

The Future of Data and Services Portability

Fresh Ideas And Future Projects



SPOILER ALERT!



BUT FIRST ...

Machine Readable

DATA PORTABILITY?

SERVER

API

CLIENT

PUSH

DATA

PULL

SOURCE

DATA

DRAIN

IMPORT
POINT OF VIEW
EXPORT

SERVER "EXPORT"
IMPORT SOURCE
RESPONDER INITIATOR

WHO CHOOSES THE LANGUAGE?

PULL DEPENDENT CLIENT
DRAIN PUSH
POWERFUL

SERVER

“EXPORT”

IMPORT

SOURCE

RESPONDER

INITIATOR

WHO CHOOSES THE LANGUAGE?

PULL

DEPENDENT

CLIENT

DRAIN

PUSH

POWERFUL

SERVER

“EXPORT”

IMPORT

SOURCE

RESPONDER

INITIATOR

WHO CHOOSES THE LANGUAGE?

PULL

DEPENDENT

CLIENT

DRAIN

PUSH

POWERFUL

SERVER
“EXPORT”
IMPORT SOURCE
RESPONDER INITIATOR
WHO CHOOSES THE LANGUAGE?
PULL DEPENDENT CLIENT
DRAIN PUSH
POWERFUL

SERVER
“EXPORT”
IMPORT
SOURCE
RESPONDER
INITIATOR
WHO CHOOSES THE LANGUAGE?
PULL
DEPENDENT
CLIENT
DRAIN
PUSH
POWERFUL

SERVER "EXPORT"
IMPORT SOURCE INITIATOR
RESPONDER
WHO CHOOSES THE LANGUAGE?
PULL DEPENDENT CLIENT
DRAIN PUSH
POWERFUL

“EXPORT” TO A
ZIP
FILE?

“EXPORT” AS AN
API?

ONE-OFF MIGRATIONS?



OPEN CALL

**Up to €150k to develop
Data Portability Solutions**



APPLY NOW

F6S

FUNDED
BY



This project has received funding from the European Union's H2020 research and innovation programme under Grant Agreement no 871498

zabala
INNOVATION



cap-digital

IMT Starter
MTC 5G

Fraunhofer
IAIS

ENGINEERING

CONNECTED

BUT

SOVEREIGN

THERE WILL BE

POWER

IMBALANCES

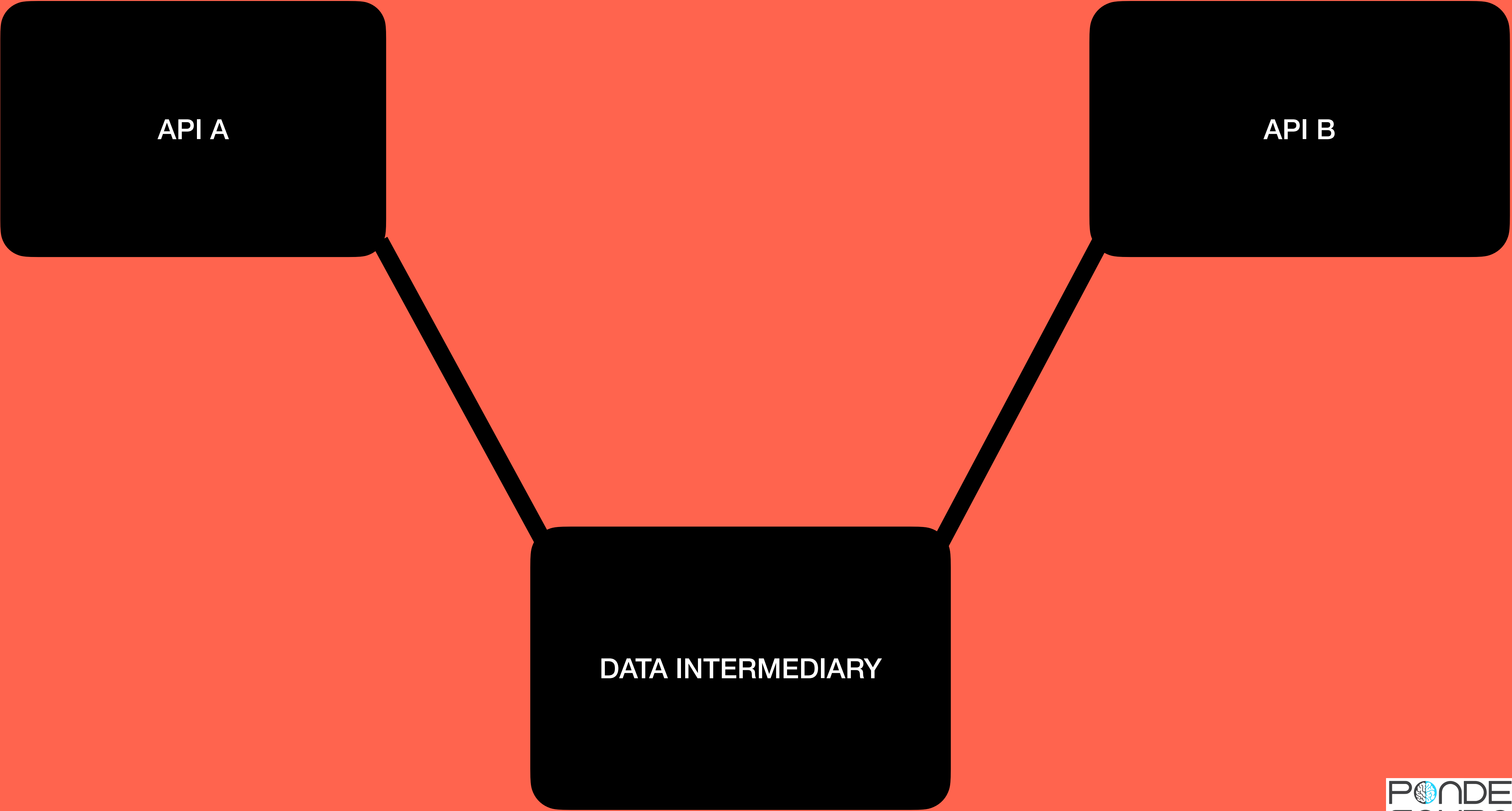
THERE WILL BE

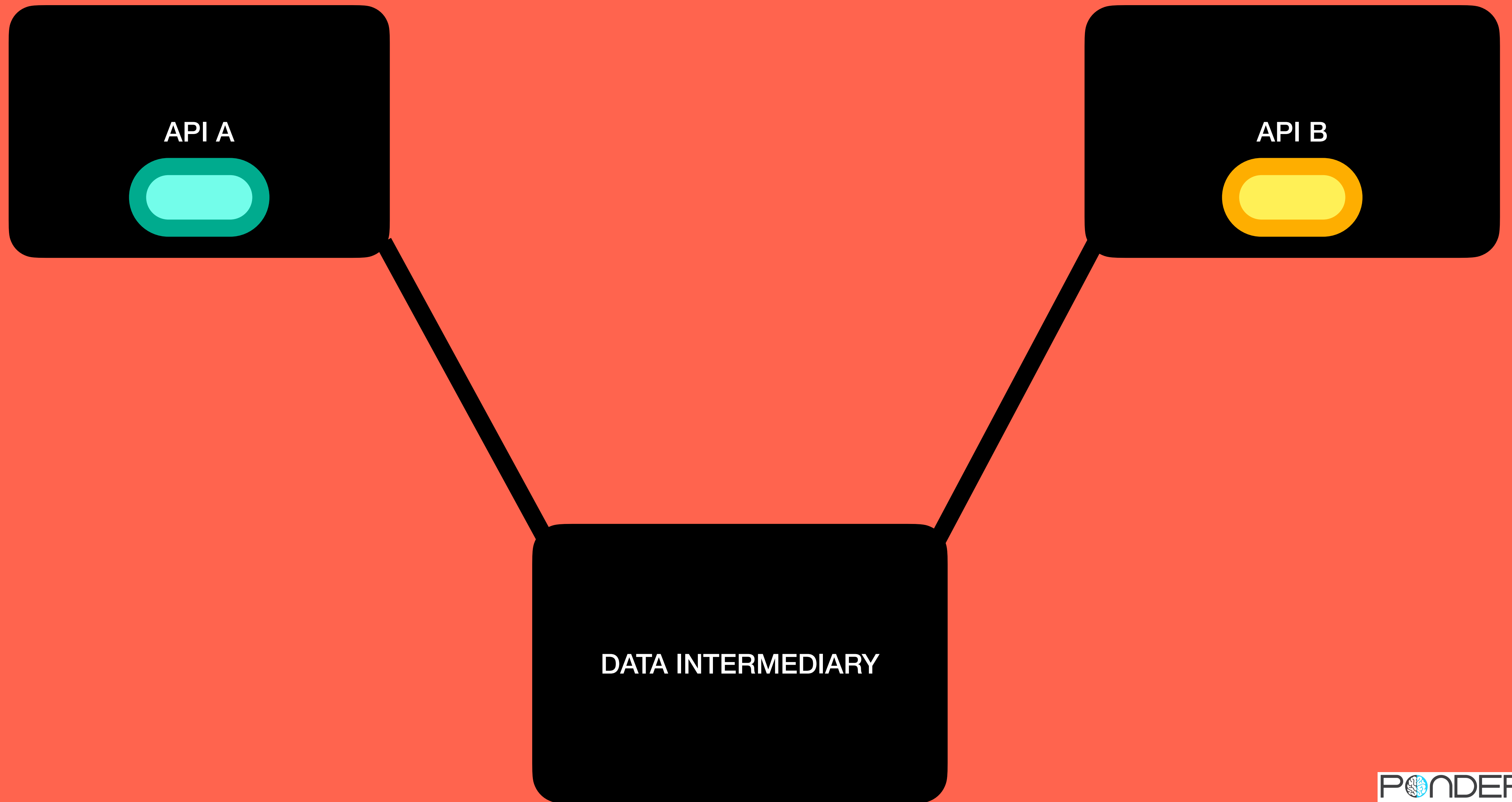
API

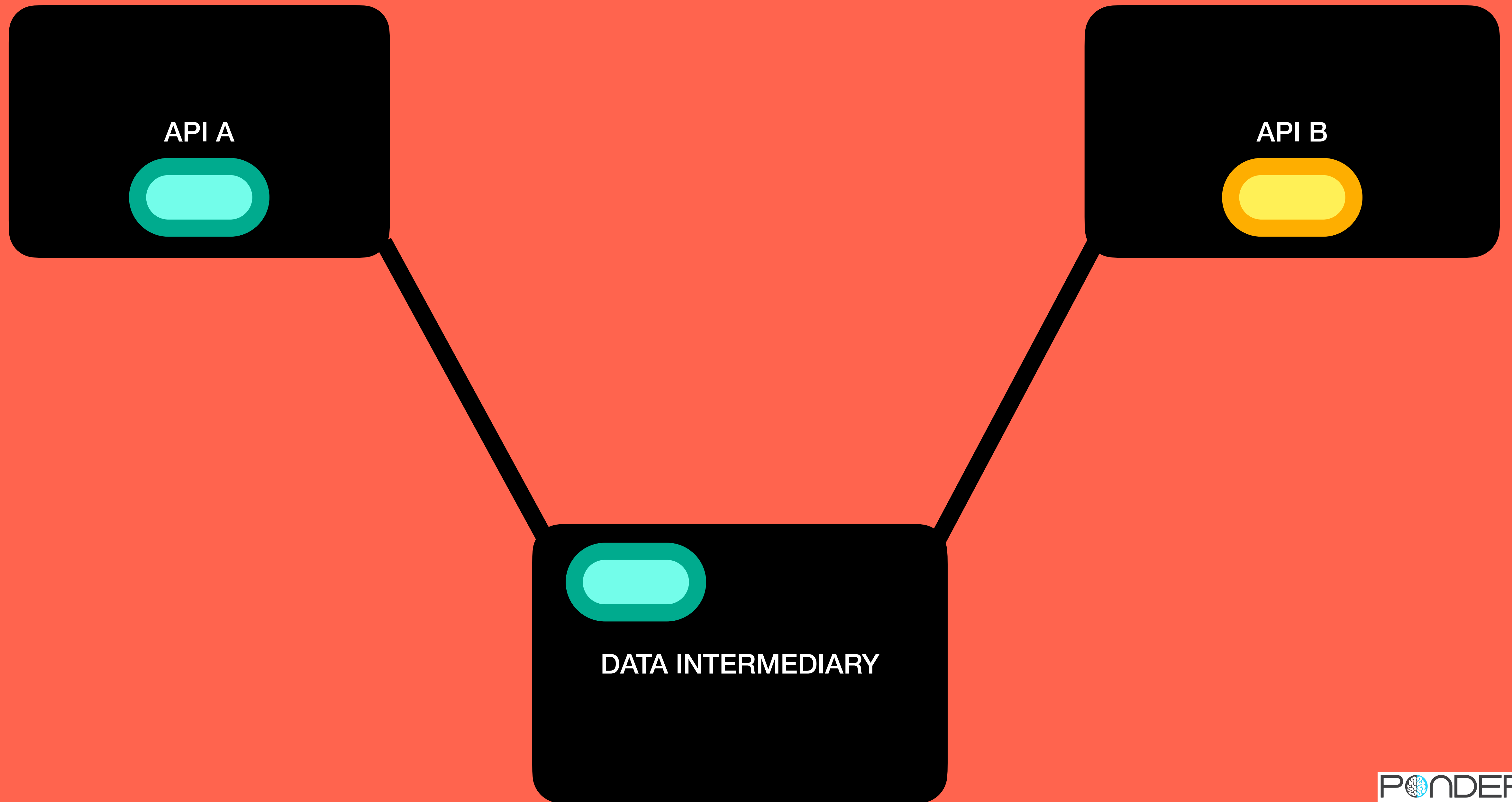
AGREEMENTS

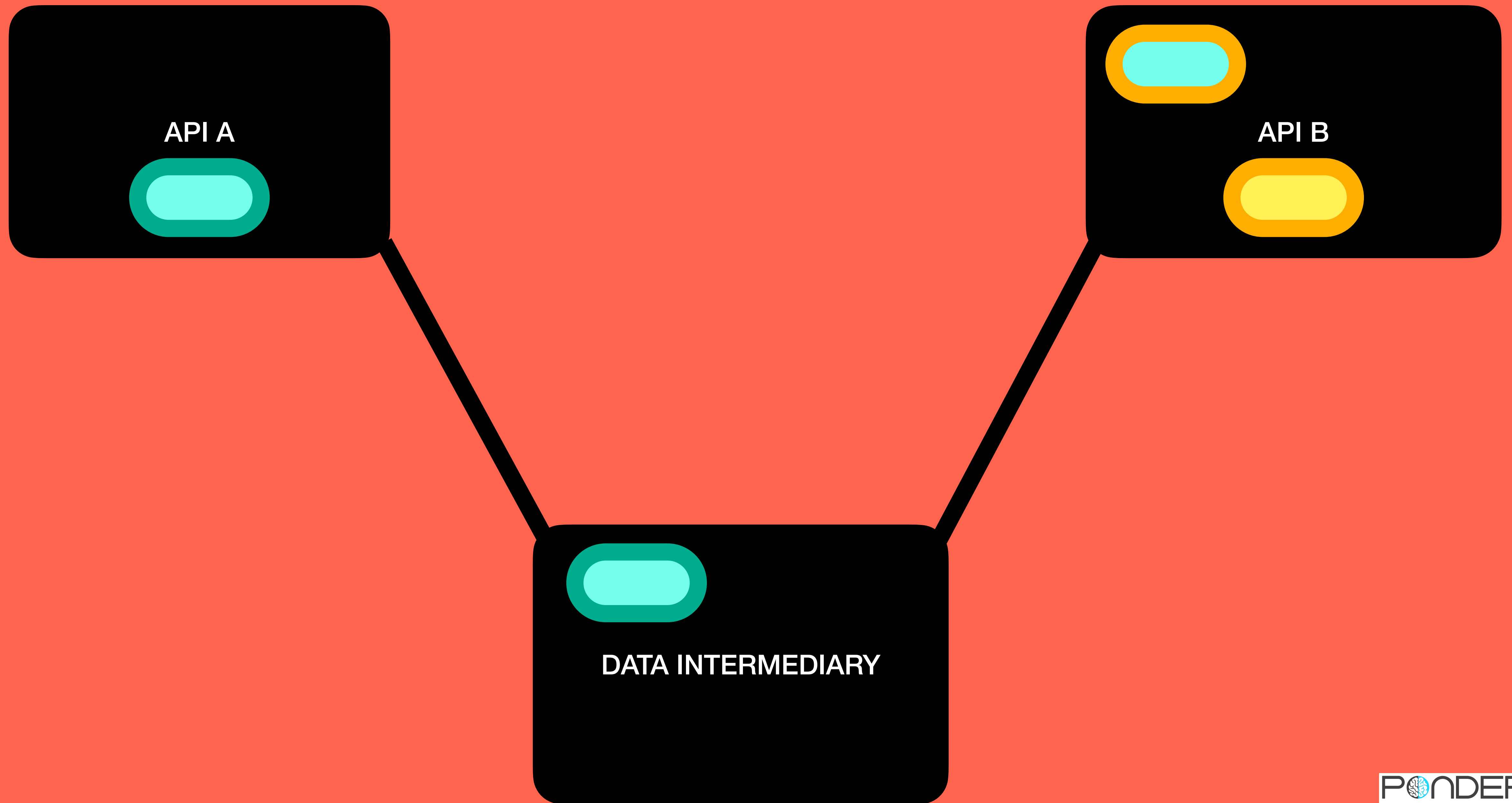
**THERE WILL BE
DATA PEERING
AGREEMENTS**

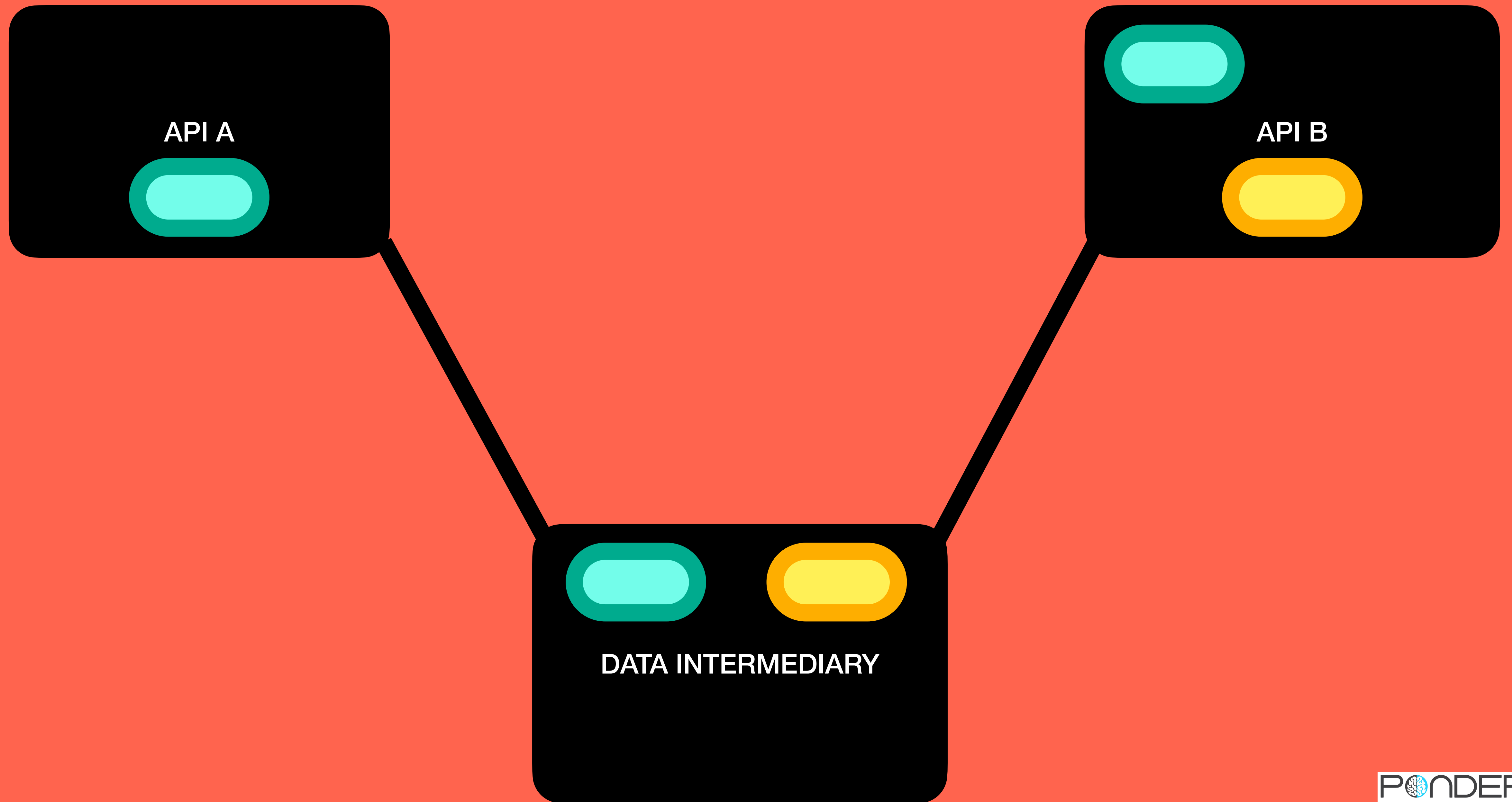
THERE WILL BE
DATA
INTERMEDIARIES

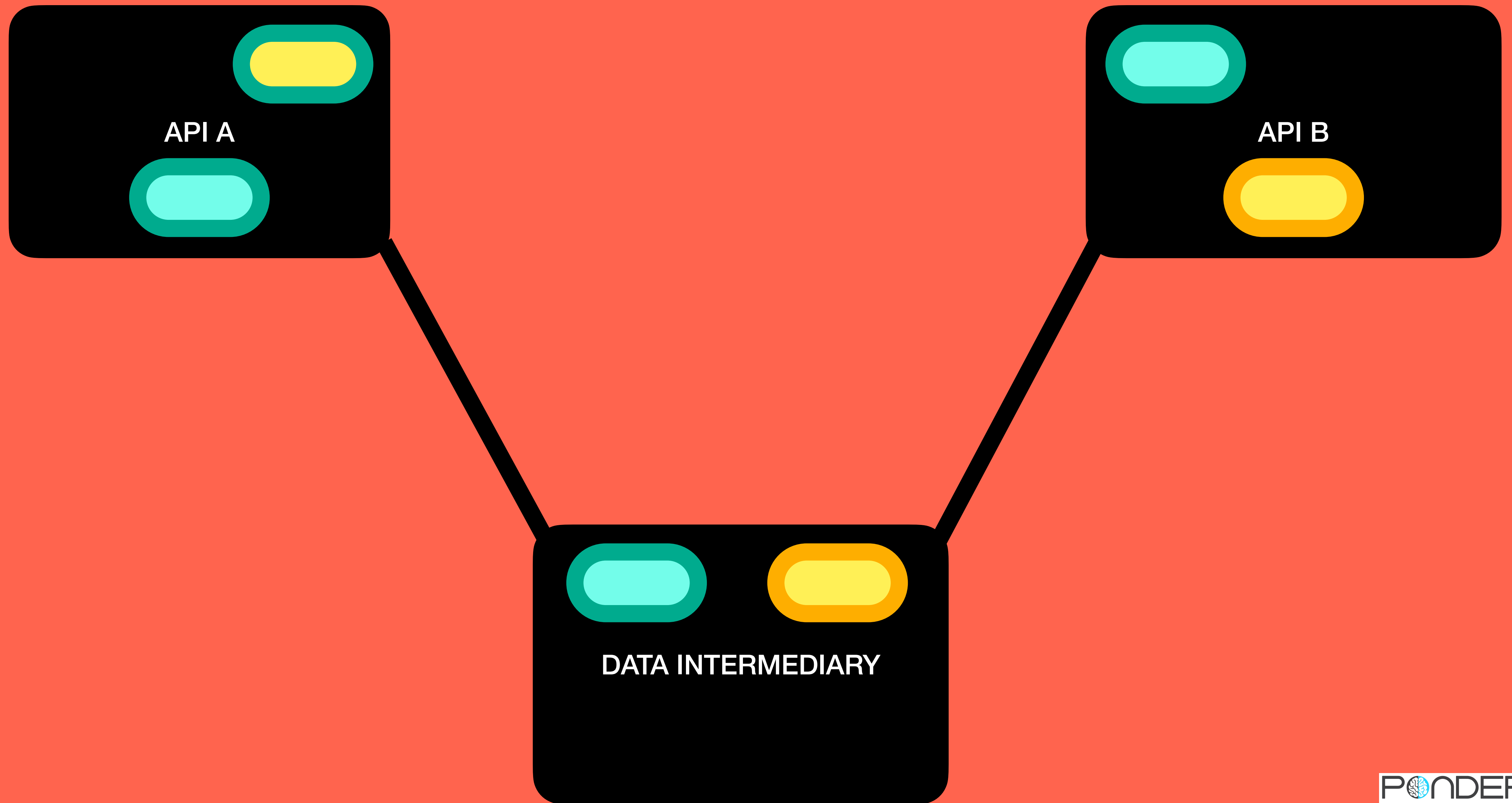


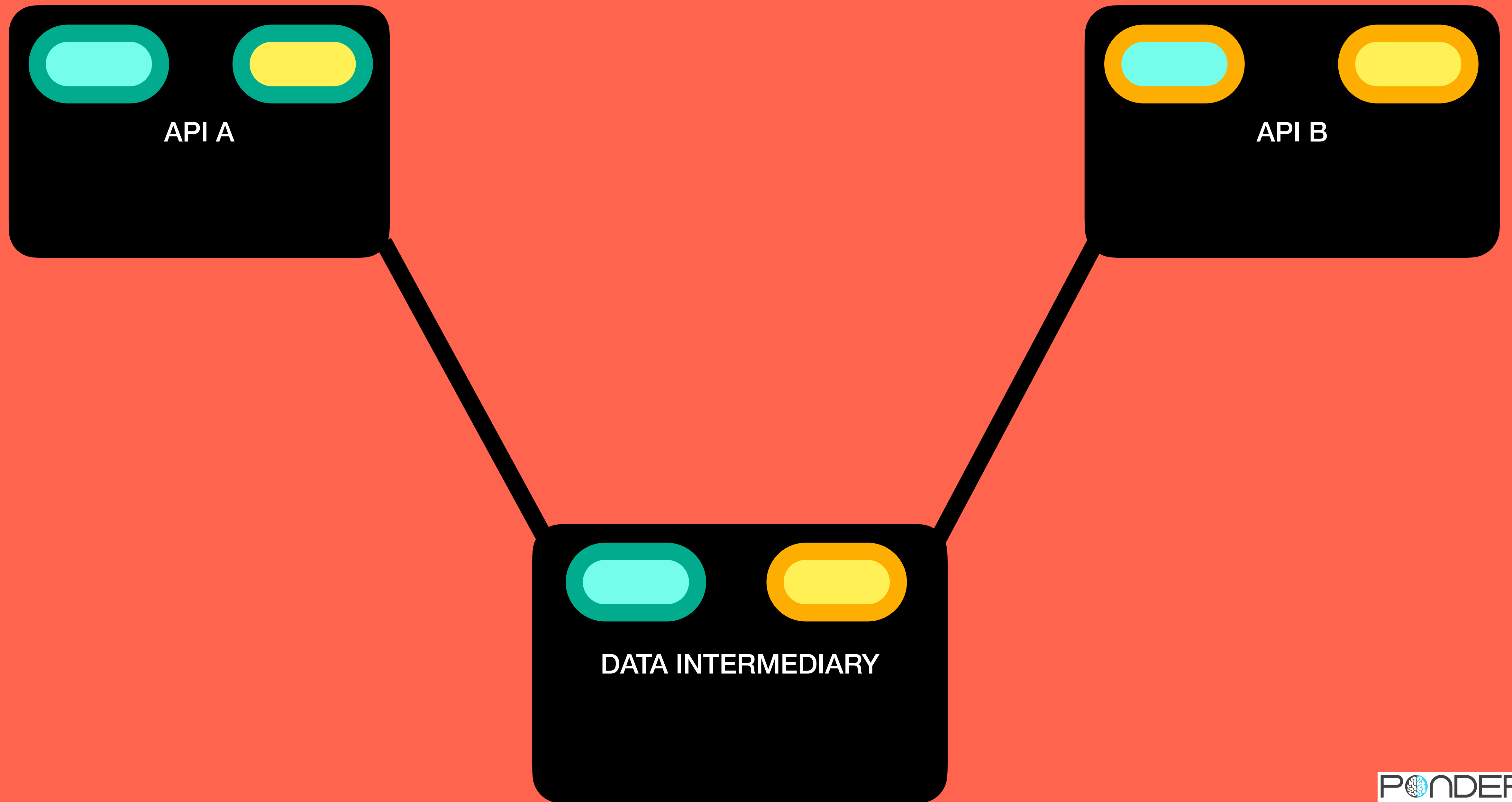


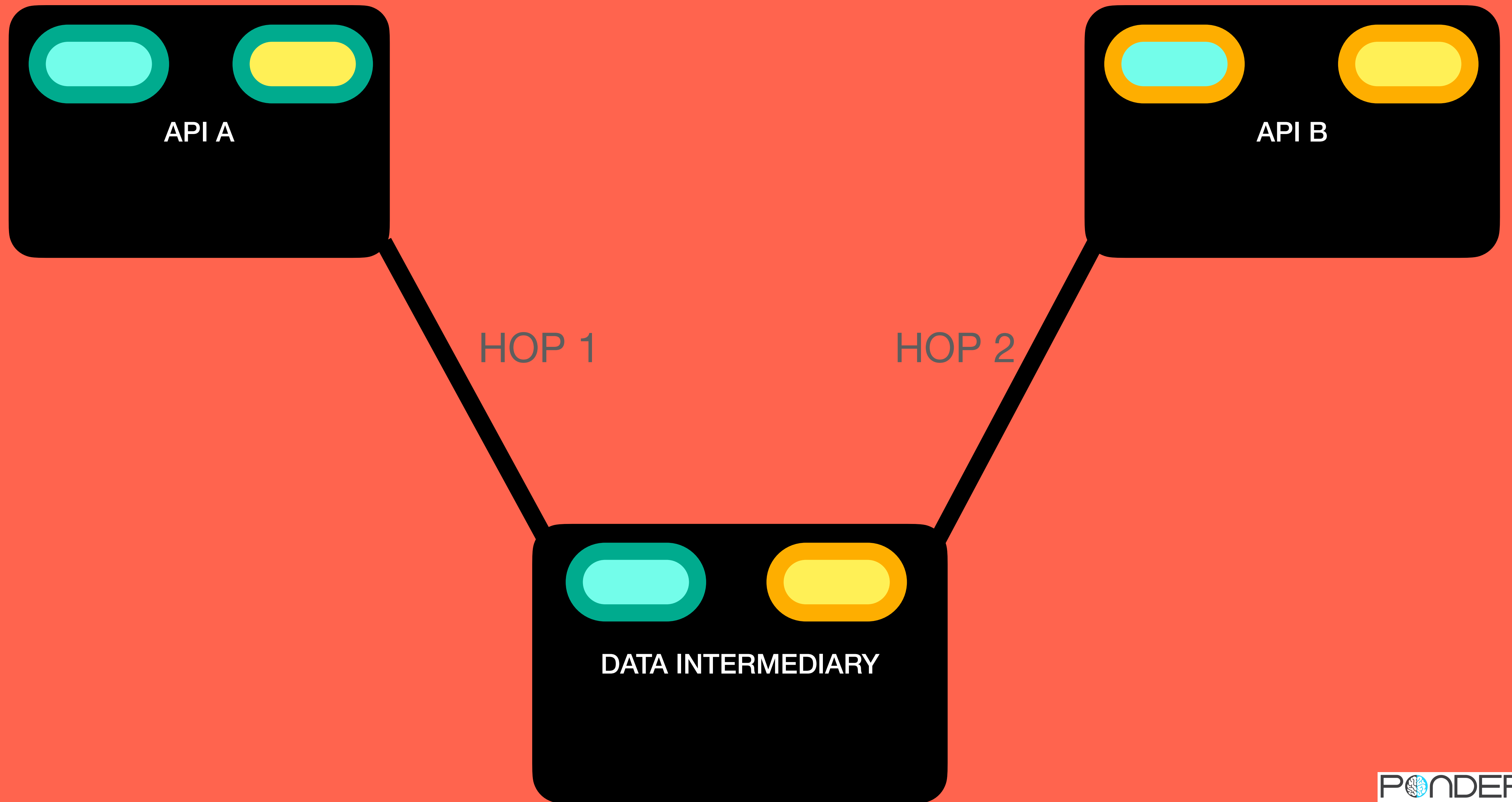






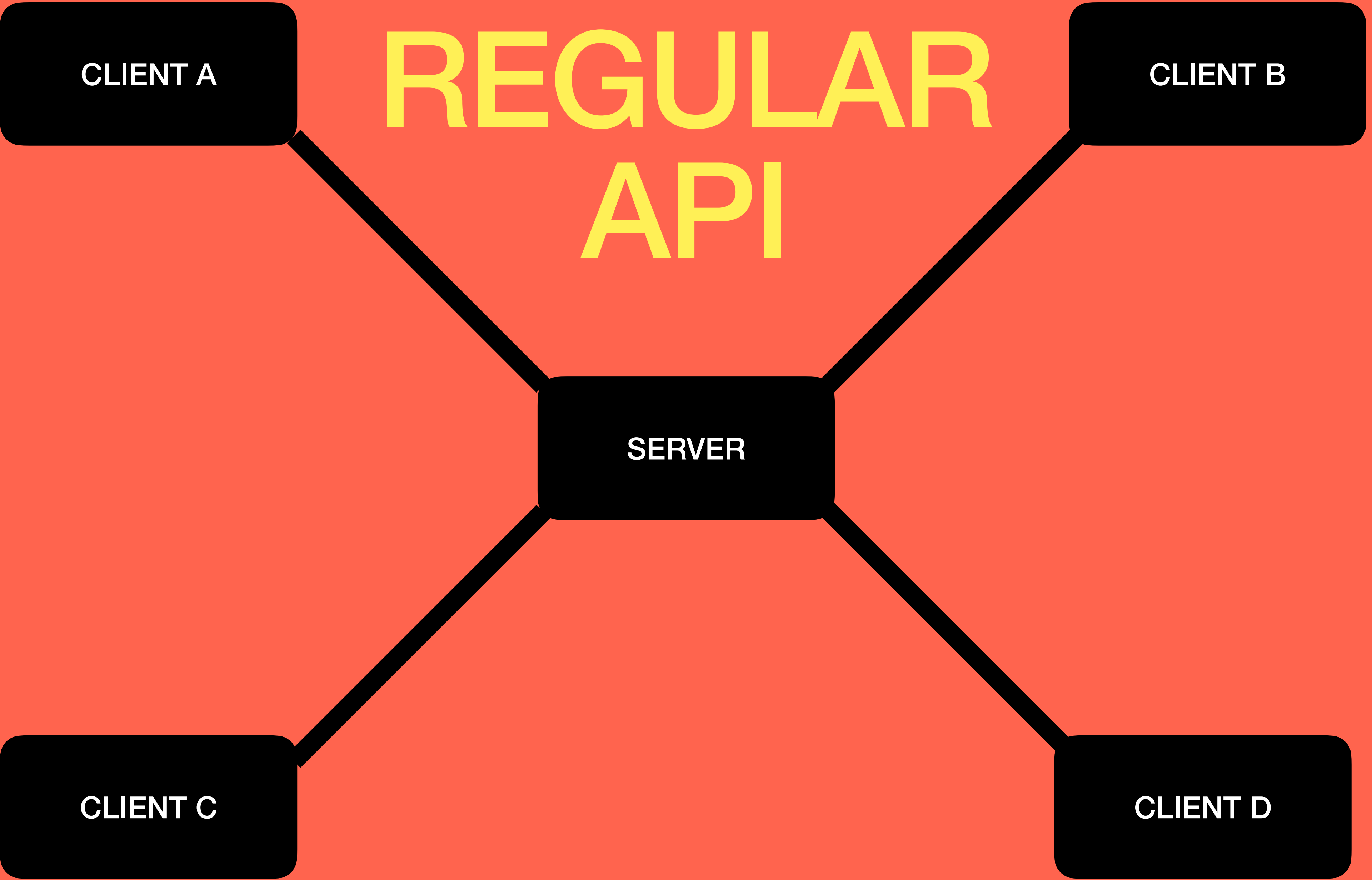




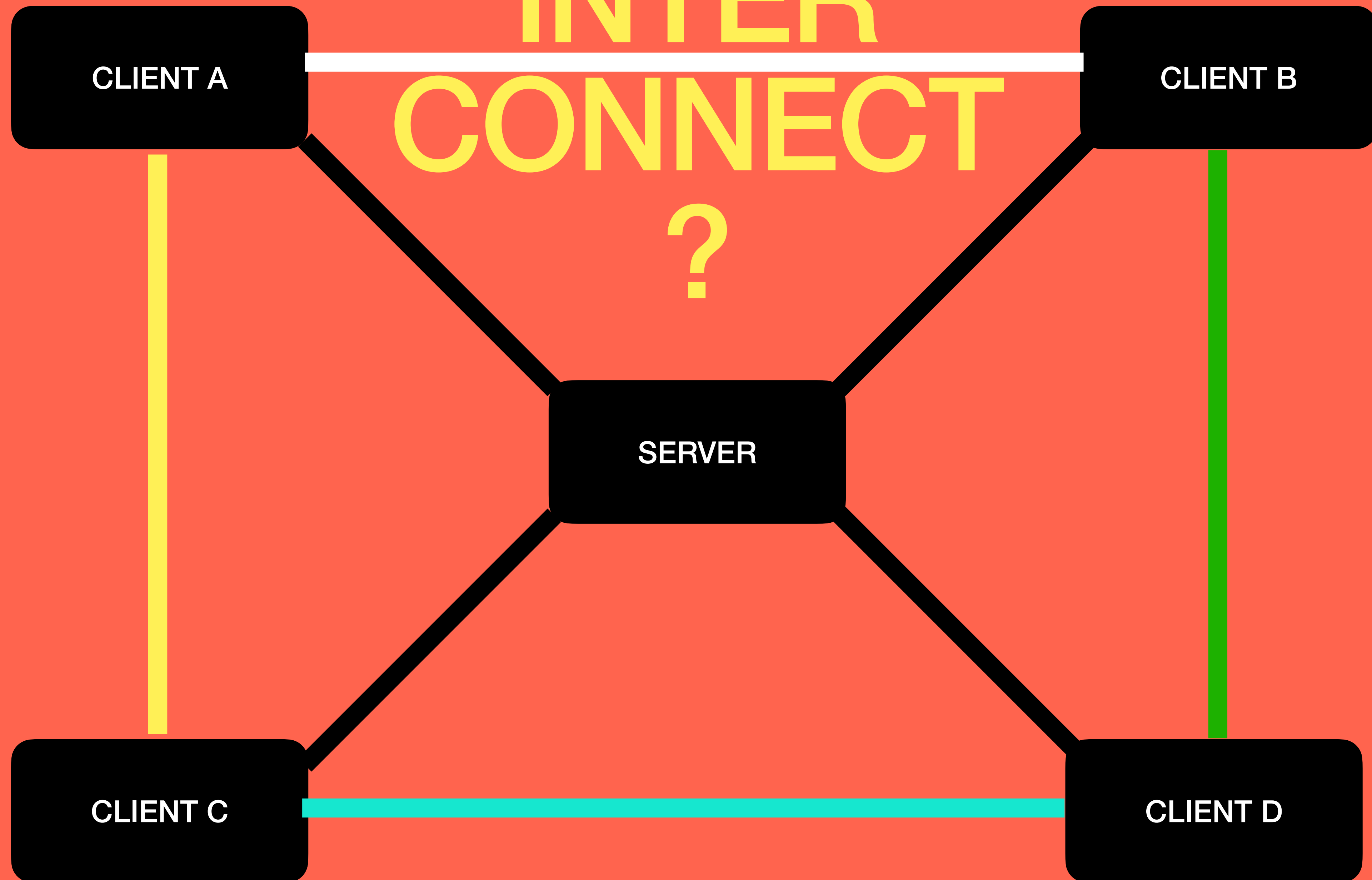


FEDERATED BOOKKEEPING

LIVE DATA AUTOMATION NEGOTIATION



INTER CONNECT ?



CLIENT A

CLIENT B

MESH

CLIENT C

CLIENT D

NODE A

NODE B

HOP 1

MULTI
HOP

HOP 2

NODE C

NODE D

HOP 3



NODE A

NODE B

POLYGLOT WORLD

NODE C

NODE D

THANK YOU

PNDER
SURCE

SOURCE DATA CLOGS



Content
Language
Origin
Grounding
Speech Act

MAPPING LOCAL IDENTIFIERS

MAPPING OBJECT COLLECTIONS

MAPPING ATTRIBUTE FIELDS

DISPLAYING FOREIGN DATA

TRACE ID'S

DATA HOOKS