

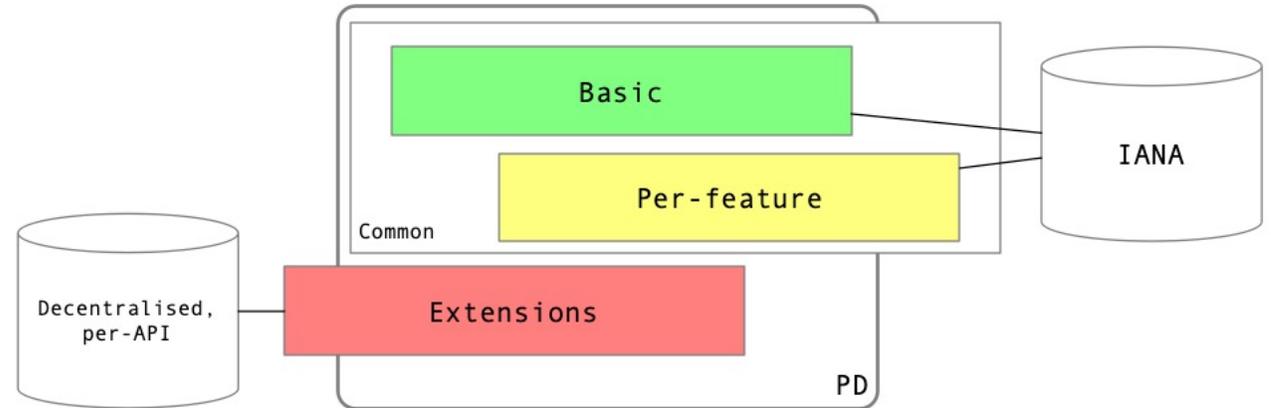
Problem Details for CoAP APIs [status update]

CoRE WG Virtual Interim 2021-05-12

Recap (timeline)

- Draft adopted (-00), May 2020
 - On the premise that this would be a CoRAL embodiment that we'd use to put some CoRAL concepts to the test
- -01 published, Jul 2020
 - Structure and some of the *easy* fixes added in
- Editors meeting regularly until end of Dec 2020
 - Discussion on the *not-so-easy* design aspects, including extensibility of the semantics & discovery
- *3 months hiatus (during which the draft expired)*
- Activity restarted early April 2021 - together with the CoRAL building blocks

Open Issues



a) Minor editorial stuff

b) Completing the common data model

- Basic attributes (title, type, details, ...) **[DONE]**
- Optional, per-feature attributes (targeted at common use cases) **[DOING]**

c) Allow extending the data model on a per-API basis **[TODO]**

- Goals:
 - *Easy* to register (for a developer != standardization geek)
 - Allow compact representation
 - Discoverable by API consumers
 - Possibly no private/public separation

(<https://github.com/core-wg/core-problem-details/issues>)

Next steps

- One plausible plan could be to complete the activity around a) and b) from slide 3 before IETF 111
 - This would result in the publication of -02 - and perhaps -03 as well, depending on how we slice the work
- In parallel, we need the wider CoRAL discussion on dictionaries and discoverability to converge
 - Once we have that, I expect we can just use that machinery in PD and be done with it