

UN/CEFACT Project Proposal

Project Name:	Application Programming Interface Technical Specification (API TechSpec)		
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Date submitted:	19 July 2021	Proposed by:	VC Laskowski
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1. Project purpose

Required

Multiple groups within UN/CEFACT wish to develop standard Application Programming Interfaces (APIs) as part of the set of technical deliverables from their project. The RDM2API project demonstrated that it is possible to go from the semantics of UN/CEFACT towards APIs. This project aims to develop a technical specification in order to move from Reference Data Model (RDM) based deliverables to a standardized API which retains the richness of information available in RDMs.

2. Project scope

Required

Develop a technical specification which will standardize API production for UN/CEFACT RDM-based deliverables.

3. Project deliverables

Required

Deliverable 1:	Application Programming Interface Technical Specification (API TechSpec)
Deliverable 2:	
Deliverable 3:	
...	

4. Exit Criteria

Required

Exit Criteria for Deliv. 1:	API Tech Spec ready for publication and Public Review disposition log demonstrating that all Public Review comments have been addressed
Exit Criteria for Deliv. 2:	
Exit Criteria for Deliv. 3:	
Exit Criteria for ... :	

5. Project Team membership and required functional expertise

Membership is open to UN/CEFACT experts with broad knowledge in the area of:	UN/CEFACT e-business standards and/or API technical knowledge
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In addition, Heads of Delegations may invite technical experts from their constituency to participate in the work.

Experts are expected to contribute to the work based solely on their expertise and to comply with the UN/CEFACT Code of Conduct and Ethics and the policy on Intellectual Property Rights.

6. HoD support

Required for Technical Standards, Business Standards and UNECE Recommendations. And at the request of the UN/CEFACT Bureau.

Projects that require HoD support must obtain this within 6 months of Bureau provisional approval.

7. Geographical focus

The geographical focus of the project is global

8. Initial contributions

The following contributions are submitted as part of this proposal. It is understood that these contributions are only for consideration by the Project Team and that other participants may submit additional contributions in order to ensure that as much information as possible is obtained from those with expertise and a material interest in the project. It is also understood that the Project Team may choose to adopt one or more of these contributions "as is".

List any initial contributions:

- RDM2API project "JSON-LD Vocabulary Publishing" guideline
- RDM2API project "API 3.0 NDR and interface conformance rules" guideline

9. Resource requirements

Participants in the project shall provide resources for their own participation. The existence and functioning of the project shall not require any additional resources from the UNECE secretariat.

Any additional request:

10. Proposed project leadership

Proposed: Ian Watt E-mail: ianwatt@nextradeworld.com

Proposed: E-mail:

11. Milestones (repeat for each deliverable, if different)

The following are draft milestones of the project.

Yes/No	ODP Stage	Expected Completion Date (Approval + XX months)
Y	Project Inception	Approval + 1 month
Y	Requirements gathering	Approval + 1 month
Y	Draft development	Approval + 6 month
Y	Public Draft Review	Approval + 8 month
Y	Project Exit	Approval + 9 month
Y	Publication	Approval + 9 month