequence Validator.

2025

During 2025, we changed our focus to WIPO Sequence and its improvements. Improvements implemented during 2025 development extended the bulk edit functionalities and sought to improve project validation. Version 3.1.0 was released for the Validator and version 3.0.0 was piloted with the Insider Group.

What's new?



Maintenance

- WIPO Sequence 2.3.0 and WIPO Sequence Validator 3.1.0 are currently supported in production
- A major bug was reported with the Validator version 3.0.1, where the verification id was not provided at the start of the validation process
- Version 3.1.0 was released with a resolution



New Improvements

- At a technical stakeholder meeting with Offices, several new improvements were prioritized
- These were implemented during a development cycle from February to October
- Improvements mostly relate to new bulk edit features and improving project validation performance



WIPO Sequence Insiders

- WIPO established this group to conduct pilots with new versions being released
- This cautious approach is the result of the “missing feature table” bug which resulted in many issues for Offices but was not pick up during QA testing
- The Insider group piloted version 3.0.0 of WIPO Sequence between July and September

Latest improvements include...

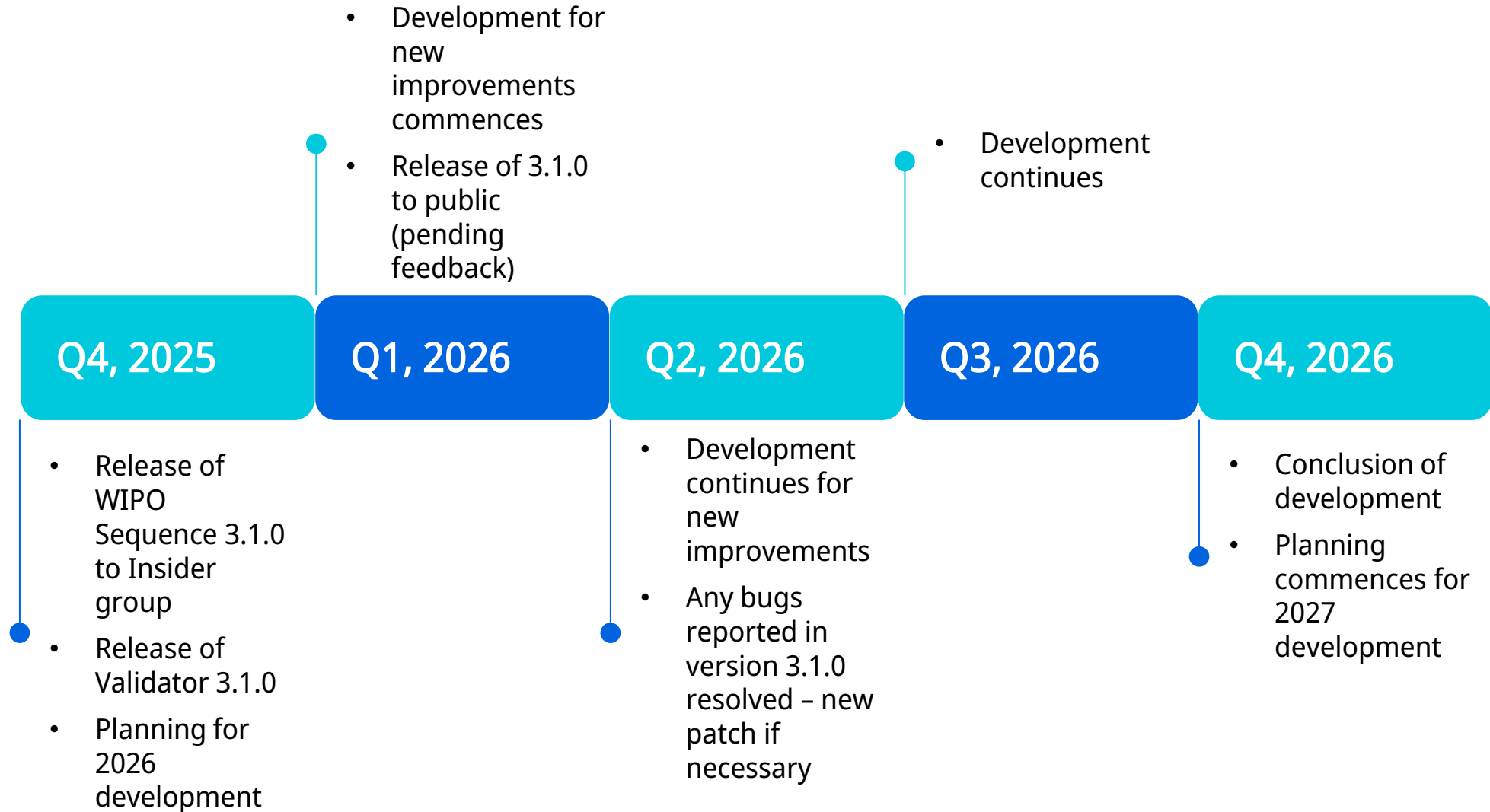
- “Jump to” a particular SEQID
- Warnings implemented for skipped sequences
- Bulk “unskip” of selected sequences
- Mandatory qualifiers are automatically added on feature creation
- Bulk add of multiple copies of a feature to a single sequence
- Bulk adding features with a blank feature location
- Bulk FASTA import
- ... and improvements to performance for project validation



Future development

- Technical stakeholder meeting held in October 2025.
- Resulted in 11 improvements being prioritized for development in 2026
- If WIPO ST.26 version 2.0 is approved, WIPO Sequence will need to be updated to remove verification rules relating to short sequences
- WIPO Sequence Insider group will continue to pilot releases before general release.

Release schedule




The CWS should...

- Subscribe to the WIPO Sequence subscriber list to get updates on development
- Join the WIPO Sequence Insider group if you want to pilot new releases
- Contact the International Bureau if you have any feedback at wiposequence@wipo.int

Always upgrade to the latest version of WIPO Sequence and WIPO Sequence Validator



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