UN/CEFACT 2021 Virtual Forum
API Projects Status Update

RDM2API

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RDM2API – Scope

To define rules for

- Publishing UN/CEFACT semantics (data models & code lists) as machine consumable JSON-LD vocabulary.

- To define rules for designing and publishing Open API 3.x specifications that leverage the standard vocabulary.
RDM2API Why JSON-LD?

Because it is already used by millions of websites. For example:  
https://schema.org/Recipe

Is why google recipe snippets look so consistent even though they come from 1000’s of different sites

Imagine if 1000’s of different supply chain consignment websites could be interpreted as consistently recipes!

That’s why our JSON-LD NDR follows the same technology practices as schema.org

https://service.unece.org/trade/uncefact/vocabulary/uncefact/
Why Open API 3.x?

Because it is the de-facto standard for expressing API specifications. All web developers are familiar with it - and it works with 100’s of different tools.

Here's a quick refresher on API terminology:


You need to keep this map handy

So you know how to navigate the rather large UN/CEFACT vocabulary
Now let's see it in action

Preferential certificate of origin worked example

Feel free to contact me
• Via e-mail at: Steve.capell@gmail.com
• Via slack chat at: https://edi3.org/community/