27.02.2024 Eclipse AAS4J - PL & Committers meeting

**Project board:** <https://github.com/orgs/eclipse-aas4j/projects/1/views/1>

**Agenda:**

1. **Clean up & future release / prios plan**

* **PR / Bug-fix => Release of Bug-Fix Versions / Snapshot releases / Security Releases – should we deal with it?**
* **Validator**

**TOP 1 PR / Bug-fix => Release of Bug-Fix Versions / Snapshot releases**

* **DECISION - How often should we do bug-fix / security releases 1.0.x**
  + **If it is critical => ASAP => security release**
    - **E-mail**
  + **If it is not critical / just annoying => not ASAP** 
    - **If there are bug-fixes, decide within community meetings either or not to release (bi-weekly)**
* **DECISION - Release Notes**
  + **Within releases, summarize the main changes motivating the release / snapshot release**
  + **Split changes to dependency updates**
  + **GUIDELINE => Please, define easy to understand commit messages so that it can be used to clarify what has been changed within a release**
* **DECISION – V1.0.1 => bug fix release by 01.03 …**
* **DECISION – Release / Snapshot release: once after a release**
  + **Main => V1.0.x will only exist during the release process**
  + **Main => V1.1.x-SNAPSHOT**
* **Validator**
  + [**https://github.com/eclipse-aas4j/aas4j/issues/9**](https://github.com/eclipse-aas4j/aas4j/issues/9)
  + **Who will take care of the issue / feature**

**Next:**

* **AAS Part 1 V3.1 => new classes (AssetLink class, changes on identifiers, …)**
* **Maintain the project board**

30.01.2024 Eclipse AAS4J - PL & Committers meeting

**Project board:** <https://github.com/orgs/eclipse-aas4j/projects/1/views/1>

**Agenda:**

* **AAS4J contributors**
  + <https://www.eclipse.org/projects/handbook/#elections-committer>
* **Final Release status**
  + Open PRs & Reviews?
    - <https://github.com/eclipse-aas4j/aas4j/pull/161#pullrequestreview-1851183794>
    - #PR161 will be addressed ASAP (this week).
    - Final milestone release / **“release candidate”** by end of the week and run test within Eclipse FAS3T and Eclipse BaSyx.
    - Assuming there are no critical issues, we can trigger the (absolutely) final release.
    - Blog / article / whitepaper – documentation of our development process / share insights within IDTA and Eclipse Foundation community
  + After the final release, we should evaluate JSON Serializer
* **aas-core java (posponed)**
* **Empty entries in XML AAS Environment files** 
  + AASX-Package-Explorer / issue was not
  + <https://github.com/eclipse-aaspe/aaspe/issues/9>
  + Decision: add “by-pass”-fix including an information that this is “bypassing the AAS specs so that AASX can be accepted”

06.12.2023 Eclipse AAS4J - PL & Committers meeting

**Project board:** <https://github.com/orgs/eclipse-aas4j/projects/1/views/1>

**Agenda:**

* **Final Release**
  + **Finalize open PRs and tickets**
  + **Final Release should be ready until end of Jan/24**

21.11.2023 Eclipse AAS4J - PL & Committers meeting

**Project board:** <https://github.com/orgs/eclipse-aas4j/projects/1/views/1>

**Agenda:**

* Final release status
  + Milestone release
    - [Add support for thumbnails in AASXSerializer / AASXDeserializer](https://eur03.safelinks.protection.outlook.com/?url=https%3A%2F%2Fgithub.com%2Feclipse-aas4j%2Faas4j%2Fpull%2F165&data=05%7C01%7Cthiago.weber.martins%40sap.com%7C48626accf11342f76dd808dbe6a9f3a4%7C42f7676cf455423c82f6dc2d99791af7%7C0%7C0%7C638357389843557549%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=xeaMirLh7PzHs9D6xsqhWKOU%2BlIO3O0yQ2dwQ18p95Y%3D&reserved=0)
    - [Newly generated V3.0.1 Classes and toString() Method](https://eur03.safelinks.protection.outlook.com/?url=https%3A%2F%2Fgithub.com%2Feclipse-aas4j%2Faas4j%2Fpull%2F159&data=05%7C01%7Cthiago.weber.martins%40sap.com%7C48626accf11342f76dd808dbe6a9f3a4%7C42f7676cf455423c82f6dc2d99791af7%7C0%7C0%7C638357389843557549%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=SU2kMg4%2FFKaiAqyzx3Tbwt8JNLQmRNQpvr5rBGS4bX0%3D&reserved=0)
    - [Fixes XML serialization modifying the original environment](https://eur03.safelinks.protection.outlook.com/?url=https%3A%2F%2Fgithub.com%2Feclipse-aas4j%2Faas4j%2Fpull%2F157&data=05%7C01%7Cthiago.weber.martins%40sap.com%7C48626accf11342f76dd808dbe6a9f3a4%7C42f7676cf455423c82f6dc2d99791af7%7C0%7C0%7C638357389843557549%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=rzJkwoVebM6vS3pbArsZexCZWSGyw1kcqk9gA9MiF0U%3D&reserved=0)
    - [De-/serialize from/to JsonNode](https://eur03.safelinks.protection.outlook.com/?url=https%3A%2F%2Fgithub.com%2Feclipse-aas4j%2Faas4j%2Fpull%2F149&data=05%7C01%7Cthiago.weber.martins%40sap.com%7C48626accf11342f76dd808dbe6a9f3a4%7C42f7676cf455423c82f6dc2d99791af7%7C0%7C0%7C638357389843557549%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=AwoJZO6gDrqIhgb3yccXoBrv%2FVU9jn0xJfVAyvX0Xrc%3D&reserved=0)
    - [Fix de-/serialization for AAS with extension(s)](https://eur03.safelinks.protection.outlook.com/?url=https%3A%2F%2Fgithub.com%2Feclipse-aas4j%2Faas4j%2Fpull%2F136&data=05%7C01%7Cthiago.weber.martins%40sap.com%7C48626accf11342f76dd808dbe6a9f3a4%7C42f7676cf455423c82f6dc2d99791af7%7C0%7C0%7C638357389843557549%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=TxmXUGKNLE4vmpJ1%2B%2FgT6eVrUMS2se94f%2BfUsy634bk%3D&reserved=0)
    - [Extracts common JsonMapper/TypeResolver factories](https://github.com/eclipse-aas4j/aas4j/pull/198)
    - [Fixes wrong namespace in AASX files](https://github.com/eclipse-aas4j/aas4j/pull/205)

🡪 Decision: milestone release as 1.0.0-milestone-04

* + What is still open for the final release?
    - Issues #15, #175, #155 are planned to be done finished until this week
    - Decision: end of week – code freeze, than start the official final release process

07.11.2023 Eclipse AAS4J - PL & Committers meeting

**Project board:** <https://github.com/orgs/eclipse-aas4j/projects/1/views/1>

**Agenda:**

* Final release status
* Issues:
  + Renaming of artifactId see: <https://github.com/eclipse-aas4j/aas4j/issues/35#issuecomment-1786838923>
    - --> Decision: Change artifact Ids to be prefixed with “aas4j-”
      * Will either be done directly before release or after a big change to avoid confusion with PRs differing in artifact Ids
  + [xsiSchemaLocation in generated XML documents not processable by AASXPackageExplorer · Issue #186 · eclipse-aas4j/aas4j · GitHub](https://github.com/eclipse-aas4j/aas4j/issues/186)
    - Currently it is not possible to provide a valid XsiSchemaLocation (e.g., a stable URL). Thus, it will be removed for now.
  + <https://github.com/eclipse-aas4j/aas4j/pull/190>
    - Is generally fine - however, PR contains a lot of unrelated files
* <https://github.com/eclipse-aas4j/aas4j/pull/161>

24.10.2023 Eclipse AAS4J - PL & Committers meeting

**Project board:** <https://github.com/orgs/eclipse-aas4j/projects/1/views/1>

Minutes:

* New Issue (<https://github.com/eclipse-aas4j/aas4j/issues/186>) – Is it related to <https://github.com/eclipse-aas4j/aas4j/issues/158> or <https://github.com/eclipse-aas4j/aas4j/issues/181> ?
* Review needed - <https://github.com/eclipse-aas4j/aas4j/pull/159>
  + Who can help here?

10.10.2023 Eclipse AAS4J - PL & Committers meeting

**Project board:** <https://github.com/orgs/eclipse-aas4j/projects/1/views/1>

**Agenda:**

1. **Project Board**
   1. **Pull requests …**
2. **Release?**
3. **aas-core-works & AAS4J alignment**

**Minutes:**

|  |  |  |
| --- | --- | --- |
| **TOP #** | **Minutes** | **Decisions / action items** |
| **1** | **Project board:** <https://github.com/orgs/eclipse-aas4j/projects/1/views/1>   * https://github.com/eclipse-aas4j/aas4j/issues/155 |  |
| **2** |  |  |
| **3** | **aas-core-works & AAS4J alignment**   * **In case aas-core-works provide java, how should we deal as AAS4J?** * **How should AAS4J leverage aas-core-works?** * **What should be the unique positioning for AAS4J?** |  |

26.09.2023 Eclipse AAS4J - PL & Committers meeting

**Project board:** <https://github.com/orgs/eclipse-aas4j/projects/1/views/1>

**Agenda:**

1. **Meeting cancelled**

**Minutes:**

|  |  |  |
| --- | --- | --- |
| **TOP #** | **Minutes** | **Decisions / action items** |
| **1** |  |  |
| **2** |  |  |
|  |  |  |

12.09.2023 Eclipse AAS4J - PL & Committers meeting

**Project board:** <https://github.com/orgs/eclipse-aas4j/projects/1/views/1>

**Agenda:**

1. **IDTA Open Tech Day – 14.09.2023**
2. **Status V3.0 Final Release**
   1. **Status – can we release it by EclipseCon 23**
   2. **New issues?**
      1. [**Serialized AASX File not readable by the AASX-Package-Explorer (#158**](https://github.com/eclipse-aas4j/aas4j/issues/158)**)**

**Minutes:**

|  |  |  |
| --- | --- | --- |
| **TOP #** | **Minutes** | **Decisions / action items** |
| **1** |  |  |
| **2** | * Utility functions from FA3ST might be relevant to V1.0.0 release |  |
|  |  |  |

29.08.2023 Eclipse AAS4J - PL & Committers meeting

**Project board:** <https://github.com/orgs/eclipse-aas4j/projects/1/views/1>

**Agenda:**

1. **Status V3.0 Final Release**

**Minutes:**

|  |  |  |
| --- | --- | --- |
| **TOP #** | **Minutes** | **Decisions / action items** |
|  |  |  |
|  |  |  |
|  |  |  |

01.08.2023 Eclipse AAS4J - PL & Committers meeting

**Project board:** <https://github.com/orgs/eclipse-aas4j/projects/1/views/1>

**Agenda:**

1. **Status V3.0 Final Release**
2. **Progress Review:** [**https://gitlab.eclipse.org/eclipsefdn/emo-team/emo/-/issues/538**](https://gitlab.eclipse.org/eclipsefdn/emo-team/emo/-/issues/538)
3. **SAP contributions:**[**https://github.com/sap-contributions/aas4j/pull/3**](https://github.com/sap-contributions/aas4j/pull/3) **- CopyConstructor (**[**https://github.com/eclipse-aas4j/aas4j/issues/85**](https://github.com/eclipse-aas4j/aas4j/issues/85) **)**
4. **Issues during AAS4J integration FA3ST-Service**

**Minutes:**

|  |  |  |
| --- | --- | --- |
| **TOP #** | **Minutes** | **Decisions / action items** |
| **1a.** | Wating for +1 PMC | **Decision add:** Notice and Security. Notice add license from 3rd party (e.g. admin-shell-io) |
| **1b.** | Issues regarding Java references. Quick fixes won’t be possible before final release. Ok to be on hold and out of the scope of V.1.0.0 ? Hotfix so that copy constructor won’t be a bug in the V1.0.0 (<https://github.com/eclipse-aas4j/aas4j/issues/59> ). | **Decision:** CopyContructor will be part of the V1.1.0  **Decision:** <https://github.com/eclipse-aas4j/aas4j/issues/59> will be fixed w/o CopyConstructor |
| **1c.** | SameAs method compares references – did not worked well (spec reasons – 4.4.2 matching algorithm for references). In AAS4J - <https://github.com/eclipse-aas4j/aas4j/blob/1574a8bb57b6aec3f591a798388a5174b66bb302/dataformat-core/src/main/java/org/eclipse/digitaltwin/aas4j/v3/dataformat/core/util/AasUtils.java#L198>  Warning should be raised instead – change from false to not false.  Resolve method is a bit more complicated and will be addressed in the future sessions | **Decision:** matching algorithm should be generic regarding the key type – raise an issue on admin-shell-io/aas-specs |

18.07.2023 Eclipse AAS4J - PL & Committers meeting

**Project board:** <https://github.com/orgs/eclipse-aas4j/projects/1/views/1>

**Agenda:**

1. **Status V3.0 Final Release**
   1. **Progress Review:** [**https://gitlab.eclipse.org/eclipsefdn/emo-team/emo/-/issues/538**](https://gitlab.eclipse.org/eclipsefdn/emo-team/emo/-/issues/538)
   2. [**AAS.xsd imposes restrictions to AdministrativeInformation version and revision that doesn't exist in JSON schema #148**](https://github.com/eclipse-aas4j/aas4j/issues/148)
      1. **Decision:** As this concern AAS Spec, this issue should be positioned in https://github.com/admin-shell-io/aas-specs/issues. We will create an issue linking this one.   
         (how to proceed with fixes in the spec? and what are the documents or add-ons that should be considered as normative or not? à IDTA)
   3. [**[Refactoring] Check/Update level of log messages**](https://github.com/eclipse-aas4j/aas4j/issues/144)
      1. **We should define the log levels to be used in one of the meetings prior to the final release**
   4. **Code style à see new Issue #150**
      1. Spotless plug-in
      2. Should we enforce the formatting of code as requested by AAS4J?

* 1. **SAP contributions:**
     1. [**https://github.com/sap-contributions/aas4j/pull/3**](https://github.com/sap-contributions/aas4j/pull/3)
        1. **Part 2 classes (**[**https://github.com/eclipse-aas4j/aas4j/issues/15**](https://github.com/eclipse-aas4j/aas4j/issues/15) **)**
        2. **CopyConstructor (**[**https://github.com/eclipse-aas4j/aas4j/issues/85**](https://github.com/eclipse-aas4j/aas4j/issues/85) **)**
        3. **Default Value (**[**https://github.com/eclipse-aas4j/aas4j/issues/145**](https://github.com/eclipse-aas4j/aas4j/issues/145) **)**
     2. **Value-only serialization (work in progress)**
  2. **Validator (**[**see Throw out Validator for V1 #151**](https://github.com/eclipse-aas4j/aas4j/issues/151)**)**
     1. As it is not in the scope of V.1.0.0, Validator should be removed (see minutes from 09.05)
     2. Validator will be included in the scope of V1.1.0
        1. “Reactive” error message pointing out where in the spec a particular error may occur.
        2. Evaluate how important validator as a core functionality so that it requires additional development ressources.

04.07.2023 Eclipse AAS4J - PL & Committers meeting

**Project board:** <https://github.com/orgs/eclipse-aas4j/projects/1/views/1>

**Agenda:**

1. **Status V3.0 Final Release**
   1. **Warnings überprüfen – was soll ein Warning oder Info geben …**
   2. **We can already start the Eclipse Foundation Final Release Process..**
      1. **Let’s start ASAP**
   3. **Goal (proposal) – final release by end of July – write an e-mail by Week 30 notifying that a version will released and ask to test it.**
   4. **Issue #35 discuessed**

20.06.23 Eclipse AAS4J - PL & Committers meeting

**Project board:** <https://github.com/orgs/eclipse-aas4j/projects/1/views/1>

**Agenda:**

1. **Arno Weiß contributor à committer election**
2. **License File**
3. **AAS4J Dev Support Site**
4. **Status V3.0 Final Release**

**Top 1 Arno Weiß contributor à committer election**

* **Arno was a committer but lost his status. Should he be promoted as a committer?**
  + **Reason: had and still actively contributes to the project**
  + **Action Item – Trigger election**

**Top 2 License File (**[**https://github.com/eclipse-aas4j/aas4j/issues/10**](https://github.com/eclipse-aas4j/aas4j/issues/10) **)**

* **Decision – Action item:**
  + **Remove Copyright Header from License File**
    - **See Eclipse Foundation Guidelines – refer to Git story**
  + **Copyright should be in the header of all code files**
    - **In case a contributor adds new files or significantly changes the files (adding, removing code …), the contributor can than add the corresponding Copyright in the header**
  + **Add Copyright statement in the readme**
  + **Notice file – is there the right place for licenses, copyright – see** [**https://www.eclipse.org/legal/legalfaq.php#h.qfp99yh9nfdc**](https://www.eclipse.org/legal/legalfaq.php#h.qfp99yh9nfdc)

**Top 3 AAS4J Dev Support Site:**

* **Keep using** <https://github.com/orgs/eclipse-aas4j/projects/1/views/1>
* **Delete old and update Invite with the current link**

**Top 4 Status V3.0 final release:**

* **[AAS4J#127 und AAS4J#96] Recap zu Design Entscheidungen/Auswirkungen der neuen Generierungen**
  + **Issue 1: Generator mit Plural-Endungen für die Felder mit Listen erzeugt, also „List<> description“ zu „List<> descriptions“ à keep it singular!**
  + **Issue 2: toString() Method with commata – keep it as it is for V1.0.0. Change it in the future, e.g. V1.0.1 when we have more time**
  + **Issue 3: EventElement is now an abstract class**
* **Project Board / Issues / PR**
  + [**https://github.com/eclipse-aas4j/aas4j/pull/136**](https://github.com/eclipse-aas4j/aas4j/pull/136)
    - **Full AAS example must be adapated** 
      * **JSON**
      * **XML and AASX**
    - **Decision: see comments from** [**https://github.com/eclipse-aas4j/aas4j/pull/136**](https://github.com/eclipse-aas4j/aas4j/pull/136)
      * **Use maximal test files from admin-shell-io (note: “complete” files are outdated)**
      * **Create java that represents the structure of examples containing the AAS model**
      * **Unit Tests should be more granular (AAS Class level), but use example files from IDTA aas-specs** 
        + **For new test, make it more granular à Final V1.0.0**
        + **For existing tests, we must do it step-by-step à Final V1.0.1**
        + **How to deal with CC-BY-4.0 with AAS examples from admin-shell-io? Idea, create folder for the specific examples + README file stating the license (**[**https://github.com/eclipse-aas4j/aas4j/tree/main/dataformat-json/src/test/resources/examples**](https://github.com/eclipse-aas4j/aas4j/tree/main/dataformat-json/src/test/resources/examples)**)**

* **Postponed: Best Practices for Java Libraries – are we ready to close it? (**[**link**](https://industrialdigitaltwin.sharepoint.com/:x:/r/sites/WGOpenTechnology/Freigegebene%20Dokumente/Workstream%20%E2%80%9EOpen%20Source%E2%80%9C/Eclipse%20Digital%20Twin%20TPL%20Projects/Eclipse%20AAS4J/Dev/Best_Practices_for_Java_Libraries.xlsx?d=wfc56a995b22c4a148dfb752a8fa49069&csf=1&web=1&e=iOgM1G)**)**

06.06.23 Eclipse AAS4J - PL & Committers meeting

**Project board:** <https://github.com/orgs/eclipse-aas4j/projects/1/views/1>

**Agenda:**

1. **Student (DFKI) interested on working on RDF**
   * **à Student will align**
2. **Change meeting date / time due to conflict**
   * **Tuesday Series:**
     1. **~~13:00-14:00~~**
     2. **15:30-16:30 …**
        1. **à DECISION: Change time**
3. **Status towards final release**
   * see minutes 23.05 – are there issues / tickets generated.
     1. Best Practices Table discussed, (DECISION: close issue only after all points are addressed for v.1.0.0)
   * V.1.1.0 – Part 2 Classes

23.05.23 Eclipse AAS4J - PL & Committers meeting

**Project board:** <https://github.com/orgs/eclipse-aas4j/projects/1/views/1>

Decisions taken:

Cleanup for v1.0

* jacoco (no hard build failure threshold) -->
* remove (De-)Serializer interfaces --> Arno (Deadline May 29th)
* remove Visitors, Walkers and all other unnecessary Util-classes -->
* remove RDF from repo -->
* correct/suppress IDE-warnings -->

Enhancement for v1.0

* add human-readable toString() method to all classes -->
  + adjust generator, fire up, commit changes
* Discussion for code-quality related considerations -->
* Setup outside github (perhaps IDTA-Teams)
* Finalize discussion in Committers’ meeting June 20th --> all
* add Descriptor-Classes (see <https://github.com/eclipse-aas4j/aas4j/issues/15>) à

Enhancements for v1.1

* Check how proposal differs from swagger-generated structures -->

09.05.23 Eclipse AAS4J - PL & Committers meeting

**Project board:** <https://github.com/orgs/eclipse-aas4j/projects/1/views/1>

**Agenda:**

1. **Extend Meetings to 90 Minutes?**
2. **Naming Scheme (e.g.** 1.0.0-milestone-03.1) ([**https://github.com/eclipse-aas4j/aas4j/pull/98**](https://github.com/eclipse-aas4j/aas4j/pull/98))
   * **Naming convention**
   * **Integration Jackson…**
3. **Archiving AAS4J at admin-shell-io**
4. **Final release**
5. **Project board**

**Top 1 – Extend Meeting to 90 Minutes?**

**à Decision:** Instead of one time 90 / Month, we should do twice 60 / months

**Top 2.a** - **Naming Scheme (e.g.** 1.0.0-milestone-03.1) ([**https://github.com/eclipse-aas4j/aas4j/pull/98**](https://github.com/eclipse-aas4j/aas4j/pull/98))

* à **Decision:** Merge PR and release 1.0.0-milestone-03.1

**Top 2.b - Easy integration of AAS4J JSON Serializer into other projects** <https://github.com/eclipse-aas4j/aas4j/issues/107>

* **DECISION**: evaluate if a) to provide entire Serializer as a custom Jackson module,or b) to extend the standard Jackson Ser/Des classes

**Top 3 – Archiving AAS4J at admin-shell-io**

* **Decision:** old repositories at admin-shell-io will be archived as soon there will be AAS4J final release

**Top 4 – Final release**

* **Plan:**
  + **V1.0.0 - Current state as final release (milestone 1.0.0-…-3 w/o issues and w/o RDF and w/o validator)** 
    - Take out RDF
    - Take out Validator
    - Take out utils
    - Clean-up / quality assurance (e.g. public apis, best practices, test coverage…)
    - Documentation
    - **Start Eclipse Foundation official release process**
  + **V1.1.0 - New features**
    - Serializers according to Pt.2-Output-Modifiers (value-only as prio, …, is there already somethin available in BaSyx)
    - Base-Classes Pt 2 (Descriptor etc) (is it already available in BaSyx / FAAST? Otherwise could SAP provide it?)
    - Reintroduce RDF (V3) serialization
    - Reintroduce Validator / Reimplement Validator in pure Java
    - Reintroduce OPC UA
    - Reintroduce AML
* **Next meeting 16.05:** break down “Clean-up / quality assurance (e.g., public apis, best practices, test coverage…)” + **Documentation** into tasks and resources assignment.
* **Goal:**  have a final realease before EclipseCon 23
* **Note:** There might be small fixes in AAS Spec Part 1
* **Note:** Leverage results IDTA Quality Management WG
* **TO DO: Final Release (v1.0.0 and V.1.1.0 as labels)**
* **Documentation!!!**

11.04.23 Eclipse AAS4J - PL & Committers meeting

**Project board:** <https://github.com/orgs/eclipse-aas4j/projects/1/views/1>

**TOP 1 AAS V3 Stand:**

* PR [https://github.com/eclipse-aas4j/aas4j/pull/86](https://eur03.safelinks.protection.outlook.com/?url=https%3A%2F%2Fgithub.com%2Feclipse-aas4j%2Faas4j%2Fpull%2F86&data=05%7C01%7Cthiago.weber.martins%40sap.com%7C0f9d6883f41b413629a108db3a7bf751%7C42f7676cf455423c82f6dc2d99791af7%7C0%7C0%7C638168076323585612%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=I4jlr%2FsdGHtLiqhFa32hiNVWKqNIAHrozJ3JvQAC7Q0%3D&reserved=0)
  + ISSUE: ENUM / Level Types - inconsistencies "levelType" from aas-specs for V3. In the new version (<https://github.com/admin-shell-io/aas-specs/blob/master/schemas/json/examples/generated/LevelType/maximal.json#L20>, <https://github.com/admin-shell-io/aas-specs/blob/6f7d5b1e386d950cbd02c477d80065fb2e95fa99/schemas/json/aas.json#L902>), LevelTypes are generated as Objects. However, it would make more sense to define / generate them as enum. In the past "LevelType" was generated as enum.
  + DECISION: Need to provide a feedback to aas-spces. Decision "levelType" won't be considered as it is not mandatory in the milestone and shall be included later after the issue is solved
    - PR will be updated to take the "levelType" out
    - l"aas-specs" will be contacted to provide feedback --> (<https://github.com/admin-shell-io/aas-specs/issues/259>)

**TOP 2 Project board:**

* Going through some open issues in <https://github.com/orgs/eclipse-aas4j/projects/1/views/1>

14.03.23 Eclipse AAS4J - PL & Committers meeting

**Project board:** <https://github.com/orgs/eclipse-aas4j/projects/1/views/1>

**TOP 1 - Dev & Release Planning for AAS Metamodel Specification (Final):**

* Meeting rescheduled for 30.03 - 14:00-16:00

* Open Questions:
  + Big delta / changes between RC02 and Final
  + What is the impact of "SubmodelElementCollection" and "SubmodelElementList" regarding immutability?
  + How to use Model Generator?
  + Validation (what are the new constraints, how to implement e.g. via RDF?)
  + Dependencies (Dependabot)
  + Pipelines (Github actions, Jenkins …)
  + Quality assurance requirements - best practices (see Issue # 35), test coverage
  + Change logs / How to protocol the changes for the future
  + Commitment / planning
  + Parking lot: what are the features that are nice to have for future releases (e.g. data model for part 2 such as Submodel Descriptors**)**

* **Goal:** 
  + **Roadmap including the scope of AAS4J will deliver for the final release**
  + **Commitment / Resources assignment**

**TOP 2 - Bugfix Releases - How should we proceed / tangible process**

* Release button - trigger Jenkins Pipelines (committers and project leads)
* For small bugfixes, inform committers / projects leads about upcoming release
* Establish process -
  + For critical bugfixes: continuous releases of bug-fixes once they are fixed,
  + For not critical bugfixes: decision whether to include in releases or not during discussions via mailing list. Include comments in the corresponding PR or Issue on Github.

**TOP 3 - Open tasks:**

* Validation (not prio)

**Action item:**

* Organize an alignment with aas-core-works

14.02.23 Eclipse AAS4J - PL & Committers meeting

**Project board:** <https://github.com/orgs/eclipse-aas4j/projects/1/views/1>

**TOP 1 - Upcoming Release from AAS Metamodel:**

* A final release from AAS4J once there is a final release of the spec
* Missing topics at AAS4J
  + Who is taking care of validation?

**TOP 2 - CI is not working**

* CI ist nicht durchgelaufen
* Issues has been created to address this: <https://github.com/eclipse-aas4j/aas4j/issues/58>

**TOP 3 - Codegenerator from** <https://github.com/aas-core-works>

* Aas-core-works: might have similar scope as AAS4J also verifies (constraints, …) and de/serialize
* AAS4J goals is also to generate code automatically from the specs. Currently, RDF misses descriptions that does not enable the auto-generation
* Align with aas-core-works - how can we work together?

**TOP 4 - Development Process**

* **Releases branch:** for minor or major releases too?
* <https://github.com/eclipse-aas4j/aas4j/blob/main/docs/adr/development_process.md>
* Enhance process based on use cases (how I start when I want to do a bugfix, etc.)

10.01.23 Eclipse AAS4J - PL & Committers meeting

**TOP 0 HAPPY NEW YEAR J!**

**TOP 1 Project Board**

* **Backlog refinement: motivation is that many issues such as** <https://github.com/eclipse-aas4j/aas4j-model-generator/issues/3> **are not clearly described:**
  + We should avoid "Sammeltickets" (one super issue collecting several sub-issues) and ensure that one issue is clearly describe as concrete, small task with the description about what is to be done more tangible.
  + Goal is that every developer can read an issue and know what is the problem, how it could be solved and where to start in the code.
  + ACTION ITEM TO ALL COMITTERS AND PROJECT LEADS: Please review your issues and see if you can break down to smaller issues with a concrete description and tangible tasks

* Clean up unecessary branches

* Finalize Development / Release Process (<https://github.com/eclipse-aas4j/aas4j/issues/32>)

* Should we work following Scrum methodes? Can we plan issues on backlog until next meeting?

* Extend series for meetings

13.12.22 Eclipse AAS4J - PL & Committers meeting

**Project board:** <https://github.com/orgs/eclipse-aas4j/projects/1/views/1>

**TOP 1 - Current status:**

* re-enabling the aasx tests and fixing the aasx code (<https://github.com/eclipse-aas4j/aas4j/pull/52>)
  + Comments will be considered and be merged by the committer that created the PR and merged into RC02 branch
  + Once this is done, the basis for the Release Candidate shall be ready

**TOP 2 - Pre-release:**

* Are we ready?
  + [Merge of PR #52](https://github.com/eclipse-aas4j/aas4j/pull/52) needed
  + Configuration of Jenkins (already assigned)
* What should be the scope?
  + dataformat-json
  + dataformat-aasx
  + dataformat-xml
  + model
  + dataformat-core

* Pre-release naming
  + Decision "1.0.0-milestone-01“
  + For future previews based on previous ("1.0.0-milestone-02“ …)

**TOP 3 -** [.equals methods for collection-like elements#50](https://github.com/eclipse-aas4j/aas4j/issues/50)

* Proposal - Integrate a Test to ensure that there are no misalignments between automatically generated code and AAS specs
* In case misalignments between autogenerated code and AAS specs happen more often, we should consider creating additional code to address that
* Fix individual misalignments manually

**Backlog:**

* **What is our public API**
* Roadmap / Milestone
* Housekeeping (dependencies, best practices, documentation…)

**Next meeting – 10.01.2023**

**à Merry christmas and happy new years!**

08.11.22 Eclipse AAS4J - PL & Committers meeting

**TOP 1 - Review of tasks / issues - Eclipse AAS4J Github project board** <https://github.com/orgs/eclipse-digitaltwin/projects/3/views/1>

* Decision: from now on, we should always work on ["update-to-rc02" branch](https://github.com/eclipse-aas4j/aas4j/tree/update-to-rc02)
* We closed some issues that have been already addressed via PRs
* Assignment of reviews for JSON, XML, AASX

**TOP 2 - Status - release / pre-release actual AAS Metamodel V3 RC02**

* If JSON, XML and AASX works, than we could provide a "release candidate"
* Release Candidate within 4-6 weeks depending if there are no further issues and Eclipse Foundation tasks does not require further governance and IP checks
* Share status with the community about our plans

**Backlog:**

**TOP 2 - Adapt issues (working packages) so that it is easier to contribute within AAS4J => will addressed in the next meeting**

**Next meeting:** 13.12 (hopefully with a release candidate as a early-christmas gitft ;) )

11.10.22 Eclipse AAS4J - PL & Committers meeting

**AAS4J Project Board:**

<https://github.com/orgs/eclipse-digitaltwin/projects/3/views/1>

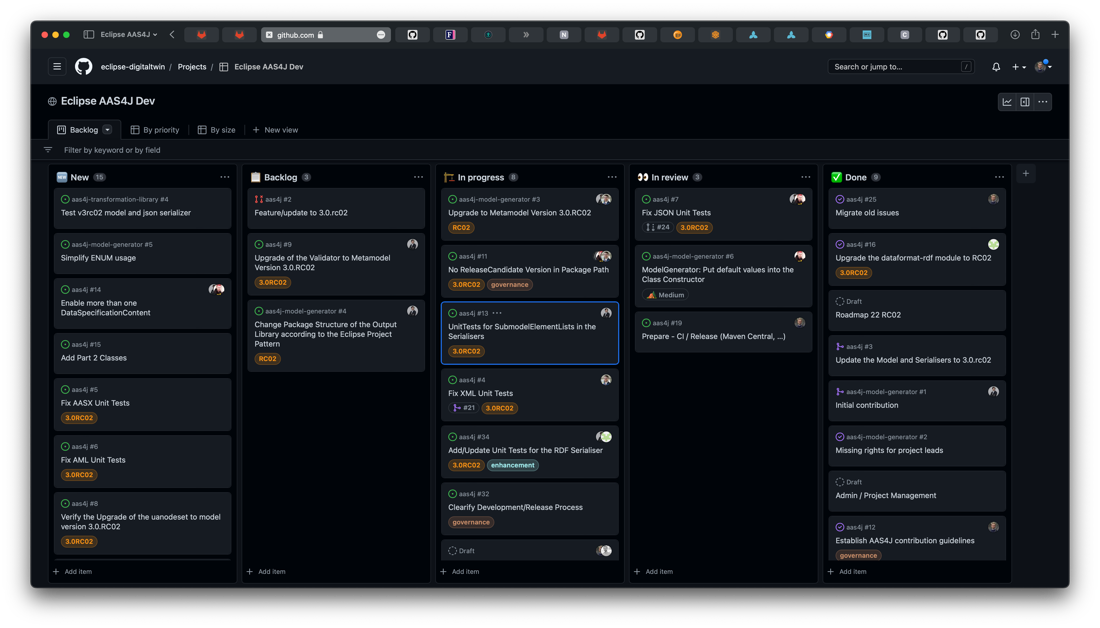
**TOP 1 JSON Deserializer (Stand) --> Transformation Library**

* Noch Probleme aufgrund des "Models" (Schema)
* Transformation Library needs this features (Arno)

**TOP 2 Should be aas4j-trasnformation-library be integrated to aas4j?**

* aas4j-trasnformation-library can be seen as an add-on as it does not directly implement the AAS Specs (Par1 or Part 2)
* Or is it an independent project to aas4j?
* Or should it be the same / different repository?

**TOP 3 Re-structuring of Github Digital Twin**

* <https://gitlab.eclipse.org/eclipsefdn/emo-team/emo/-/issues/134>
* Action item: Project board must be exported to the new organization.
  + 

**TOP 4 - Tickets regarding AML and uanodeset tests**

* All tickets are closed

**TOP 5 - Clearify Development / Release Process**

* <https://github.com/eclipse-digitaltwin/aas4j/issues/32>
* Admin-shell-io: no develop branch needed
* Maintainance of old versions?
* Decisions:
  + We don't need a development branch, we use main to maintain the last development status
  + Branch name should always have a tag (release, bugfix, …)
  + Release branch only for a major version (should be aligned with latest spec of AAS)?
* Ask to all: please have a look at the issue and proposal and if possible, create some examples based on our needs and scenario (how does an efficient development and branching strategy looks like by implementing AAS specs?)

**TOP 6 - EclipseCon 22 Presentation**

* <https://industrialdigitaltwin.sharepoint.com/:p:/r/sites/IDTAIndustrialDigitalTwinAssociatione.V/Freigegebene%20Dokumente/WG1%20-%20Open%20Technology/Open%20Source/EclipseCon22/Presentation/Mission_Digital_Twin_IDTA_EclipseCon22_v0.pptx?d=w2d9275534f7141b9b6e142addab4a7bf&csf=1&web=1&e=XsW11m>
* Do we a have a demo (video)?
  + Write mail as reminder …

**Next meeting:** 08.11.2022

13.08.22 Eclipse AAS4J - PL & Committers meeting

**AAS4J Project Board:**

<https://github.com/orgs/eclipse-digitaltwin/projects/3/views/1>

**Org / admin:** IDTA event (19.10…) and EclipseCon22 presentations

* + Share current slides on AAS4J presented at IDTA Open Tech Days
  + ACTION - we will contact IDTA for a slot IDTA event

**TOP 1 Current status and next steps of V3RC02-metamodells**

* + Due to the late release of AAS Schema (JSON, XML, …), our released will be delayed.
  + DECISION - current works on updating code to the JSON and XML are partially done. Current status on XML will be merged via PR
  + Ask to everyone: use Github project board (<https://github.com/orgs/eclipse-digitaltwin/projects/3/views/1>) and define tasks more abstract as "big" working packages.
  + Release goal end of september? WE should try for it
    - Ask EF for support regarding release

**TOP 2 Codequalität (how to deal with vulnerabilities, dependencies etc.**

**Vulnerabilities / code qualities:** <https://jlbp.dev>

* + Align with SAP internal processes
  + Long term supports
  + Release process / bug fixes for vulnerabilities, dependencies…
  + Ask: can we split the points between all committers.
  + DECISION - ACTION ITEM TO ALL: Committers should read the points from <https://jlbp.dev> and evaluate how far it addresses our code.
  + What do old issues from admin.shell.io (e.g. <https://github.com/admin-shell-io/java-serializer/issues/67>)? We should migrate old issues and mention that the project has migrated to AAS4J. New issue has been created to address this and keep it transparent.

Other topics to be addressed offline:

* Eclipse Digital Twin TPL / Github repositories
* Logo

**Next meeting will take place 11.10.22 and will be extended to one hour so that we can discuss topics in more details.**

09.08.22 Eclipse AAS4J - PL & Committers meeting

**AAS4J Project Board:**

<https://github.com/orgs/eclipse-digitaltwin/projects/3/views/1>

**Top 1 - Eclipse Release / Maven Central - following 3 steps are needed and can be processed in parallel**

1. Coordination (GroupID, …)
   1. groupID: org.eclipse.digitaltwin.aas4j
   2. artifactID: dataformat-parent

1. Versioning (already decided)

1. Finalize code

* We will ask Eclipse Foundation (Wayne Beaton) about Maven Central and groupID, artifactID…are there any guidelines etc…?

**Top 2 - Internal Development proposal from Micheal Jacoby:**

* We should work as done with the following PR (<https://github.com/eclipse-digitaltwin/aas4j/pull/18>)
  + All PR with changed code to development branch (e.g. [update-to-rc02](https://github.com/eclipse-digitaltwin/aas4j/tree/update-to-rc02))
  + Each PR should be reviewed before ist merged to the branch
  + Once all PRs containing all changes needed for a release, do a final review and merge branch into main

**TOP 3 - Automatic proofing of header:**

* Currently, library checking headers is turned off
* In case there is an external contribution (PR), AAS4J community must review and ensure that the header is available

**TOP 4 - Update on Transformation library**

* Transformation library will be addressed as soon JSON serializer is updated (Arno)

Next meeting will be on 13.09.22!

14.07.22 Eclipse AAS Model for Java (AAS4J) - PLs & Committers meeting

**Agenda:**

1. Current status (migration to EF, current setup, presentations etc…)

1. Admin / organisation

1. Roadmap & Releases

**Minute Notes:**

* **Top 1 - Current status (migration to EF, current setup, presentations etc…)**

* **AAS4J - Project Leads / Committers (reference to slide 4 and** <https://projects.eclipse.org/projects/dt.aas4j/who>)**:**
  + **ACTION TO ALL -** Please, update the figures / avatar of your profiles to avoid grey rectangles
  + Some of PLS / Committers avatars are not updated on the AAS4J site - check with Eclipse Foundation

* **Top 2 - Admin / Organization:**

* **DECISION - Agreed to use** <https://github.com/eclipse-digitaltwin/aas4j/projects/1> as Project Management Tool

* **DECISION -** set regular monthly meeting for second Tuesday 14:30-15:00 of month

* Next meeting 09.08.22 - Tuesday 14:30-15:00

* **Contribution guidelines: how we work together:**

* **ACTION** - Look for existing OSS project guidelines ( <https://github.com/eclipse/rdf4j/blob/main/.github/CONTRIBUTING.md>) and select one that fits our needs

* **DECISION -** Work with forks

* **DECISION** GitHub – Main (maintained current release) & Branch (development of new features), Releases (Maven Central)

* Release Review / Eclipse Foundation with IP Review

* **ACTION (See roadmap)** CI: use GitHub Actions and Eclipse infrastructure (Maven Central Account, Jenkin) (TO DO)

* **OPEN / TO BE DISCUSSED ASAP - Versioning and how to deal with V3 RC02 and V3 (final, stable)**
  + Issue / requirements: some companies require v.1.x.y so that it can be used in production

* **Top 3 - Roadmap:**
  + See slides and Github Project Board for milestones and assignements

* **GOAL- Release End of September (AAS4J and AAS4J model generator)**
  + **Challenge - Versioning and how to deal with V3 RC02 and V3 (final, stable) (see above)**

* **Note - AAS4J Transformation Library was not discussed**

* **Misc - not discussed in the meeting but still relevant**

**Next meeting will be on 09.08.22!!!**

* **AAS4J presentation at IDTA Open Tech Day**
* **AAS4J will presented at EclipseCon 22**
* **Logo - We need a logo, proposals?**

**Eclipse Minutes – 18.05.2022**

**Thema – Migration from admin-shell-io to eclipse foundation:**

* New project structure proposal:

1. <https://github.com/eclipse-digitaltwin/aas4j>
   * 1. <https://github.com/admin-shell-io/java-model>
     2. <https://github.com/admin-shell-io/>[java-serializer](https://eur04.safelinks.protection.outlook.com/?url=https%3A%2F%2Fgithub.com%2Fadmin-shell-io%2Fjava-serializer&data=04%7C01%7C%7C70b32df891c04049da0c08d96853805f%7C6868843bf0124c95a18ebab826cca9ac%7C0%7C0%7C637655530132869703%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C1000&sdata=Feotg2%2BwD2h3lHSSc2tnuh0XrqmUvDQL4kLEAoOaJSM%3D&reserved=0)
     3. <https://github.com/admin-shell-io/java-serializer/tree/main/validator>
2. [admin-shell-io/java-generator](https://eur04.safelinks.protection.outlook.com/?url=https%3A%2F%2Fgithub.com%2Fadmin-shell-io%2Fjava-generator&data=04%7C01%7C%7C70b32df891c04049da0c08d96853805f%7C6868843bf0124c95a18ebab826cca9ac%7C0%7C0%7C637655530132859747%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C1000&sdata=q0E4XJF82Lbnp45XKLaa%2BfDiUBj%2Bp5P%2F%2BUKdLhQ40iU%3D&reserved=0) --> <https://github.com/eclipse-digitaltwin/aas4j-model-generator>
3. [admin-shell-io/aas-transformation-library](https://github.com/admin-shell-io/aas-transformation-library) --> <https://github.com/eclipse-digitaltwin/aas4j-transformation-library>

Eclipse Initial Contribution process: <https://www.eclipse.org/projects/handbook/#ip-initial-contribution>

**Decisions:**

* Use https://github.com/admin-shell-io/java-serializer as basis for <https://github.com/eclipse-digitaltwin/aas4j> and add <https://github.com/admin-shell-io/java-model>. Meaning add a “model” folder into <https://github.com/eclipse-digitaltwin/aas4j> and add the content from https://github.com/admin-shell-io/java-model
* W.r.t. versioning:
  + Software and (AAS) model version number are independent
  + AAS4J from a software perspective starting:
    - V.0.1.0: migrated code from admin-shell-io
    - V.1.0.0: when AAS model V3 RC02 is supported
  + AAS4J from a AAS model perspective
    - Currently mix up of V3 RC1 and RC2 (V.0.1.0 in AAS4J)
    - Next release V3 RC02
      * Namespace must be updated to “/v3rc02” instead of “/v3”
  + Group ID: “io.admin-shell.aas” zu “org.eclipse.aas4j”
  + Adapt CI (note: aas4j-model-generator might be more challenging)
* Github/Admin-shell-io: notice users and community that the work is carried on in Eclipse AAS4J

**Next step:**

* Trigger the migration process asap from admin-shell-io to Eclipse AAS4J
* Notify in Readme that project is migrated to Eclipse
* Set up meetings Eclipse AAS4J with commiters and project leads

**Backlog:**

* What happens if we also have a release for V3 RC02? Should we maintain archive?