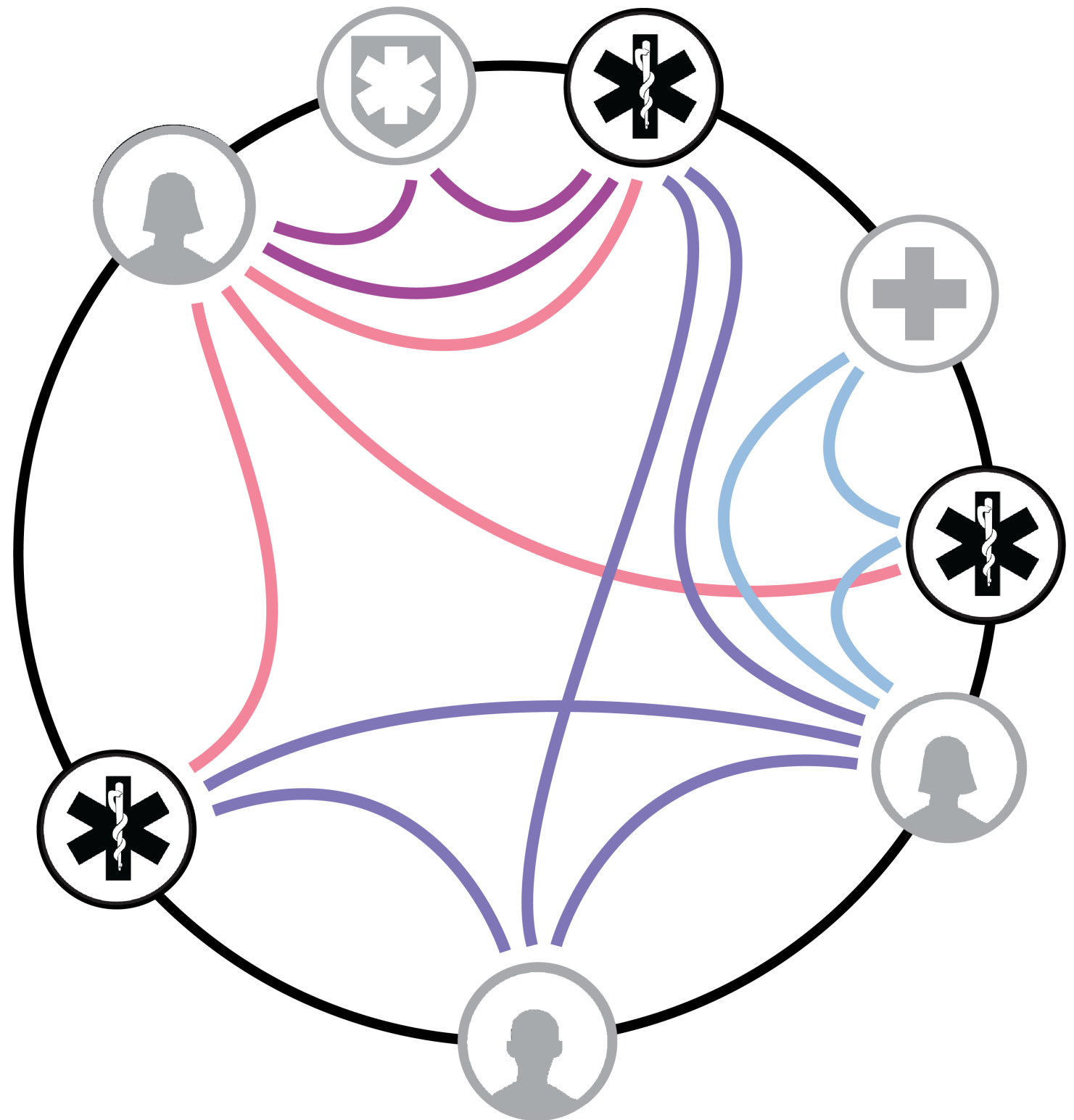
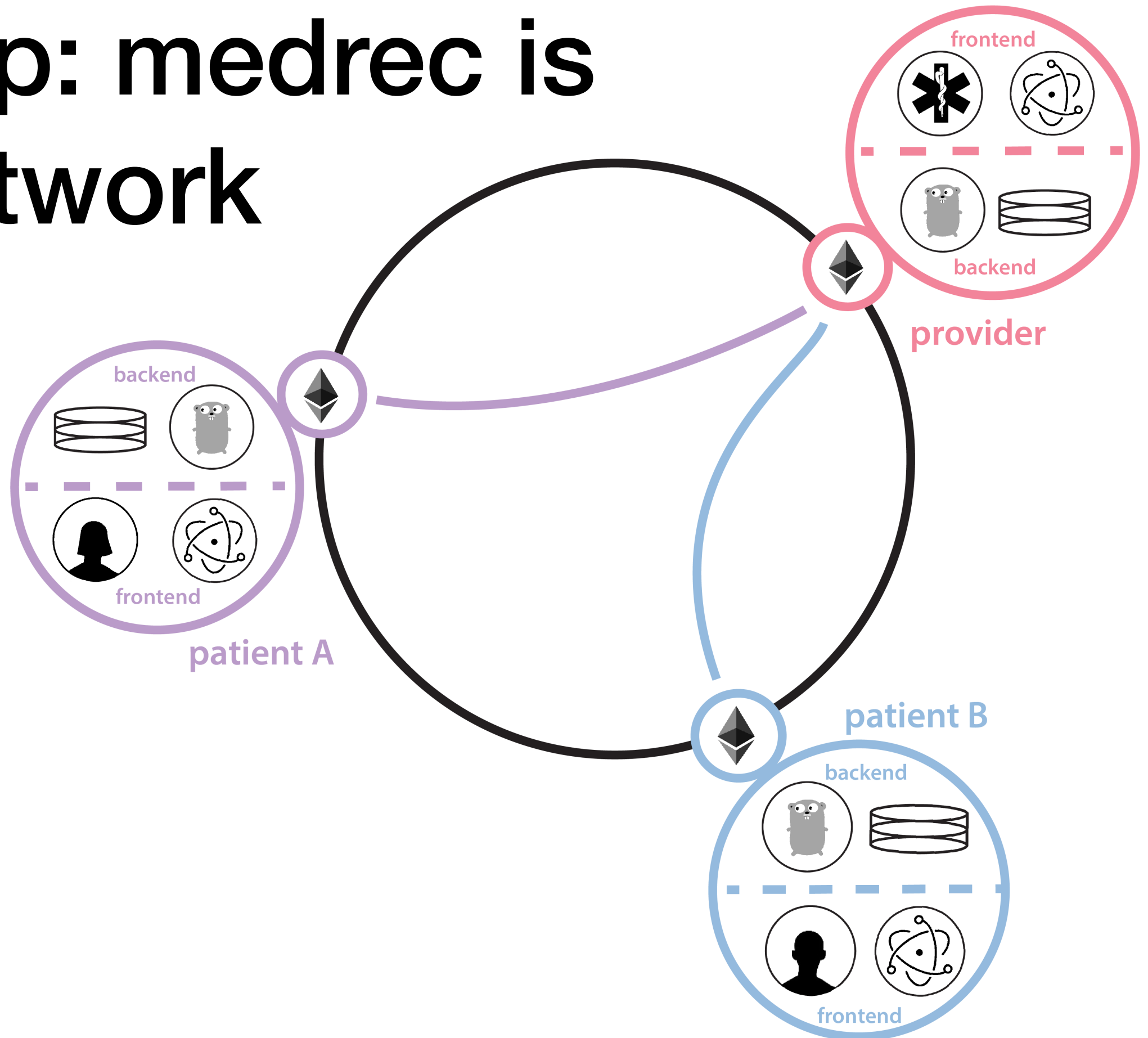


**medrec authentication +
database management**

recap: medrec is
a network



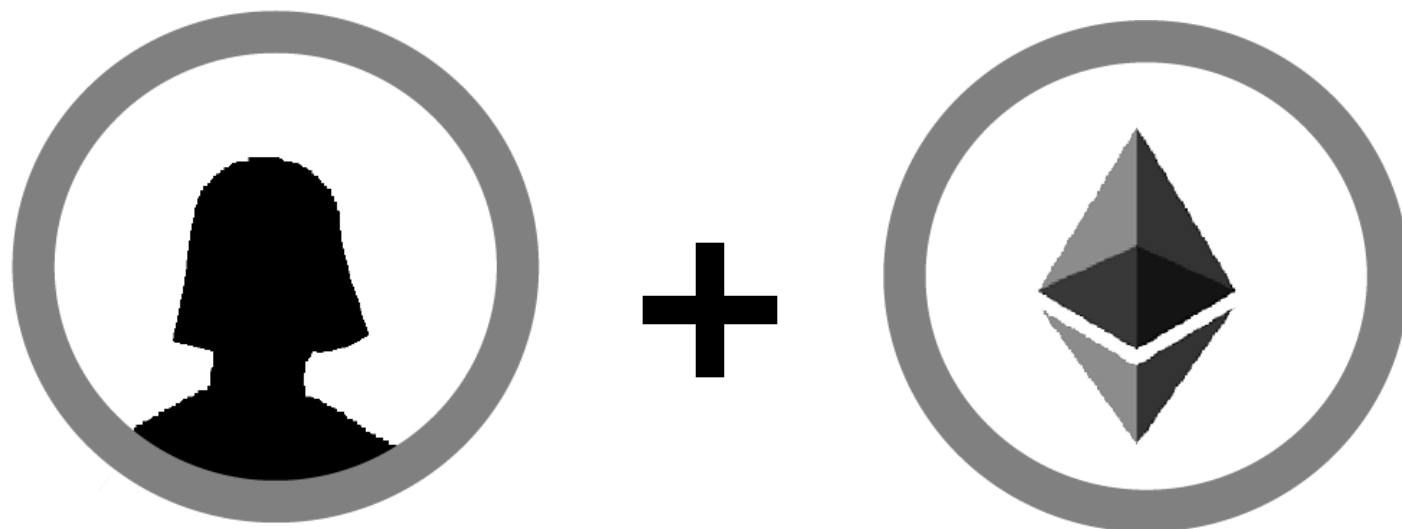
recap: medrec is a network



**your identity is
your authentication**



**ethereum
address = UID**



**ethereum
address = UID**



+



+



0x90f8bf6a479f32...

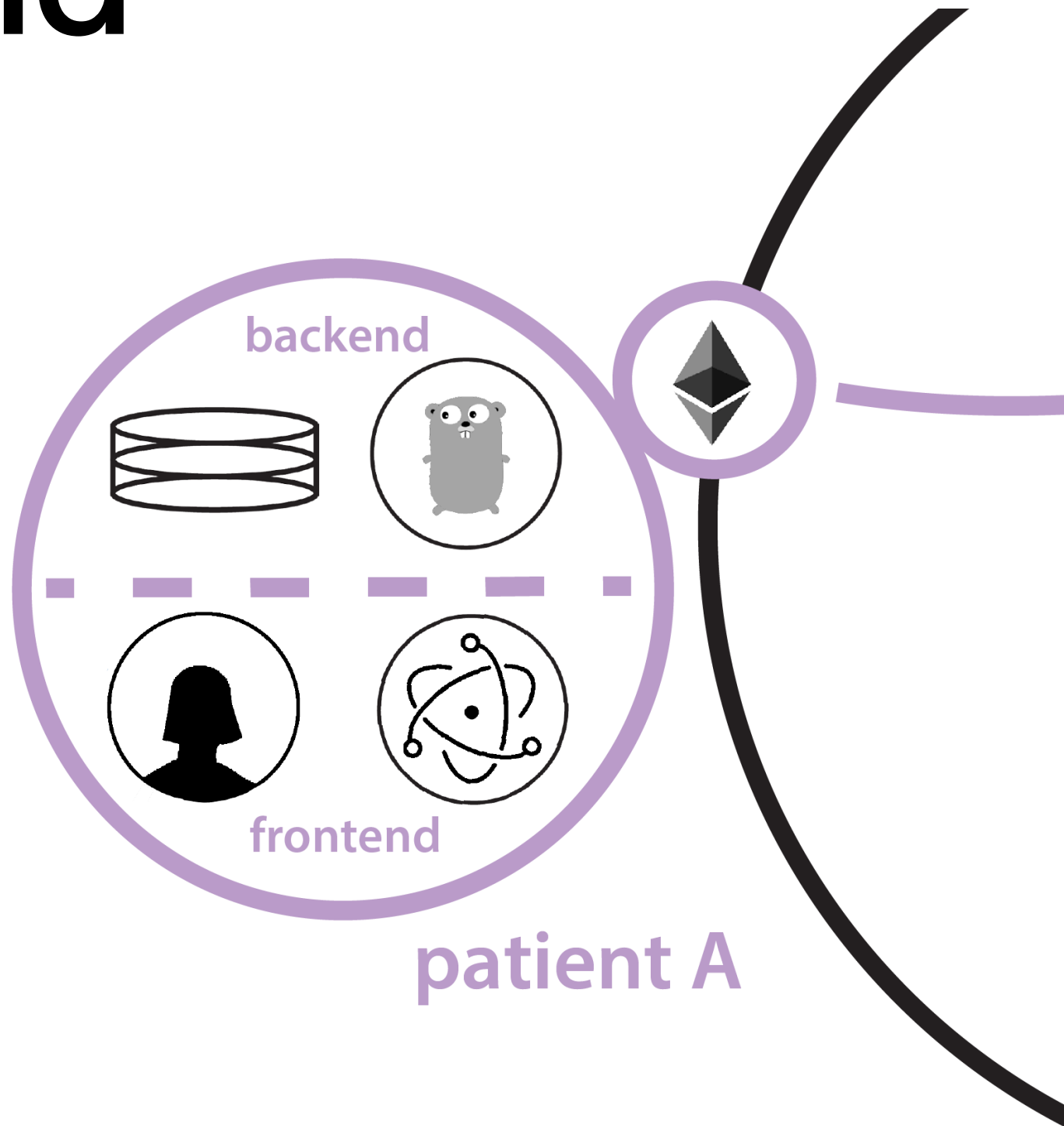
0xffcf8fdee72ac1...

patient-end

each 'message' is a
database request

pull not push

sign messages with
unique ethereum address



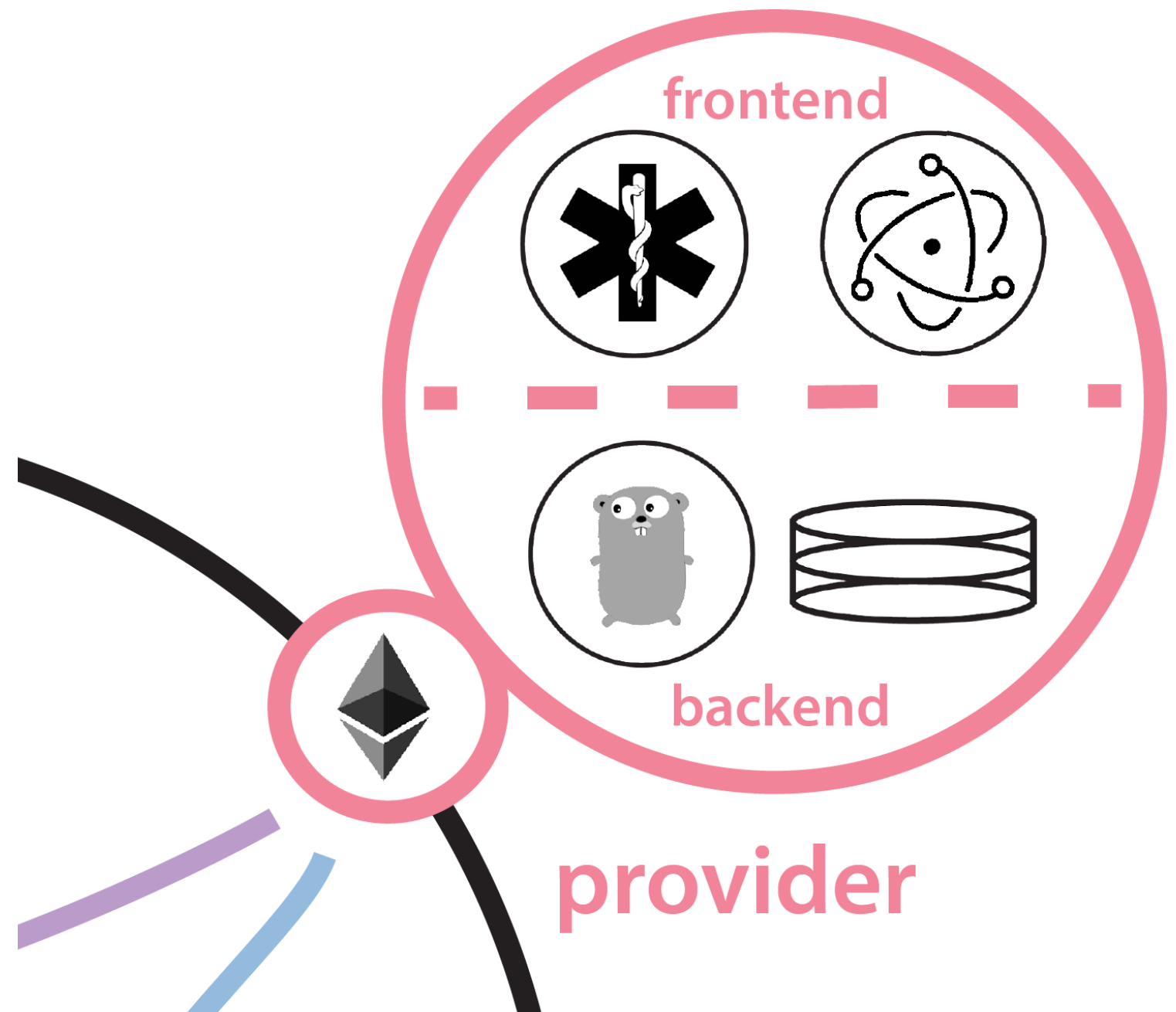
provider-end

a wrapper, not a replacement

mapping between eth addresses and UUIDs

no changes to database — modify the ‘interpretation layer’

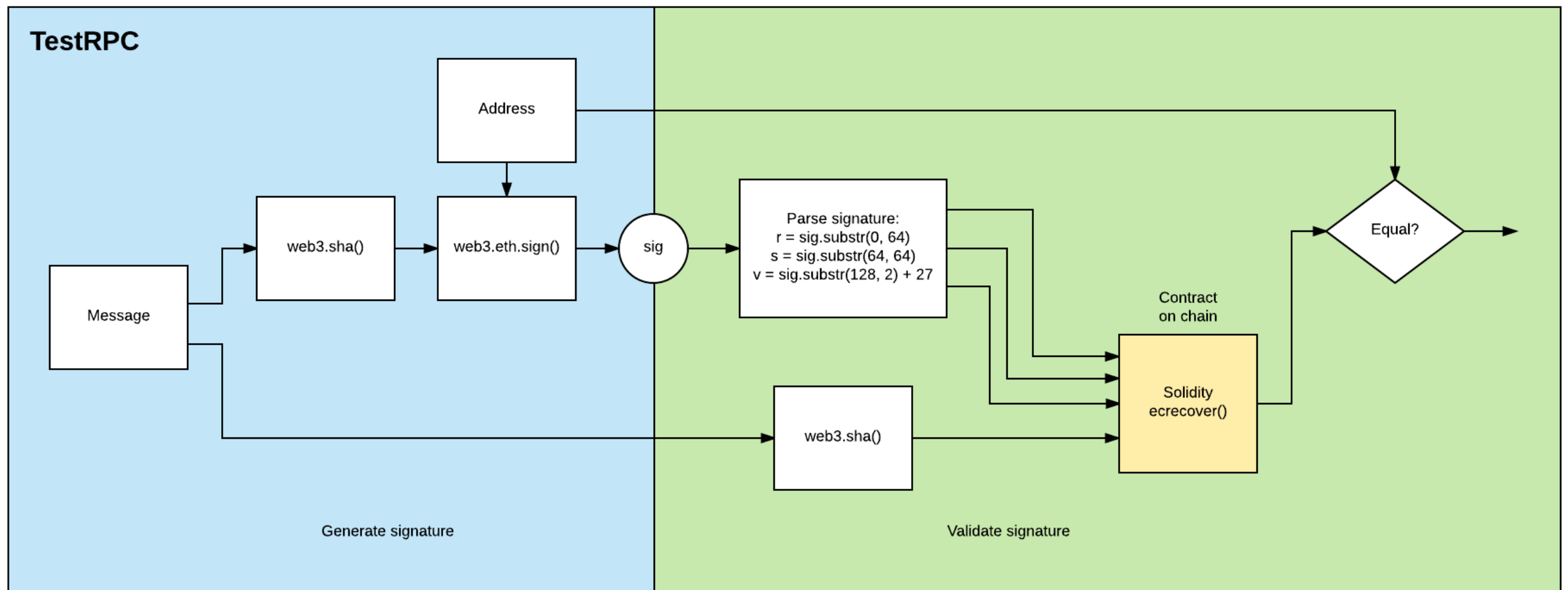
for each request, check signing address against database



*medrec is
decentralized*

how does it all work?

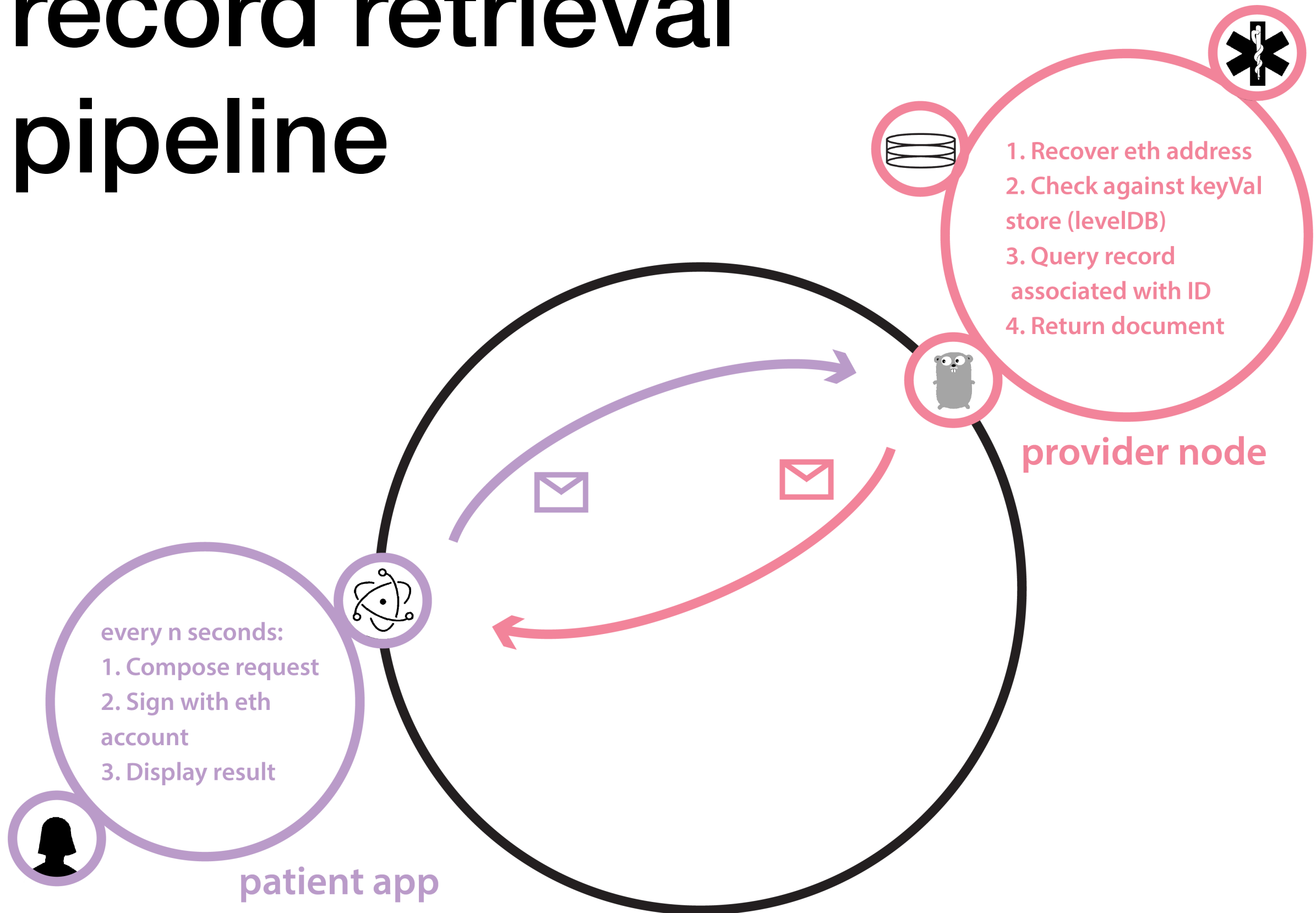
diagram via GitHub user fumecow



patient signs

provider verifies

record retrieval pipeline



collaboration

