



Roadmap

Wednesday 05 October 2022



Agenda

1 Current versions

2 10.4.02

3 2022 - Roadmap

4 2023 - Roadmap

5 Future

6 Q&A



Current versions (September 2021)

10.4.01

64bit Development (IDE)

Simplify application deployment: Docker support

- License features UCTR/USRVCTR

Installer update mode

Urouter Monitor support for TLS

- TLS Profiles
- uroutmon API (import uroutmon_entities.xml)

Prepare for the future: Repository definition updates

- Requires export/Import migration

10.4.01 + 10.3.03

Simplify licensing: Sentinel Licensing

- Network
- Standalone
- Cloud-Leased

Integration: JAVA call-in (Windows and Linux)

Learn Uniface: E-Learning

Security

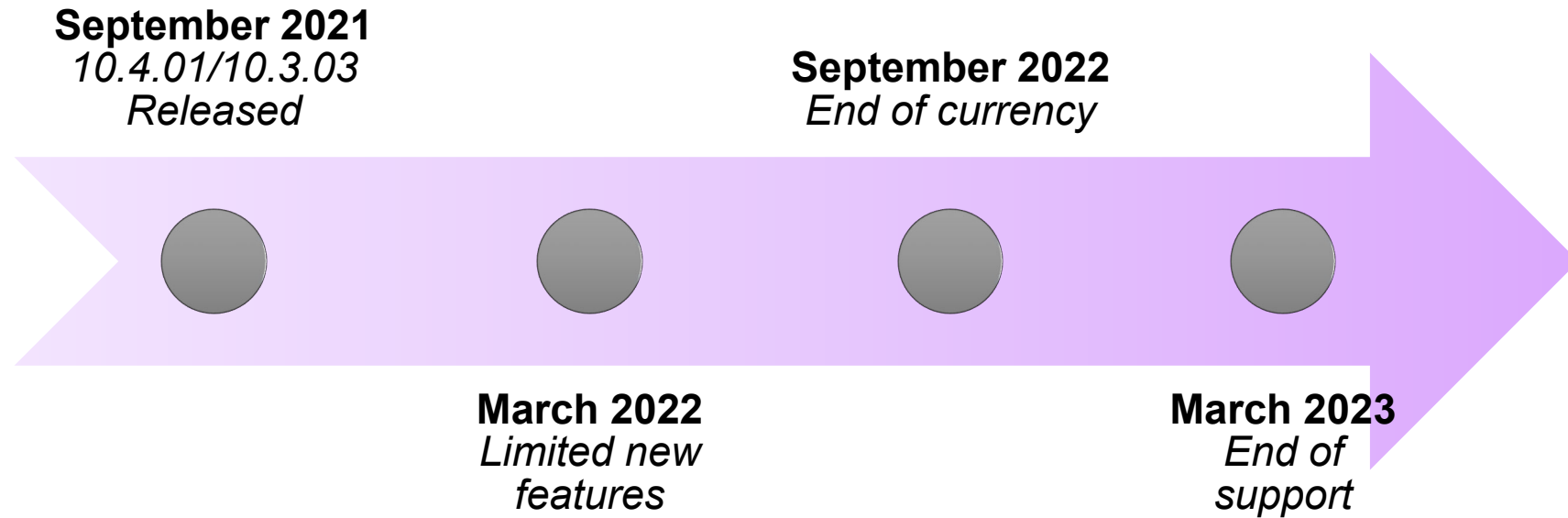
Currency

- Platform/Installation code updates
- CURL
- OpenSSL
- Tomcat 9
- JAVA 17

Moved to standard mobile app build services



10.3 - Extended support



10.4.02

Development



Deliver error-free code: exception handling

- New templates and snippets
- E-Learning
- Enhanced exception bubbling (*)
- rethrow (*)
- finally (*)

Centralized web request processing: USYSHTTP

- Open source
- Exception enabled

Code security: /nodebug for global procs

Struct helper library: USTRUCT

Component's string literal pool size increased

E-Learning

- Exception handling
- Docker
- What's New (*)

Deployment



Simplify application deployment: Docker images

- RedHat UBI minimal
- Available using “docker pull”
- Every Uniface patch

HTML widget - Update CEF (*)

License management enhancements

- Sentinel V10 RMS server
- CloudLM – Cloud based license server

Replacement for CentOS: Oracle Linux (*)

Visual studio 2022

* Delivered after 10.4.02-000



Demonstration



Roadmap - 2022

Development



Deliver error-free code: Exceptions handling

- Debugger enhancements (*)

Application UX/UI: Web Harness

- Web Component support (*)
- Grid

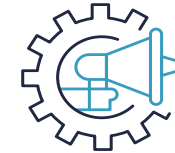
Development productivity

- Client/Server: Load Fields/Fast Form

Learn Uniface: E-Learning modules

- Web Intermediate (*)

Security & Support



Tomcat 10 – Breaking change (*)

Platform and database support

- RedHat 9 (*)

Security & Stability

- xerces (XML) and ICU (NLS)
- Static code analysis (*)

Uniface Anywhere 6.2 (*)

Maintenance

* In Progress



2023 - Roadmap

Planned

- Development
 - Application UX/UI: Web Harness
 - Modeled components: Field & Entity inheritance
 - Code editor productivity
 - E-Learning
 - Certification
 - Web Advanced
 - Single sign-on
 - RESTful Web Services: publish/discovery
- Runtime
 - Client/Server accessibility: Screen readers
 - Integration with log analyzers
 - Security & Stability

Directional

- Development
 - Version control
 - Regular Expressions
- Runtime
 - Container orchestration
 - Dynamic assignment files
 - Web: Application deployment



Roadmap - Future

Developer Productivity

- Cascading Modeled Components
- Browser based development
- Solutions
- “More editors” migration to worksheets
- Team collaboration

E-Learning

- Environment Management
- Standards and guidelines
- Desktop Development

Deployment

- Application Monitoring
- Currency



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