



Trust & Identity Incubator Status Notifications activity

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Sprint Demo, 2020-10-13

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Overview

- Several tools reporting the status of the eduGAIN metadata:
 - Quality of the metadata (contacts, urls, etc)
 - Connection status of SPs and IdPs
 - Entity categories
 - Attribute checks (live interaction)
- Current tools (mostly relying on the eduGAIN metadata itself)
 - CoCo monitor
 - ECCS (eduGAIN Connectivity Check Service)
- Status intake is considered lackluster:
 - Data is not always readily available
 - Somewhat tedious to “sift” through the data
 - Irregular checks
- No automated notifications

Proposed work

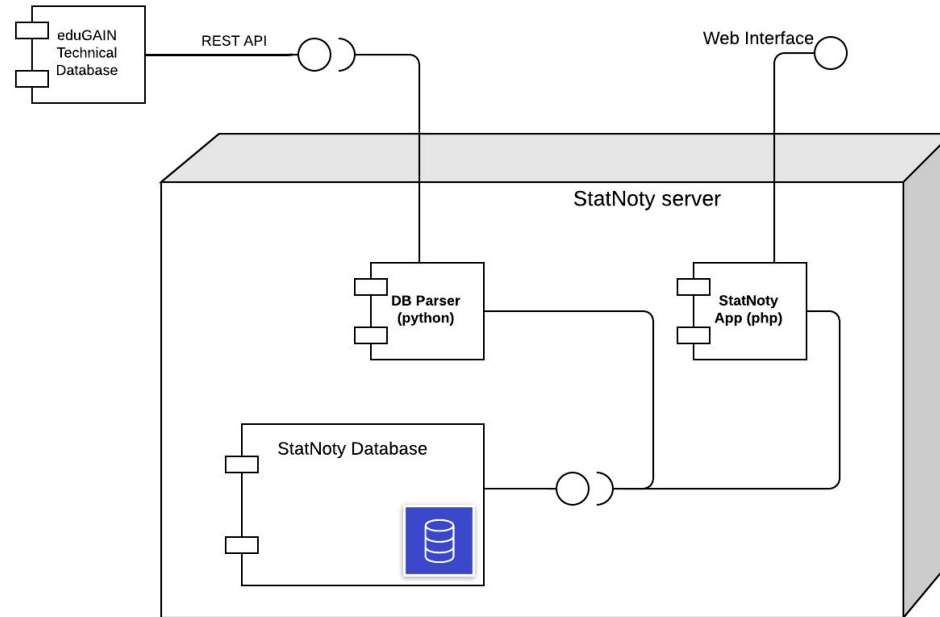
- Process the data
 - Identify and extract the current issues, per entity, per federation
 - Propose solutions for identified issues (if possible)
 - Presentation of the data
- Create a notification system:
 - Emails, tickets, etc?
 - Automated notification



StakeHolder interviews

- Lukas, Thomas, Tomasz, Davide, Nicole, etc.
 - input from others
- Input collected:
 - Be nice
 - Involve federation operators
 - Stick with the “official” data (eduGAIN db)
 - Separation of monitoring (including notification) and visualization

Prototype Implementation Architecture



Screencast Time!



Status and next steps

□ Done:

- stakeholder input collection
- python client for the eduGAIN tech db
 - daily runs at pilot deployment
- php-based web portal
 - eduGAIN level statistics
 - historical
 - federaration level statistics and core
 - entity level statistics and core
 - subscription mechanism
- email notifications to subscribers
- php generation mechanism (wkhtmltopdf)



Status and next steps

□ TODO:

- further wording/styling
 - Icons, bars, presentation
- query optimization
- infographics design/notification strategy
 - Prevent fliplflopping
- feedback gathering
- further gauges
 - software behind the entities
 - crypto 1k RSA, 2k RSA, etc.
- name
- handover to service owner

Thank you

Any questions?

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