



Life Science AAI

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How many research infrastructure AAI needed? Any cooperation possible?

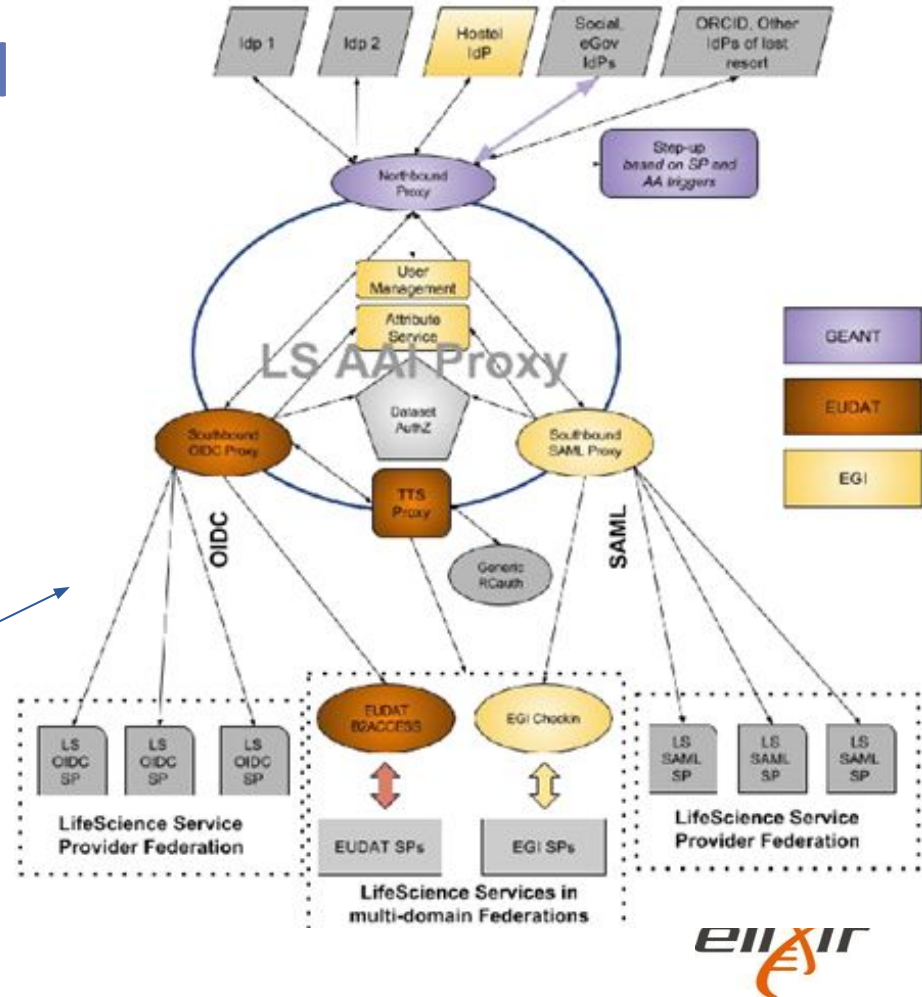
| Social Sc. & Hum. (5) | Life Sciences (13) | | Environmental Sciences (9) | | Energy (7) | Material and Analytical Facilities (6) | Physics and Astronomy (10) | | e-Infra-structures (1) |
|------------------------|--------------------|-----------------|----------------------------|-----------|-------------|--|----------------------------|-------------|------------------------|
| SHARE | BBMRI | ELIXIR | ICOS | EURO-ARGO | ECCSEL | EUROFEL | ELI | TIARA | PRACE |
| European Social Survey | ECRIN | INFRA-FRONTIER | LIFEWATCH | IAGOS | Windscanner | EMFL | SPIRAL2 | CTA | |
| CESSDA | Instruct | EATRIS | EMSO | EPOS | EU-SOLARIS | European XFEL | E-ELT | SKA | |
| CLARIN | EU-OPEN-SCREEN | EMBRC | SIOS | EISCAT_3D | JHR | ESRF Upgrade | KM3NeT | FAIR | |
| DARIAH | EuroBio-Imaging | ERINHA-BSL4 Lab | | COPAL | IFMIF | NEUTRON ESS | SLHC-PP | ILC-HIGRADE | |
| | ISBE | MIRRI | | | HiPER | ILL20/20 Upgrade | | | |
| | ANAEE | | | | MYRRHA | | | | |

Life Science AAI stakeholders

Figure: Academy of Finland

Towards Life Science AAI

- 5/2016: BMS RIs' AAI architect meeting in Paris (CORBEL project)
- autumn 2016: use case gathering
- spring 2017: requirements spec
 - goo.gl/zvTQmB
- 10/2017: bidding competition for e-infras in AARC2
- 11/2017: EGI-EUDAT-GEANT wins
 - goo.gl/iqAzh7
- 12/2017: AARC2 pilot with EGI-EUDAT-GEANT
- 1/2018: pilot phase 1 delivers



Why we do it?

- Cross-infrastructure use of services important
 - Have a common AAI for Life Science RIs
- AAI not a core competence for Life Science research infrastructures
 - Can be sourced (from e-infrastructures)



Using e-infrastructures to operate the LS AAI

Coordinations in LS

- planning, policies
- marketing
- 1-tier support
- training
- RI specific extra attributes (if any)

Requires community understanding

Operations in e-infras

- maintenance
- new features
- relying service registration
- support training
- 2-tier support

Requires no community understanding



Next steps

- Learn the results of the AARC2 pilot
- Integrate LS AAI to the upcoming INFRAEOSC-4-LS application
 - Deploy Life Science AAI to production
 - Find a sustainable model



Some planning work left

- sustainable funding model
- governance of the LS AAI (bodies, voting, ...)
- agreements (with e-infrastructures)
 - Do the parties need to sign agreements? Legal person?
- data controller/processor model