

2023-03-13 Architecture WG Meeting Notes

Date

13 Mar 2023

ZOOM Meeting Information:

Monday, March 13, 2023, at 11:30am PT/2:30pm ET

Join Zoom Meeting

<https://zoom.us/j/7904999331>

Meeting ID: 790 499 9331

Antitrust Policy Notice

Linux Foundation meetings involve participation by industry competitors, and it is the intention of the Linux Foundation to conduct all of its activities in accordance with applicable antitrust and competition laws. It is therefore extremely important that attendees adhere to meeting agendas, and be aware of, and not participate in, any activities that are prohibited under applicable US state, federal or foreign antitrust and competition laws.

Examples of types of actions that are prohibited at Linux Foundation meetings and in connection with Linux Foundation activities are described in the Linux Foundation Antitrust Policy available at <http://www.linuxfoundation.org/antitrust-policy>. If you have questions about these matters, please contact your company counsel, or if you are a member of the Linux Foundation, feel free to contact Andrew Updegrave of the firm of Gesmer Updegrave LLP, which provides legal counsel to the Linux Foundation.



Attendees:

- Sean Bohan (openIDL)
- Mason Wagoner (AAIS)
- Joseph Nibert (AAIS)
- Dale Harris (Travelers)
- Ken Sayers (AAIS)
- Yanko Zhelyazkov (Senofi)
- Satish Kasala (Travelers)
- Peter Antley (AAIS)
- Faheem Zakaria (Hanover)
- Tsvetan Georgiev (Senofi)
- Ash Naik (AAIS)
- Dhruv Bhatt (Hartford)

Agenda:

- Update on ND POC
- Update on openIDL Testnet (Jeff Braswell)

- Update on internal Stat Reporting with openIDL (Peter Antley)
- Update on Infrastructure Working Group (Sean Bohan)
- MS Hurricane Zeta POC Architecture Discussion (KenS)
- Architecture Decision Capture Process (KenS) - Discussion
- HDS architecture decisions (PeterA) - Discussion
 - Schema Management via Excel vs SQL and Flyway
 - Database vs Data warehouse
 - Expiration dates on codes
 - mutable vs immutable codes, (why would we recycle a code)
- openIDL contributor engagement (James Madison) - Discussion
- AOB:
- Future Topics:

Notes:

Time	Item	Who	Notes

Documentation:

Notes: (Notes taken live in Requirements document)

- ND POC (KenS)
 - Second data call today
 - All carriers have data in
 - Second report for VINs not registered
- openIDL Testnet (JeffB)
 - pickup in action: attempts to get carriers on board
 - coord and orchestration
 - contributor engagement
 - Hanover - map data to auto stat plan format
 - Travelers & Hartford
 - coming weeks and months: significant progress
 - work together on mult fronts
- Internal stat reporting (PeterA)
 - decode tables, artifacts, schema management
 - updates - JamesM requested a detailed presentation on data layer - March 27
 - how can we offload some of the work onto business poeple and changing dimensions over time if at all
 - phys join of tables, claim and policy views, modeling of steps
 - expanding documentation significantly
 - every other month since june is settling into mature
 - decode -stat plan and personal auto - foundation done this AM
 - carriers - need to put stat data into HDS, produce stat records per stat handbook
 - only need to load stat records and can start reporting
 - (peter screenshare)
 - <https://semver.org/>
 - <https://github.com/openidl-org/openidl-main/tree/etl-pka-flyway/openidl-hds-ddl/ref/pa/tables>
 - https://github.com/openidl-org/openidl-main/blob/etl-pka-flyway/openidl-hds-ddl/ref/pa/tables/V0.0.1.6__pa_stat_stg.sql
 - utilizing JS to write out sql, sql scripts managed by flyway
 - work with proper keys for joins
 - Dale - James thought we might put results in excel so excel tab for each table so tables create definitions
 - documentation - practice of updating data model
 - coverage codes - json, states, can upgrade json from excel, converted from json to excel, config doc + js file
 - tools - bolt ons on top of db
- Joseph: FlyWay
 - <demo>
 - containerization from dev side
 - FlyWay - great db management tool, as a container
 - FlyWay has versioning schematic - they went with semantic version
 - maintains version control
 - containers will make it easier
 - operationally what the data model will drive
 - educating carriers to do this
 - ran earlier, can stop it, migrates all of these
 - can do it in source control
 - Flyway effectively does checksum on every file, maintains data integrity
 - parallel for EP schema?
 - EP written by dev, could set up repo and put in flyway to keep EPs, but each EP should be kept in Git somewhere, not re-ran, on ledger best ref point
 - 2 parts - creation of EP schema, other is
- Mason analytics
 - peter task: write simple sql tables for lines of business

- get idea of where we are, what completed, map out getting tables up and running will look like
- personal auto, went thru, 33 tables needed to bring over to use
- GT2
- most tables from statplan directly
- some stat plans have mult lines of business
- some repeatability in categories, found things in stat plan, not which need table to be integrated
- more breakdown of how each stat plan is looking to keep account of
- 201 tables out of all stat plans
- completed 99 of 201
- view of how this is looking for timing and expectations
- code tables - take codes and give description
- for each code that comes in we need a ref table, and we need a way to decode, load, make script for each table and view, put in flyway, allow easy managed db across all these areas
- codes across diff business lines the same? very few to none
- none can be skipped w/o thorough review
- coverage codes - lot of copy-paste
- will speed up a lot as they get going, not as much overlap as you think
- transaction code would have secondary key as line of biz?
- opportunity to do analysis across lines of business
- look out for it in a few places, def opportunity for cross-lines
- have to get to next level beyond what Mason showed - data dictionary for all of them
- intern request
- can do it for tables named the same across lines, see where they lined up
- version zero - can change anything we want and what a good releaser looks like
- goal for this week - get auto coverage report gen again based on high end ETL decode job
- Architecture Decision Capture Process (KenS) - Discussion
 - Process for capturing decisions
 - [openIDL - Architecture Decisions](#)

Recording:



GMT20230313-1...1920x1080.mp4