DID Resolution

A work item of the W3C CCG

29nd August 2019 **IPR rules apply!**

Zoom Call: https://zoom.us/j/7077077007

Text Chat: http://irc.w3.org/?channels=ccg (type q+ to get into the queue)

This call is being recorded!

Agenda Thursday 29 August 2019

- Welcome and CCG IPR reminder
- Call info and scribe selection
- Agenda creation/review/prioritization
- Dereferencing a DID URL:

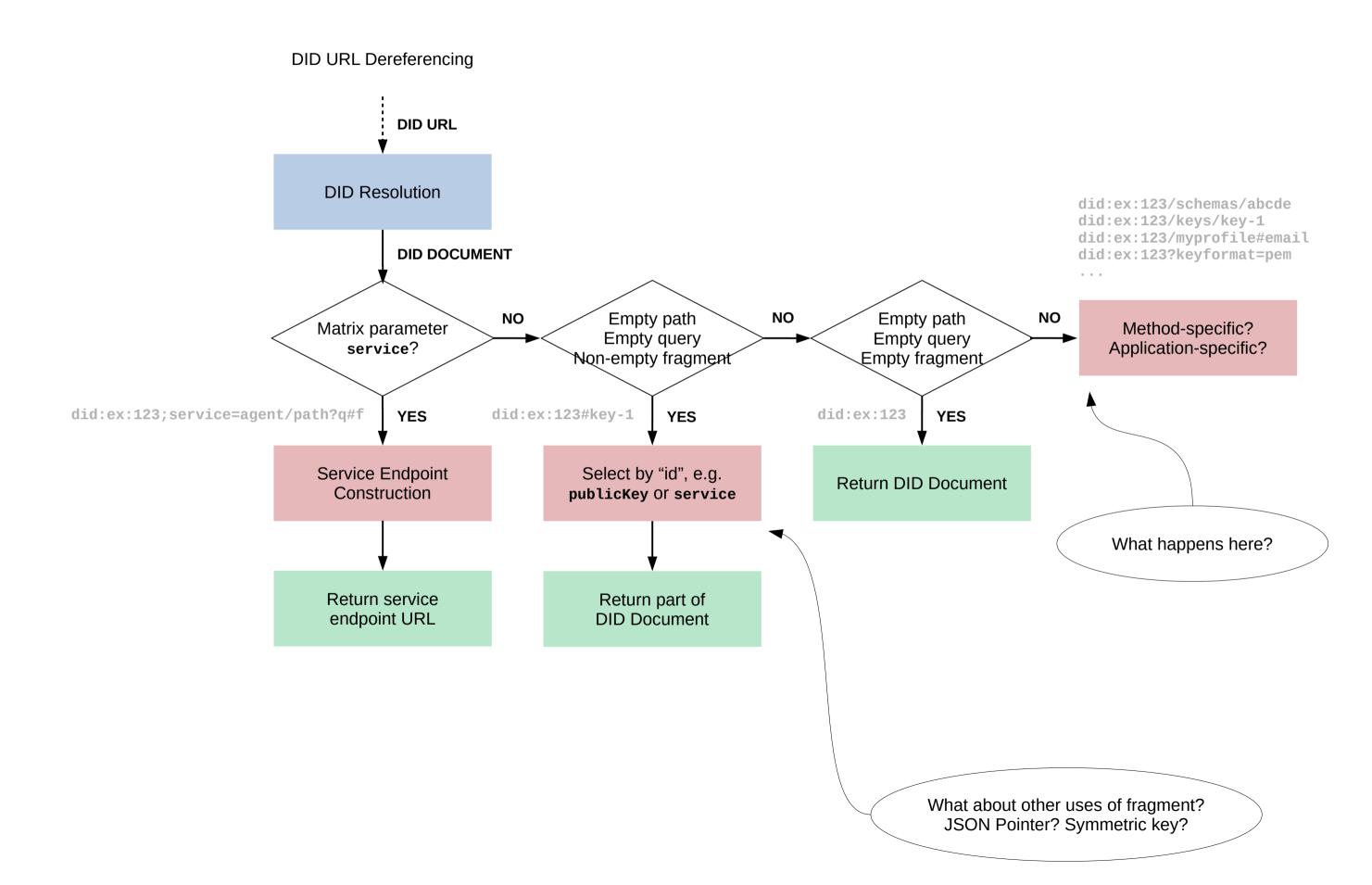
Fixing the algorithm (continued). What happens where in the resolver architecture?

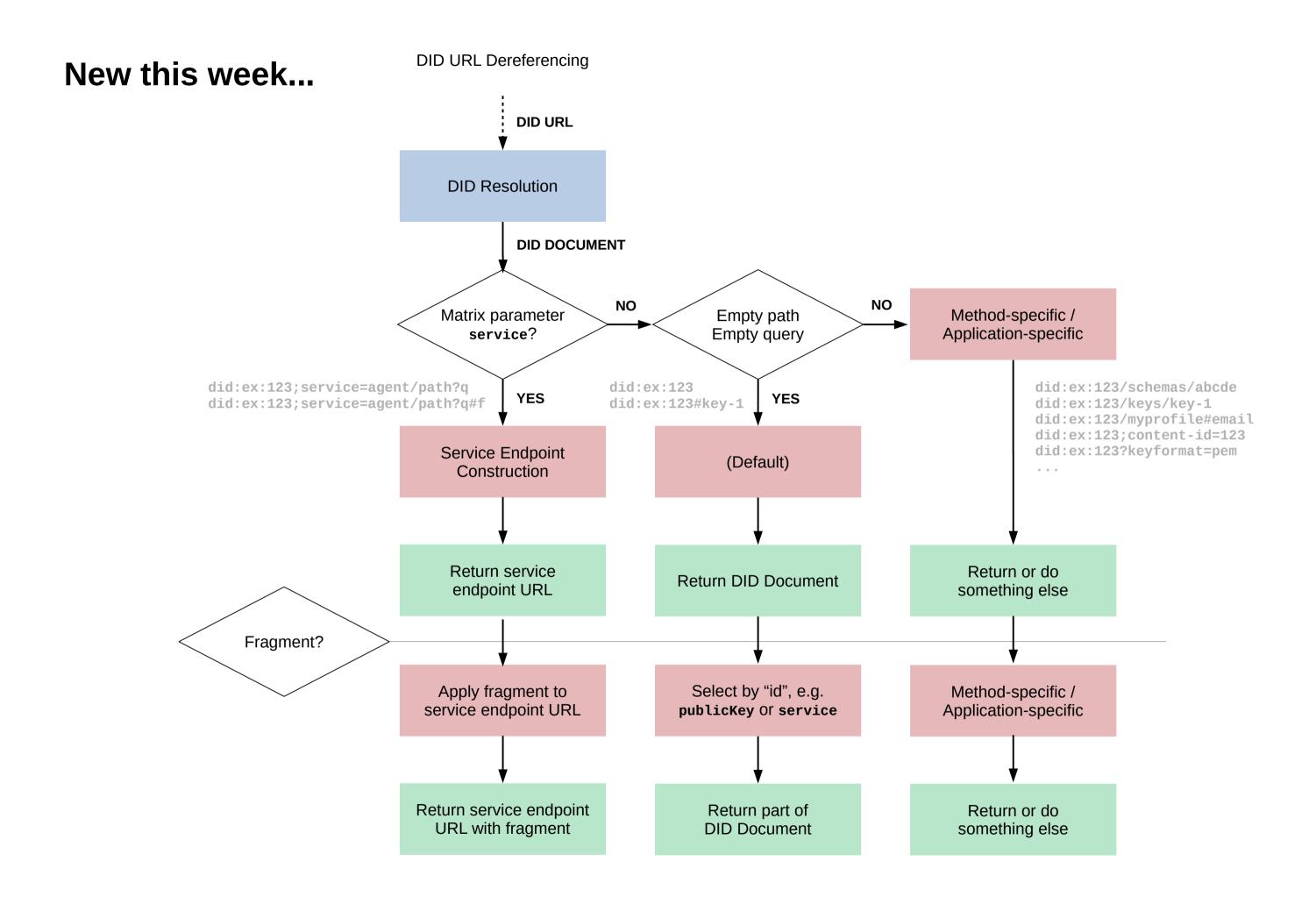
Review new diagrams:

https://github.com/w3c-ccg/meetings/tree/gh-pages/2019-08-29-did-spec-and-resolution

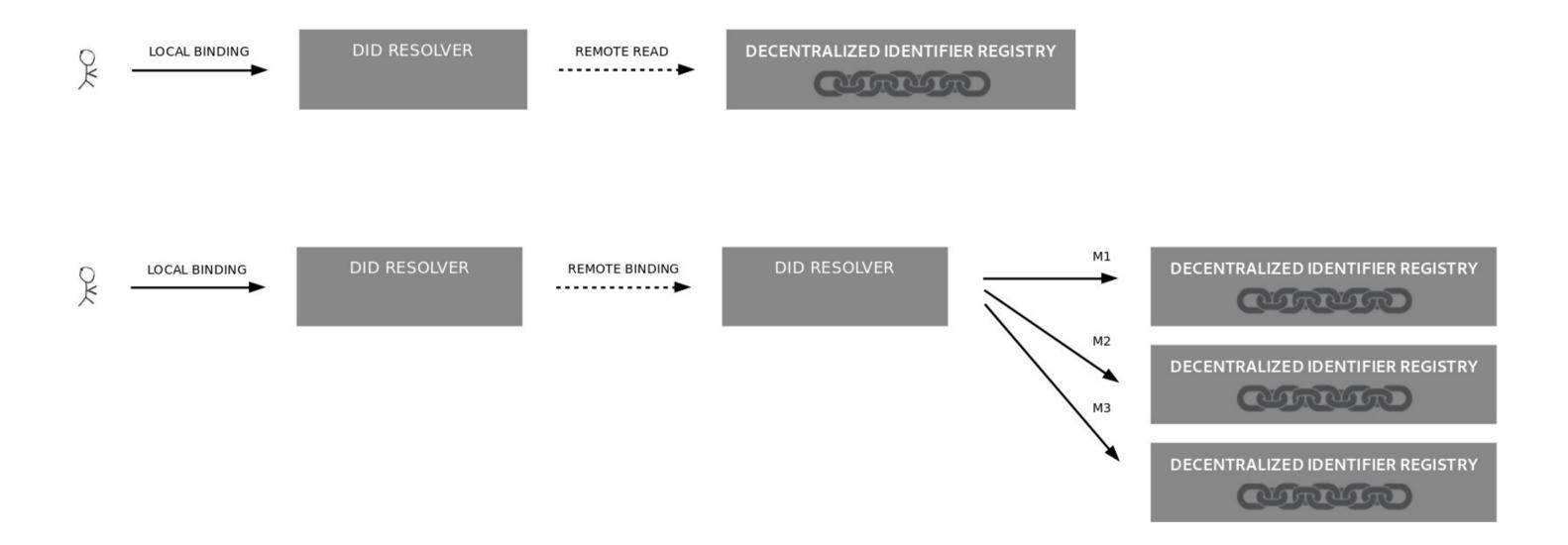
- Plans for Rebooting-the-Web-of-Trust #9 in Prague
- AOB
- Next meeting

From last week...





Resolver architectures

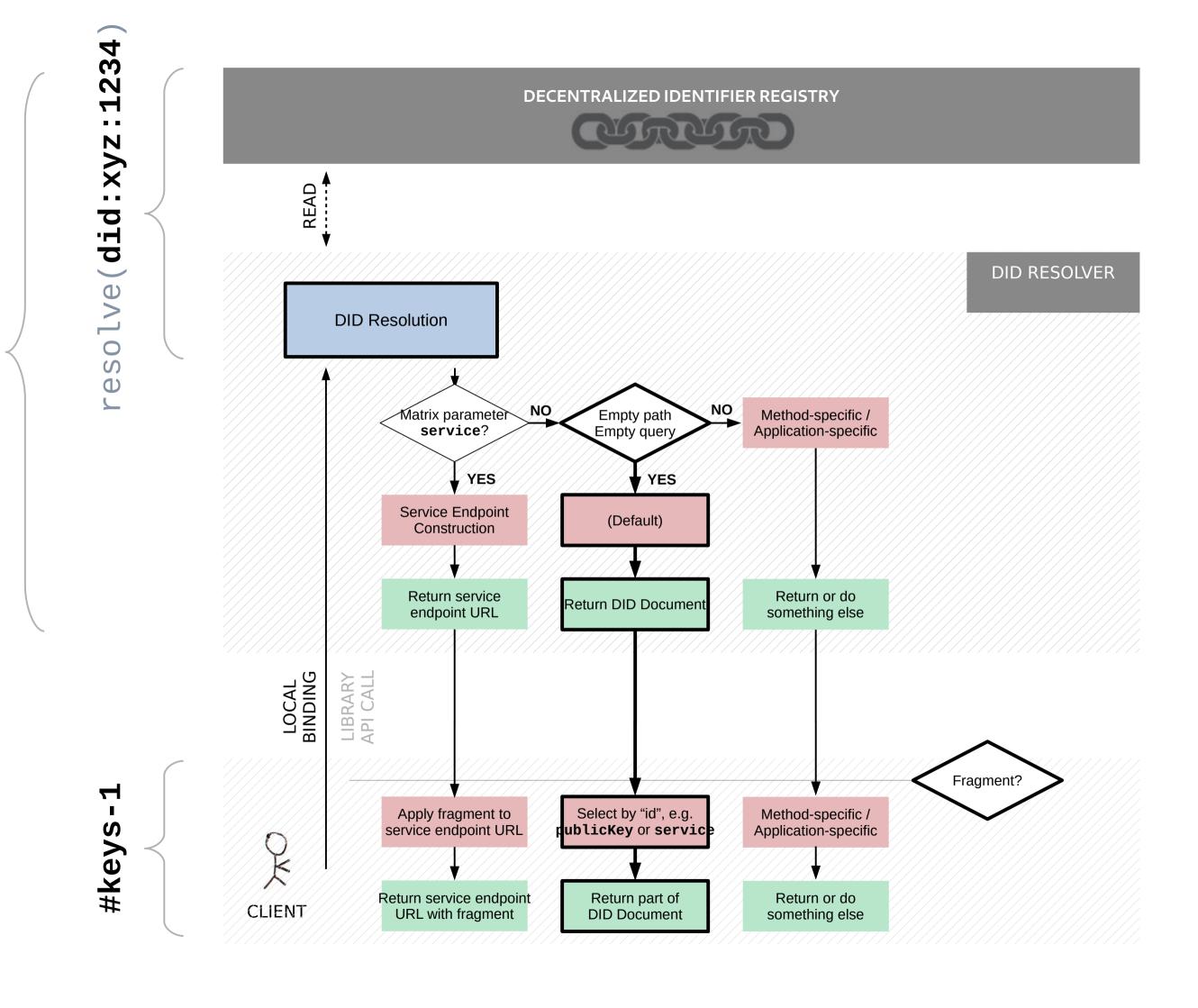


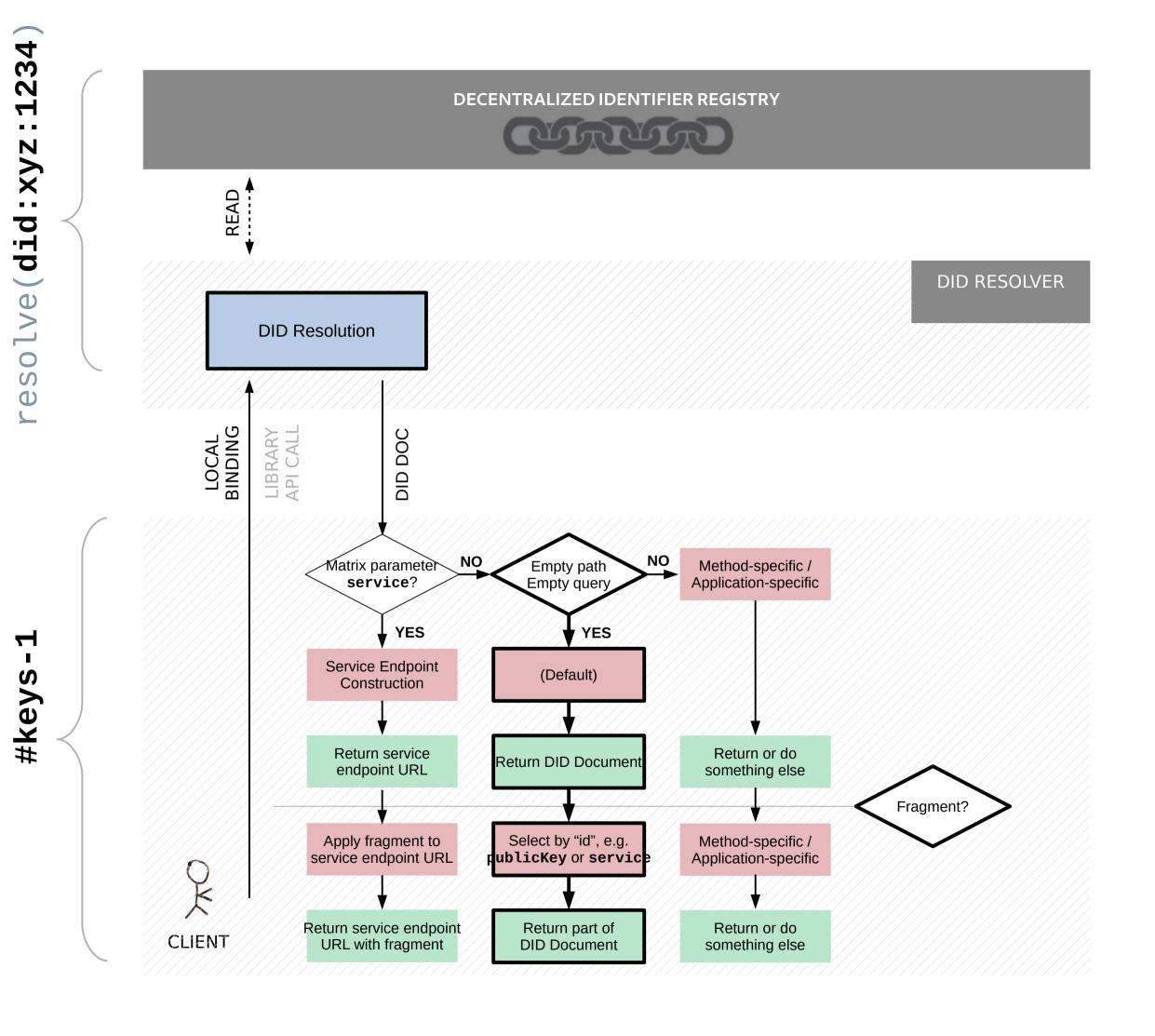
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1234

resolve(did:xyz

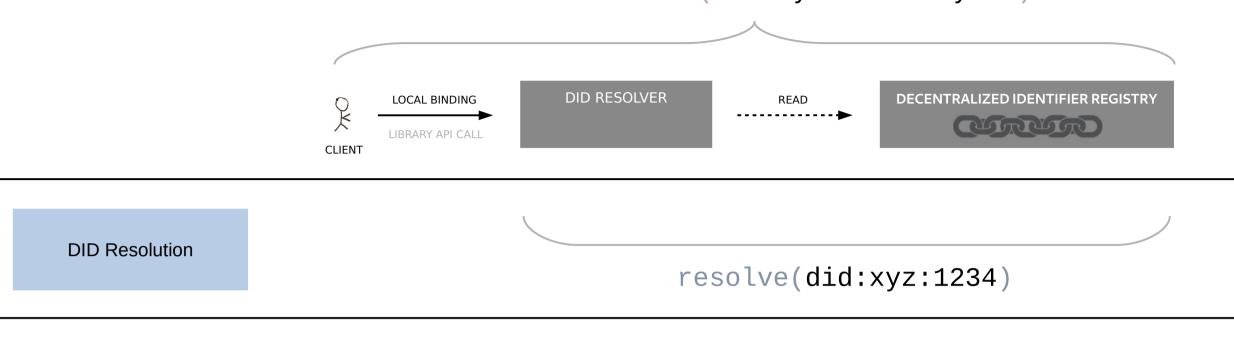
#keys-1

 \forall

dereference(did:xyz:1234#keys

DECENTRALIZED IDENTIFIER REGISTRY CALLER LY READ DID RESOLVER **DID** Resolution NO NO Method-specific / Application-specific Matrix parameter Empty path Empty query service? YES YES Service Endpoint (Default) Construction Return service Return or do Return DID Document something else endpoint URL Fragment? Apply fragment to service endpoint URL Select by "id", e.g. Method-specific / Application-specific rublicKey or service LOCAL BINDING LIBRARY API CALL Return service endpoint Return part of Return or do CLIENT URL with fragment **DID Document** something else

dereference(did:xyz:1234#keys-1)



Select by "id", e.g. publicKey or service

#keys-1

dereference(did:xyz:1234#keys-1)

