

Invenio 3 - Call to Action.

Alexander Wagner, für *JOIN²*

4th IUGW

Garching, 21.03.2017



Overview

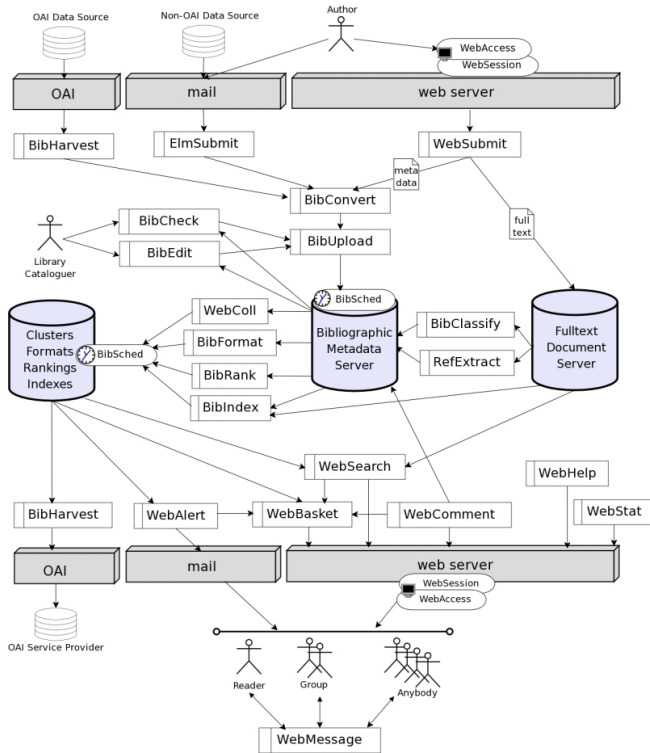


- > Status quo
- > The undiscovered country – the future

(Chancellor Gorkon, *Star Trek VI*)



Invenio 1.x



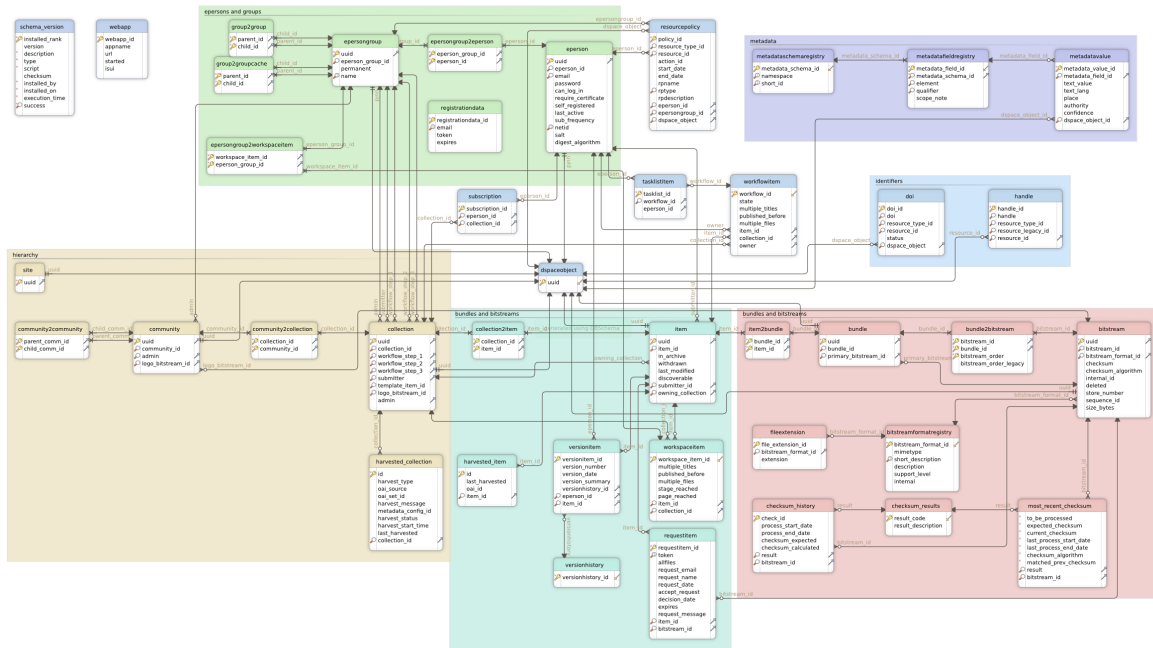
- > 1 github repo
- > 40 Modules
- > Marc21
- >  as Demo
- > JOIN²:
 - join2 on github (overlay)
 - join2-private (configs)

Invenio 1.x is probably one of the most complex repository solutions today.

Source: <https://invenio.readthedocs.io/en/latest/architecture/system-overview.html#invenio-v1-x>



Compare...



Source: <https://wiki.duraspace.org/display/DSD006z/Storage+Layer>



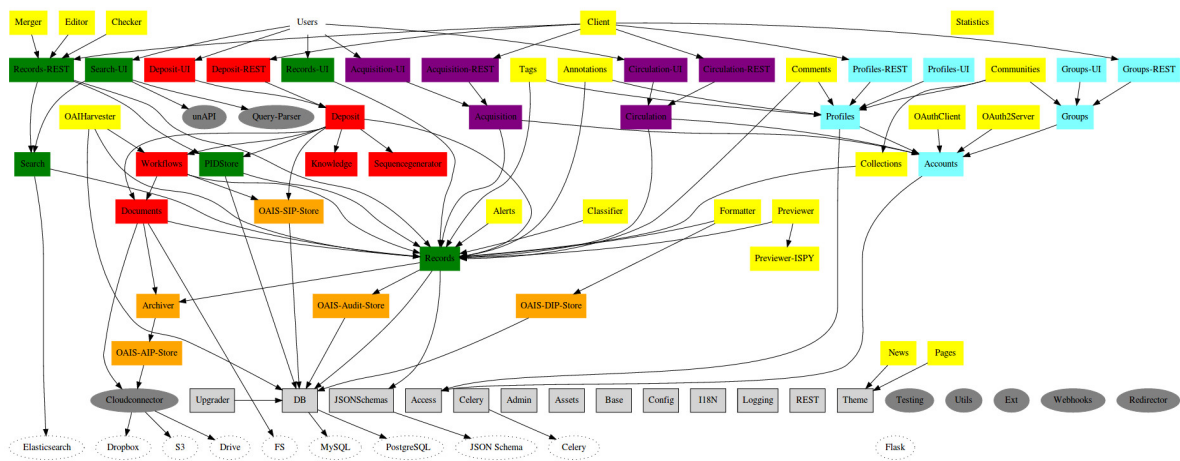
Inside Invenio 3



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Invenio 3



Source: <https://invenio.readthedocs.io/en/latest/architecture/system-overview.html#invenio-v3-x>

- > 18 base modules
- > 22 core feature modules
- > 25 additional modules
- > 23 stand alone utilities
- > 76++ github repos
- > Additional service overlay
- > No



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Geneva...

...we have a problem.



Invenio Users...

...we have a problem.



Probably, **no** current day service will be able to run V3.

(Except CDS and INSPIRE)



What is required?

- > Real world use cases
- > Real world workflows
- > Working **upgrade** path

Solutions, no matter the size of the planet.



Experiences from JOIN²

- > All Libraries are **the same**
- > Almost all usecases are **the same**
- > Almost all data are **the same**
- > Almost all data models are **the same**
- > Individualltiy can be handled **on data**
- > Implementation for Invenio 1.x using **JOIN²**
 - Technically? ≈ 15 min
 - Teaching Admin? ≈ 1 week
 - Productive? **1 year min.**

No **JOIN²**parter would be there without the others!



Homework

Think about possibilities to improve the community.

Discuss it and bring it up!

We have a session for that on **Friday, 0945** onwards...



Thank you!



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