

# API TECHSPEC PROJECT

MEETING #10, DATE 2022-04-12 @ 10:00 BERLIN-TIME

## Attendance

<b>Present:</b>
Jörg Walther (project leader) Ian Watts (supporting VC)
Rudy Hemeleers Gerhard Heemskerk Hisanao Sugamata (ゲスト) Andreas Pelekies Hertzfeldt, Jenny Andreas Pelekies Edmund Gray Piergiorgio Licciardello Svante Schubert Thor Baunsgaard
Maria Ceccarelli (UN secretariat) Kevin Bishop (UN secretariat)

## Agenda of the meeting

1. Open actions:
  - a. Sample export of the BSP model and related specifications – Andreas
  - b. Review of the current specification draft – all project members – no comments so far
  - c. Check options for a publication infrastructure for the exported repository – UN/CEFACT secretariat
2. Review / evaluation of the sample export
3. Finalisation of the specification draft part 1- NDR
4. Start working on API design rules.

## Details of the discussion

1.
  - a. Andreas presented the document centric profile export of Certificate of Origin data structures (i.e. all model layers are exported, but only the elements used in the context of CoO). The group is requested to review once uploaded. It appears to be much smaller than the previous export and easier to work with.  
Until the next meeting he will provide the snapshot version. The group decided, there is no requirement that the snapshot version must be processable by free of charge tools. It must be a valid JSON schema of course and processable with professional tools.
  - b. Review of the JSON NDR document: no comments or change requests so far.
  - c. Kevin confirmed that UN/CEFACT has a GitHub account and can publish technical artefacts there.
2. See 1.a.
3. The document is deemed as final and will be forwarded to the Bureau on 20. April for public review.
4. Starting point will be the latest version of Steve Capell's API design rule document – Gerhard will check whether there have been updates since the publication last year.  
For PoC the group will use the Transformation Event from SDCE TL context CCL.

The group requests to give Andreas access to this library so that he can initiate an export according to JSON NDR.

Gerhard to provide the expected functional requirements from the T&L project.

Svante informed about parallel activities at ISO TC 154 in collaboration with DCSA and potentially useful documents:

- a. There is a swagger generator fork, the <https://github.com/OpenAPITools/openapi-generator> might be worth to check what is its feature set (and compatibility) at least they are both generating according to the Open API spec! :-)
- b. There are many REST API guidelines, unfortunately there is no DIFF between them: <http://apistylebook.com/design/guidelines/>
- c. [https://app.swaggerhub.com/apis-docs/dcsaorg/DCSA\\_EBL/2.0.0-Beta-1](https://app.swaggerhub.com/apis-docs/dcsaorg/DCSA_EBL/2.0.0-Beta-1)

Thor will reach out to TC 154 for more information on the DCSA work item.

Next steps:

The group requests to extend the project in order to accomplish the goal of a comprehensive recommendation including PoC – Jörg to contact the Bureau.

Actions: see above.

Next Meeting: 26.04.2022, 10:00 – 11:30 CEST

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