

A background image of a golden wheat field under a bright, hazy sky. The wheat stalks are in sharp focus in the foreground, creating a sense of depth and texture. The overall color palette is warm, dominated by yellows and oranges.

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2022.09 Chlorine lookahead

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Agenda

- Future-looking
- Platform changes
- Current status
- Expected timeline

- Java 17 is required
 - new language features: Records, Text Blocks, Switch Expressions, Sealed Classes, ...
 - run-time improvements: Helpful NPEs, JFR, GC improvements
- Apache Karaf 4.4.0
 - OSGi Release 8

Platform changes: odparent

- Unused declarations removed
 - Google Truth, commons-{fileupload,codec,net}, Jung, jsonassert
- Migration javax → jakarta artifacts
 - ws.rs, annotation-api
 - API-compatible
 - includes Jersey update to 2.35

Platform changes: yangtools

- Cleanup of common.concepts
 - Builder, IllegalArgumentCodec
- Semantic version linking removed
- Performance improvements
 - YangInstanceIdentifier
 - SchemaInferenceStack

Platform changes: infrautils

- Deprecated testutils.concurrent
- Cleaned up utils.concurrent.Executors
- Deprecated utils.StackTraces

- Generated identity references use proper objects
 - Foo.class → Foo.VALUE
- Improved generated Javadocs
- New notification/RPC interfaces
 - No module-level 'FooListener' nor 'FooService' interfaces

Platform changes: aaa

- H2 database upgraded to 2.1.x
 - Requires repopulation
- {web,servlet}-api deprecated in favor of
 - OSGi HTTP Whiteboard
 - Guice Servlet extensions
 - Jakarta EE injection

Platform changes: netconf

- Old RESTCONF removed
 - No more odl-restconf-nb-bierman02
- Improved NETCONF transport layer
 - Improved stability and scalability

Current status

- odlparent-11 released
- infratils-4 released
- yangtools-9 rampdown completed
- mdsal-10 rampdown started
- controller-6 rampdown completed
- aaa/netconf integration incomplete

Expected timeline

- 2022-07-20: MRI projects ready
- 2022-08-04: MRI projects integrated
- 2022-09-19: Formal release



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Questions?

Thank you for attending!

- **Useful links**

- pantheon.tech
- opendaylight.org
- wiki.opendaylight.org

- ODL @ PANTHEON.tech



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