



Minutes & Presentation  
from  
Oxalis Community  
Technical Dialog Meeting

Wednesday April 30th 2022 @ 10AM CET

Link to video from the meeting:

# Agenda

- 1: A short look at the Oxalis Roadmap
- 2: Introduction to main topics: Java Upgrade and eDEC (Arun Kumar)
- 3: What's next on Java Upgrade
- 4: Response to our survey
- 5: Any Other Business?



# Oxalis Roadmap (GitHub -> Oxalis Community -> Projects)

**Oxalis Public Roadmap**

Plan Backlog + New view

Title	Status	Labels	Repository	Milestone
<b>Short Term 1</b>				
38  Peppol International Invoicing (PINT) Support in Oxalis	Q2 2022 – Apr-Jun	Mandatory PoC	OxalisCommunity/Oxalis-Pub	Future
+ Add item				
<b>Long Term 1</b>				
37  Java 17 (LTS) support	Q2 2022 – Apr-Jun	Java upgrade	OxalisCommunity/Oxalis-Pub	Future
+ Add item				
<b>Issue Backlog 31</b>				
6  [AS2] S/MIME canonicalization of application/xml with <CR><LF>	Open Issues- Review Requi	Enhancement Issue	OxalisCommunity/oxalis	5.x.x
7  Oxalis server does not shutdown properly	Open Issues- Review Requi	Enhancement Issue	OxalisCommunity/oxalis	5.x.x
8  Transmission identifier should not be equal to Message-ID	Open Issues- Review Requi	Issue Pri/L Under rev	OxalisCommunity/oxalis	5.x.x
9  Replace Session.getDefaultInstance(...) with Session.getInstance(...)	Open Issues- Review Requi	Enhancement Issue P	OxalisCommunity/oxalis	5.x.x
10  Upgrade "bcprov-jdk15on" to version 1.61 or higher to get rid of security vulnerability [CVE-20	Open Issues- Review Requi	Issue JDK version and li	OxalisCommunity/oxalis	Future
11  why is the one test inAs2InboundHandlerTest actually disabled in 4.0.4/4.1.0/master	Open Issues- Review Requi	Enhancement Issue P	OxalisCommunity/oxalis	5.x.x
12  Digest of MDN not taken from micalg in Disposition-Notification-Options but from digest of th	Open Issues- Review Requi	Enhancement Issue P	OxalisCommunity/oxalis	5.x.x
13  SML lookup problems	Open Issues- Review Requi	Issue Pri/M Under rev	OxalisCommunity/oxalis	5.x.x

# Minutes and notes

- The Roadmap can be found @ GitHub:  
<https://github.com/orgs/OxalisCommunity/projects>
- Private projects available for Oxalis members only
  - Reflects Oxalis Mgmt Team discussions etc

Introduction to main topics: Java Upgrade and eDEC

*Arun Kumar*



# Oxalis Community

Technical Meeting - March, 2022

# Oxalis – Java Upgrade



- Java version to support #
  - Java 11 : LTS, Support until September 2023
  - Java 17 : LTS, Support until September 2026 or later
- Latest java language features Vs Java 8 language features #
- Decision regarding dependencies owned by [Digitaliseringsdirektoratet \(Digdir\)](#) and [klakegg](#) #
  - “[efm-certvalidator](#)” and “[efm-commons-libs](#)” (*commons-bdx, commons-busdox, commons-sbdh*) which are used in “[vefa-peppol](#)” are maintained by “[Digitaliseringsdirektoratet \(Digdir\)](#)” under [EUPL](#) and [MPL](#) licenses
  - “[pkix-ocsp](#)” which is used in “[efm-certvalidator](#)” is maintained by [klakegg](#) (Erlend) under [MPL](#) license
- Basic Infra setup:
  - New Oxalis Repos
  - Build system with GitHub Action
  - Sonatype Nexus Repository
- Contribution:
  - You can join as member or outside collaborator.
  - All developers mentioned here: <https://github.com/orgs/OxalisCommunity/teams/developers> have “write” access. If your name is not there, please share your github account detail.
  - All tasks will be available and managed in dashboard: <https://github.com/orgs/OxalisCommunity/projects/13/views/1> . All developers will have access to this dashboard.
  - Regular discussion can be done either in GitHub developers discussion board <https://github.com/orgs/OxalisCommunity/teams/developers/discussions> or through Slack channel: “[norstellaoxalis.slack.com](https://norstellaoxalis.slack.com)”. All contributors are invited to join.

# - Oxalis Management Team have their own view about this but it will be good to get your view/remarks

# eDEC Specification



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OpenPeppol eDelivery community released new versions of eDEC specifications in 2021. Changes are mentioned in [changelog](#).

Changes relevant to Access Point software are implemented & tested in Oxalis.

- SMP v1.2.0:
  - Reject endpoints which are not yet active
  - Reject endpoints those are no longer active
  - Support added for exact match of ServiceActivationDate and ServiceExpirationDate with current date
  - No action, if ServiceActivationDate and ServiceExpirationDate is/are missing in SMP registration.
- Peppol Policy for use of Identifiers v4.1.0:
  - New characters minus sign (“-“), period character (“.”), underscore character (“\_”) and tilde character (“~”) in Participant Identifier values already supported
- Peppol AS4 Profile v2.0.2
  - “Binary Security Token” for certificate exchange is already supported
  - “cenbii-procid-ubl” as default & provided value of “PMode[].BusinessInfo.Service.type is supported.
- Peppol SBDH Envelope Specification v1.2.1
  - “Content-Type” as “application/xml” supported

Above changes are supported in latest Oxalis ([v5.1.0](#)) and Oxalis-AS4 ([v5.1.0](#)) versions.

*Migration date is May 1st, 2022.*



# Oxalis GitHub Dashboard



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Public Dashboard: <https://github.com/orgs/OxalisCommunity/projects/12>

Dashboard for Gold and Regular Members: <https://github.com/orgs/OxalisCommunity/projects/11/views/1>

Oxalis Developers Dashboard: <https://github.com/orgs/OxalisCommunity/projects/13/views/1>

# Minutes and notes



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Votes are for moving to Java 17, but also for keeping compatibility with Java 8.

There are also valid arguments for not keeping compatibility all the way back to version 8, most notably that this also forces Java 8 compatibility for all Maven libraries.

There will be a meeting for developers who wants to commit to do some actual work on the upgrade on May 4th @ 10:00CET, please contact Stain Skogseth @ [stein.skogseth@edisys.no](mailto:stein.skogseth@edisys.no) if you want an invitation.

Discussions regarding dependencies owned by Digitaliseringsdirektoratet (Digdir) and klakegg. Options are:

- 1: Keep the dependencies and request necessary updates.
- 2: Fork aforementioned repo (keeping original licenses as-is), apply new changes as part of MPL 2.0 license.



oxalis

More information:  
[www.oxalis.network](http://www.oxalis.network)

# Upcomming meetings ( [Oxalis.network](#) -> Activities -> Meetings 2022 )

## **Oxalis Community Technical Dialog Meetings 2022**

[23.03.2022 @ 10:00 CET](#) - Main topic: Java Upgrade and eDEC Specifications status

[15.06.2022 @ 10:00 CET](#) - Main topic: PINT /DDTS

[14.09.2022 @ 10:00 CET](#) - Main topic: Reporting requirements

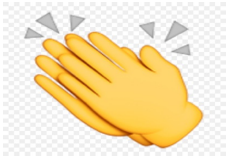
[30.11.2022 @ 10:00 CET](#) - Main topic: CEF Profiles support / BPC – USA E-invoice Exchange Market Pilot

(The dates are links to Microsoft Teams meetings)

Recurring topics: Status on Road map, What's next?, AOB

We are looking forward to seeing (and hearing) you in the meetings!

# Additional meeting: Java Upgrade

- When: May 4<sup>th</sup> 2022 @ 10:00AM CET
- Who: Anyone who can spend time on contributions
  - Code, dependencies, analysis etc
- Status: A good analysis provided by Dmytro Lapko 
- OMT-companies will provide resources
- Join?: Send an e-mail to [stein.skogseth@edisys.no](mailto:stein.skogseth@edisys.no) to get an invitation

# Response to our survey

- Frequency of Oxalis meetings: 3-4 times per year
- Preferred ways of communication:
  1. GitHub
  2. Tech Meetings
  3. Mail
  4. Website
- Topics:
  - New features, Oxalis Compliance, Roadmap
  - Issues, bugs
  - Platform embedding, new app servers

# Any Other Business (AOB)

- Open discussion