The Mojaloop API Family

mojaloop

mojaloop

Organisation

The Change Control Board:
- Defines and publishes standards
- Reviews and approves proposed API definitions
- Convenes new SIGs
- Manages the interactions between APIs

The Special Interest Groups:
- Receive requests for new API functionality (from *anyone*, of course!)
- Discuss how to meet the requirements
- Propose API extensions, or creative ways of using the existing APIs.

Change Control Board

Permanent representatives

- Simeon Oriko
- Michael Richards
- Sam Kummary

Special Interest Group Convenors

Henrik Karlsson

JJ Geewax

Miguel de Barros

FSPIOP API

PISP API

Admin API

…

Currency conversion API

Special Interest Groups

3

The FSPIOP API

- The main Mojaloop API

- Covers:
  - Address resolution
  - Agreement of terms
  - Execution of payments
  - Authorisations
  - Bulk

- Also manages the new currency conversion API

- Hot items:
  - #110: Revised currency conversion API

Convenor: Henrik Karlsson, Ericsson
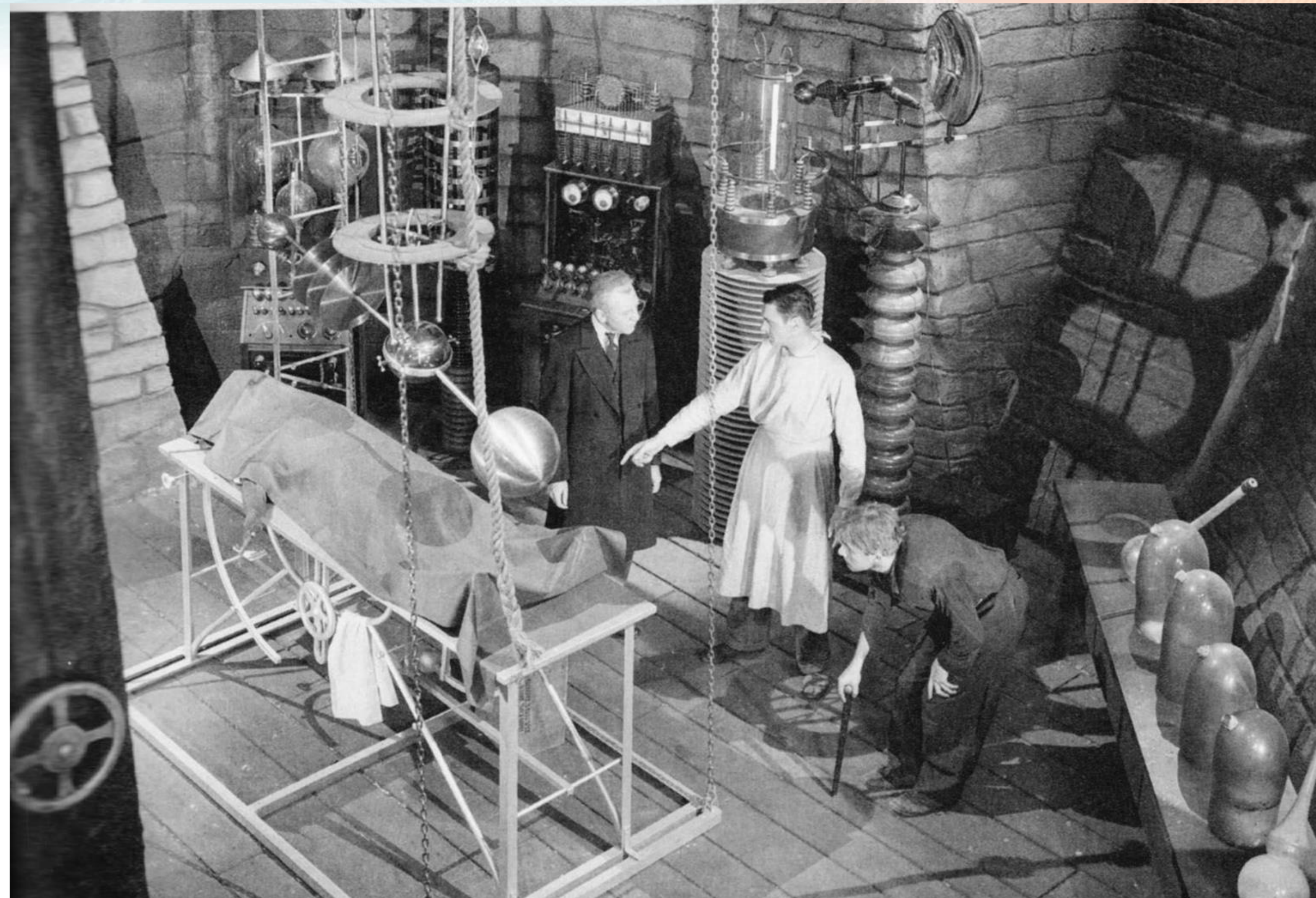
The PISP API

- Manages relations between DFSPs and PISPs
- Covers:
  - Account linking
  - Payment initiation by PISPs
  - Execution of payments
  - Authorisations
  - Bulk
- Hot items:
  - #110: Support for bulk payments via PISP
  - #110: Support for PISP payments which don't require a per-payment authorisation

Convenor: JJ Geewax, Google

The Admin API

- Manages scheme administrator integration with Mojaloop
- Covers:
    - Reporting
    - Liquidity cover
    - Settlements
    - Management of
        - Participants (FSP)
        - Accounts
        - Limits
        - ALS Oracles
- Hot items:
    - #114: User-defined Meta-Data properties with a User-defined schema
        - Provides Scheme specific information requiring consistency (i.e. user-defined schema)
        - E.g. Reporting - enhance Settlement Matrix with external account references

Convenor: Miguel de Barros, INFITX

The CCB at work…

- We're happy working alone in our API laboratory…
- But sometimes it gets a little lonely…
- And we long for the company of real people with real implementation problems

The APIs: the core of Mojaloop

- If a dreadful hack wiped out all the Mojaloop code, a new Mojaloop could arise from the ashes just by using the API definitions.
  - … in fact, that's exactly what vNext is doing.
- But it's more than that…
- The APIs are a language you can use to do new things
  - The original PISP demonstration used the FSPIOP API
- … and if you can't do what you need to do with the existing API…
  - We can extend it, or build a new one.
  - But we need to know what you need to do.

How can you join in?

- The Special Interest Groups are open to anyone who's interested.

- Just contact the convenor for an invitation.

- Or contact any of us to discuss how the Mojaloop APIs could help you with your business needs.

- View the issues board: https://github.com/mojaloop/mojaloop-specification/issues

- Or create a Change Request / Proposal: https://github.com/mojaloop/mojaloop-specification/issues/new/choose

Contacts

- CCB:
  - Michael.Richards@infitx.com
  - Sam.Kummary@infitx.com
- FSPIOP:
  - henrik.h.karlsson@ericsson.com
- PISP:
  - jjg@google.com
- Admin:
  - Miguel.debarros@infitx.com

Mojaloop Org Slack Channel: **#ml-ccb**

Join @ https://mojaloop.io/community

Mojaloop API versions supported

1. FSP Interoperability (FSPIOP) API **v1.1.1**

   - Changes to support notifications on failures,

2. Settlement API **v2.0**

   - No changes approved but proposed and being reviewed

3. Administration API **v1.0**

   - No changes approved but proposed and being reviewed

4. Third-party Payment Initiation (3PPI) API *v1.0*

   - v1.0 officially published and supported in implementation

5. FX API - in design

   - Mostly accepted; finalizing changes, reviews

Questions and discussion