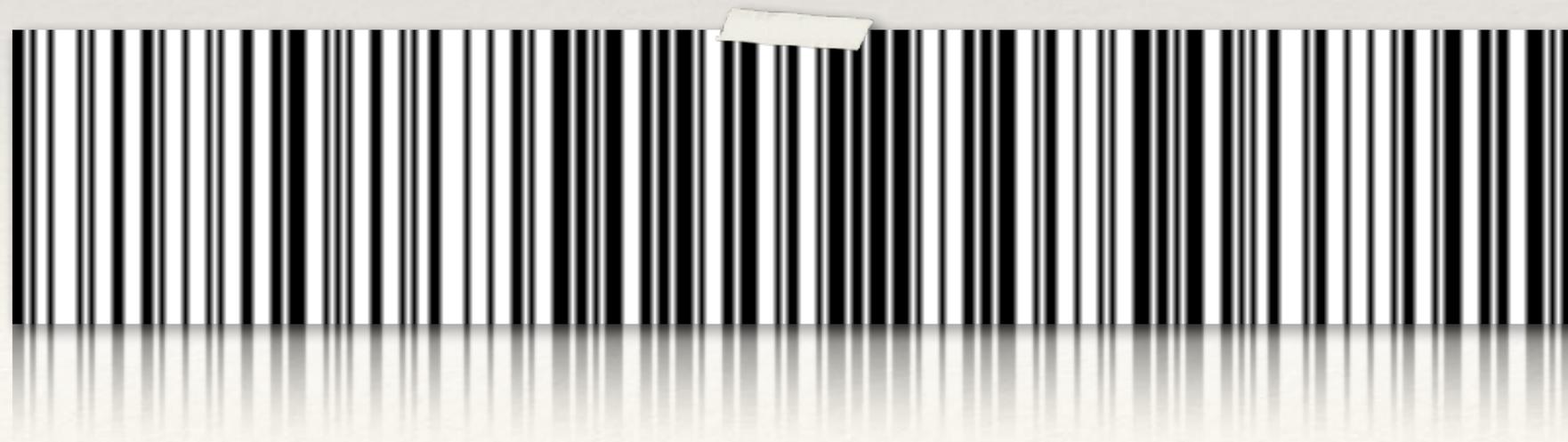




24th AGATA Week, September 2024 - Milano

Construction Data Base

C.Aufranc, O.Stézowski

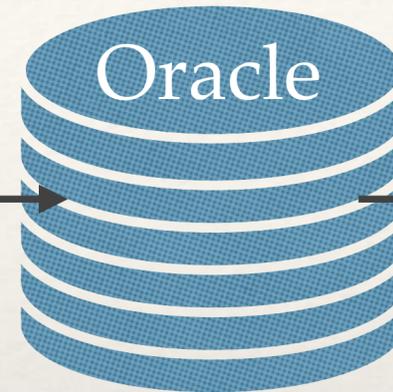


Construction Database at a glance

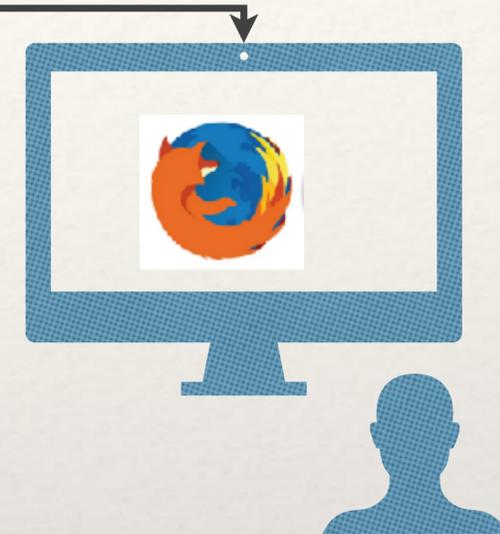


referenced in DB

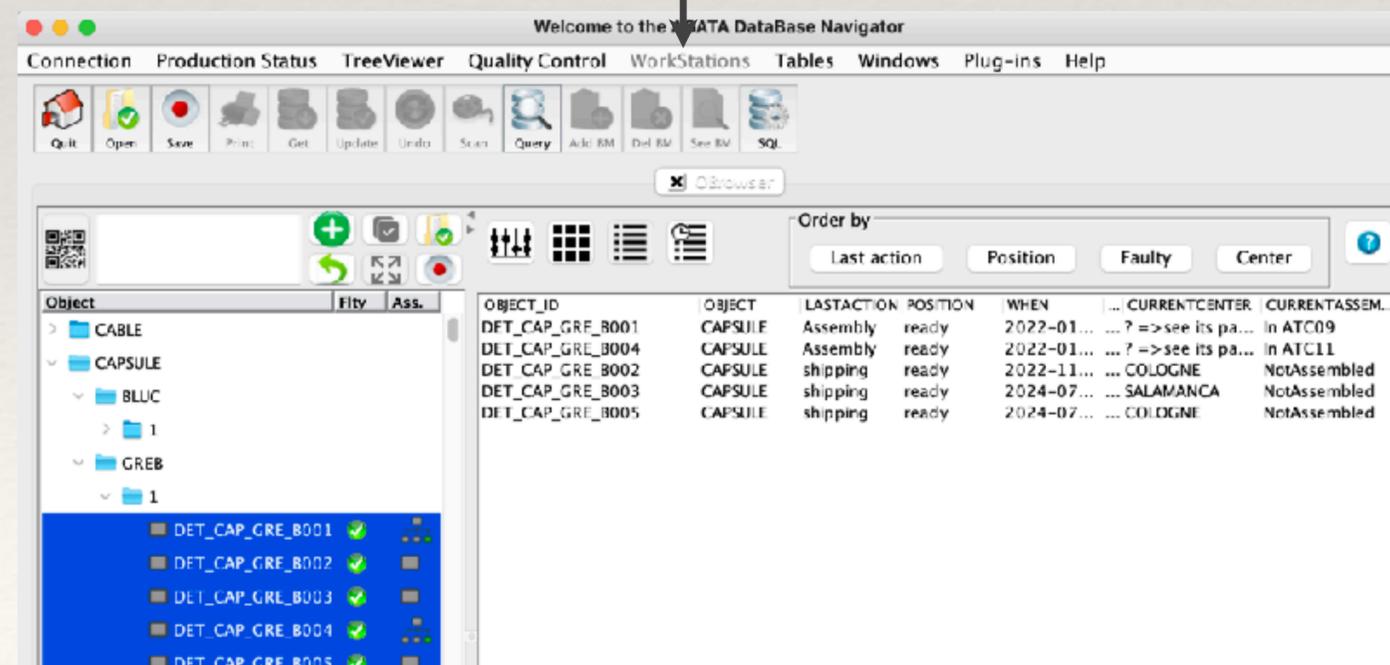
hosted@CCIN2P3



Dashboards for reporting



Java application to fully interact with the DB



AGATA Objects have a barcode

+ information attached (location, owner ...)

Construction Database : dashboards



Home About Organisation Contacts MoU ACC ASC Experiments

Publications Talks News Meetings & Workshops Grid

Complementary Detectors Links

AGATA Array Construction Database

Cécile Aufranc at IP2I Lyon has installed an application at CCIN2P3 called "metabase", which is able to draw plots of data stored in the AGATA Array Construction Database. The idea is to provide web dashboards for the AGATA collaboration, focusing on some aspects of the database as well as the possibility for any user to build their own dashboards.

Here are some links to access the metabase:

- [General dashboard.](#)
- [Unused and lent materials.](#)
- [Documentation to get an account on metabase and create/duplicate your own dashboards.](#)



Major use ... but not restricted to that ...

Moving of the array between centres

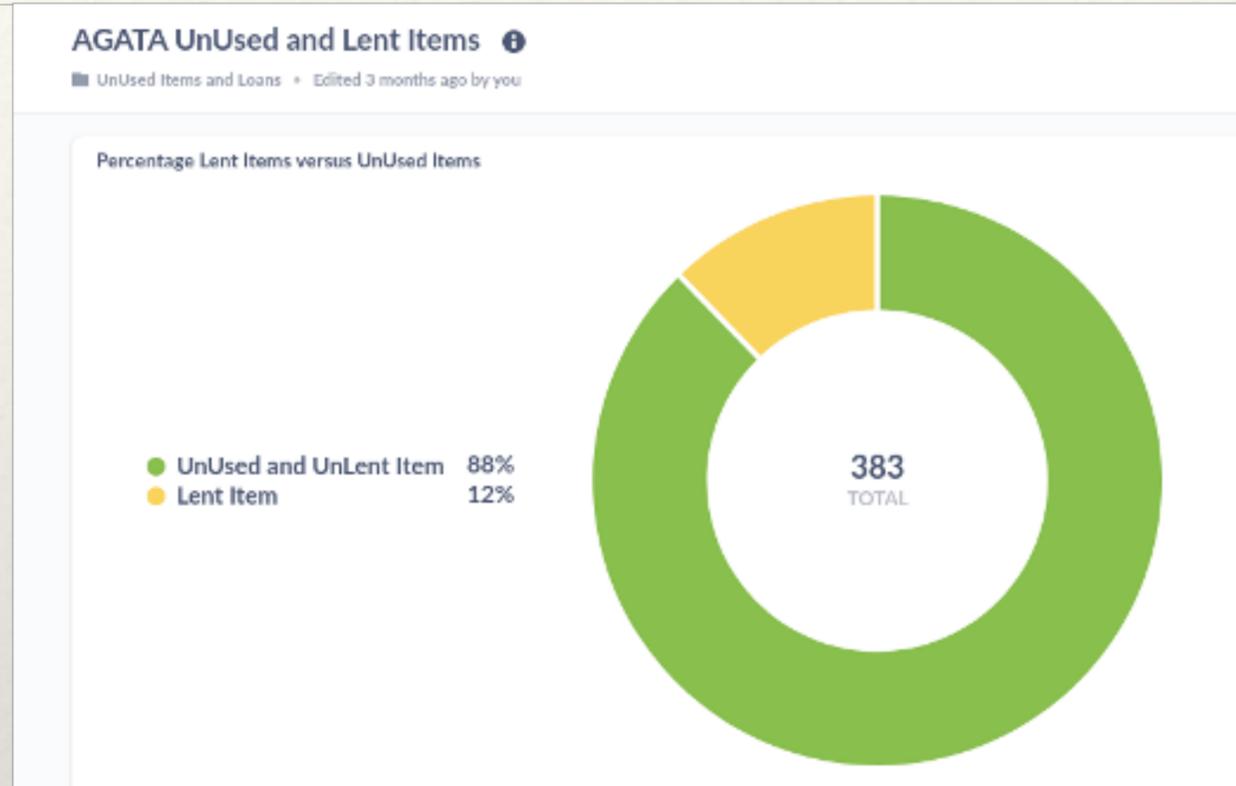


- ✓ **154 transfer boxes to LNL:**
293 objects => about 10 tons
- ✓ **Distribution of objects:**
102 DAQ, 76 Infrastructure, 58 Electronic ,
57 temporary labels for unreferenced objects



The DB should be kept
up to date regularly !
Otherwise difficulties increase !

AGATA's heritage



UnUsed Items

OBJECT_ID	OBJECT	TYPE_DESCRIPTION	LOCALIZATION	STATUSOFOBJECT
DPS_DIG_101	DIGITIZER	Cooling Mechanics	LEGNARO	VALID
DPS_DIG_102	DIGITIZER	Cooling Mechanics	LEGNARO	VALID
DPS_DIG_103	DIGITIZER	Cooling Mechanics	LEGNARO	VALID
DPS_DIG_104	DIGITIZER	Cooling Mechanics	LEGNARO	VALID
DPS_DIG_105	DIGITIZER	Cooling Mechanics	LEGNARO	VALID
DPS_DIG_106	DIGITIZER	Cooling Mechanics	LEGNARO	VALID
DPS_DIG_107	DIGITIZER	Cooling Mechanics	LEGNARO	VALID
DPS_DIG_108	DIGITIZER	Cooling Mechanics	LEGNARO	VALID
DPS_DIG_109	DIGITIZER	Cooling Mechanics	LEGNARO	VALID
DPS_DIG_110	DIGITIZER	Cooling Mechanics	LEGNARO	VALID
DPS_DIG_111	DIGITIZER	Cooling Mechanics	LEGNARO	VALID
DPS_DIG_112	DIGITIZER	Cooling Mechanics	LEGNARO	VALID
DPS_DIG_113	DIGITIZER	Cooling Mechanics	LEGNARO	VALID
DPS_DIG_114	DIGITIZER	Cooling Mechanics	LEGNARO	VALID

Available for other collaborations

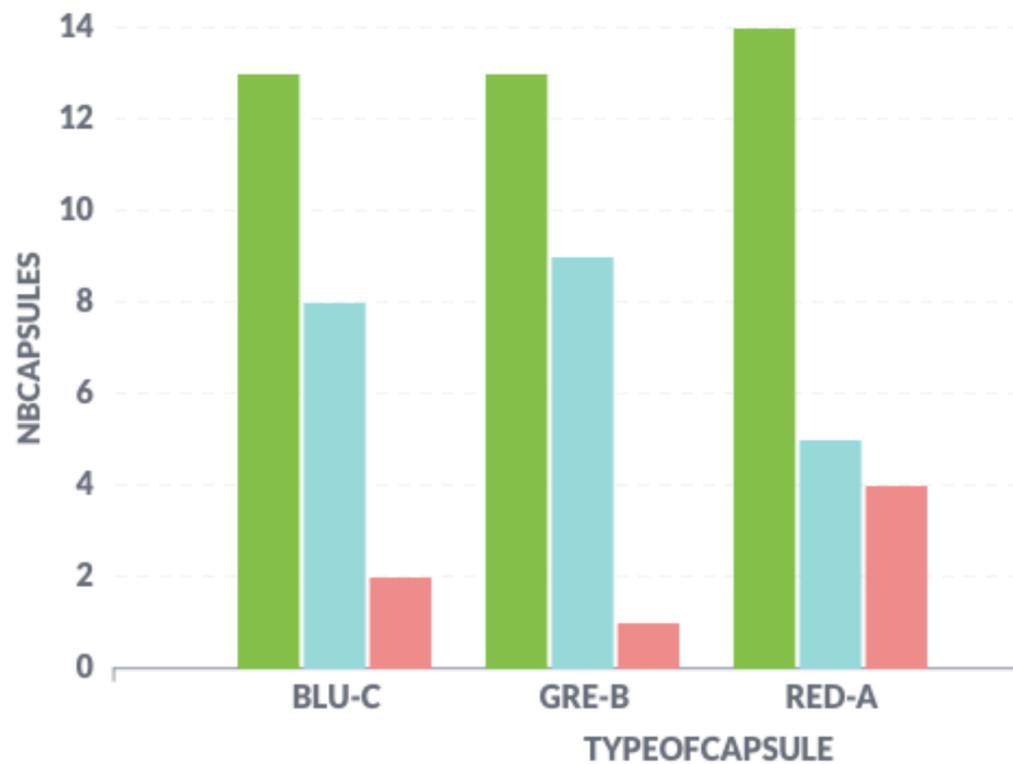
Lent Items

OBJECT_ID	OBJECT	TYPE_DESCRIPTION	VERSION	BEGINLOAN	ENDLOAN	LENDER	BORROWER	AGREEMENT	TCOMMENT	TESTDATE
DSS_AF_AIN_003	PROFIBUSAIN	Analog Input Cards	1	July 1, 2021	January 1, 2200	AGATA	EXOGAM	Gentleman Agreement with AGATA to use it until needed	Not Anymore Required for AGATA Phase 2	March 4, 2022
DSS_AF_AIN_004	PROFIBUSAIN	Analog Input Cards	1	July 1, 2021	January 1, 2200	AGATA	EXOGAM	Gentleman Agreement with AGATA to use it until needed	Not Anymore Required for AGATA Phase 2	March 4, 2022
DSS_AF_AIN_005	PROFIBUSAIN	Analog Input Cards	1	July 1, 2021	January 1, 2200	AGATA	EXOGAM	Gentleman Agreement with AGATA to use it until needed	Not Anymore Required for AGATA Phase 2	March 4, 2022
DSS_AF_AIN_006	PROFIBUSAIN	Analog Input Cards	1	July 1, 2021	January 1, 2200	AGATA	EXOGAM	Gentleman Agreement with AGATA to use it until needed	Not Anymore Required for AGATA Phase 2	March 4, 2022
DSS_AF_AIN_007	PROFIBUSAIN	Analog Input Cards	1	March 1, 2022	June 30, 2022	AGATA	DEGAS	Tacit Agreement	Sent from GANIL on 17-03-2022, received at GSI on 28-03-2022	April 6, 2022
DSS_AF_AIN_008	PROFIBUSAIN	Analog Input Cards	1	March 1, 2022	June 30, 2022	AGATA	DEGAS	Tacit Agreement	Sent from GANIL on 17-03-2022, received at GSI on 28-03-2022	April 6, 2022
DSS_AF_DIN_002	PROFIBUSDIN	Digital Input Cards	1	July 1, 2021	January 1, 2200	AGATA	EXOGAM	Gentleman Agreement with AGATA to use it until needed	Not Anymore Required for AGATA Phase 2	March 4, 2022
DSS_AF_DIN_003	PROFIBUSDIN	Digital Input Cards	1	July 1, 2021	January 1, 2200	AGATA	EXOGAM	Gentleman Agreement with AGATA to use it until needed	Not Anymore Required for AGATA Phase 2	March 4, 2022
DSS_AF_DIN_004	PROFIBUSDIN	Digital Input Cards	1	March 1, 2022	June 30, 2022	AGATA	DEGAS	Tacit Agreement	Sent from GANIL on 17-03-2022, received at GSI on 28-03-2022	April 6, 2022

Last updates in the Construction DB

Assembly Status and Status Of Capsules Gr...

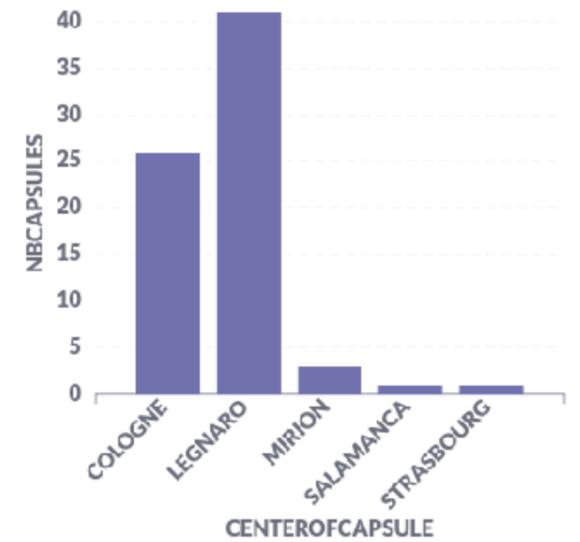
● ASSEM... ● NOTASSE... ● NOTASSE...



Last update for the detectors
July 2024

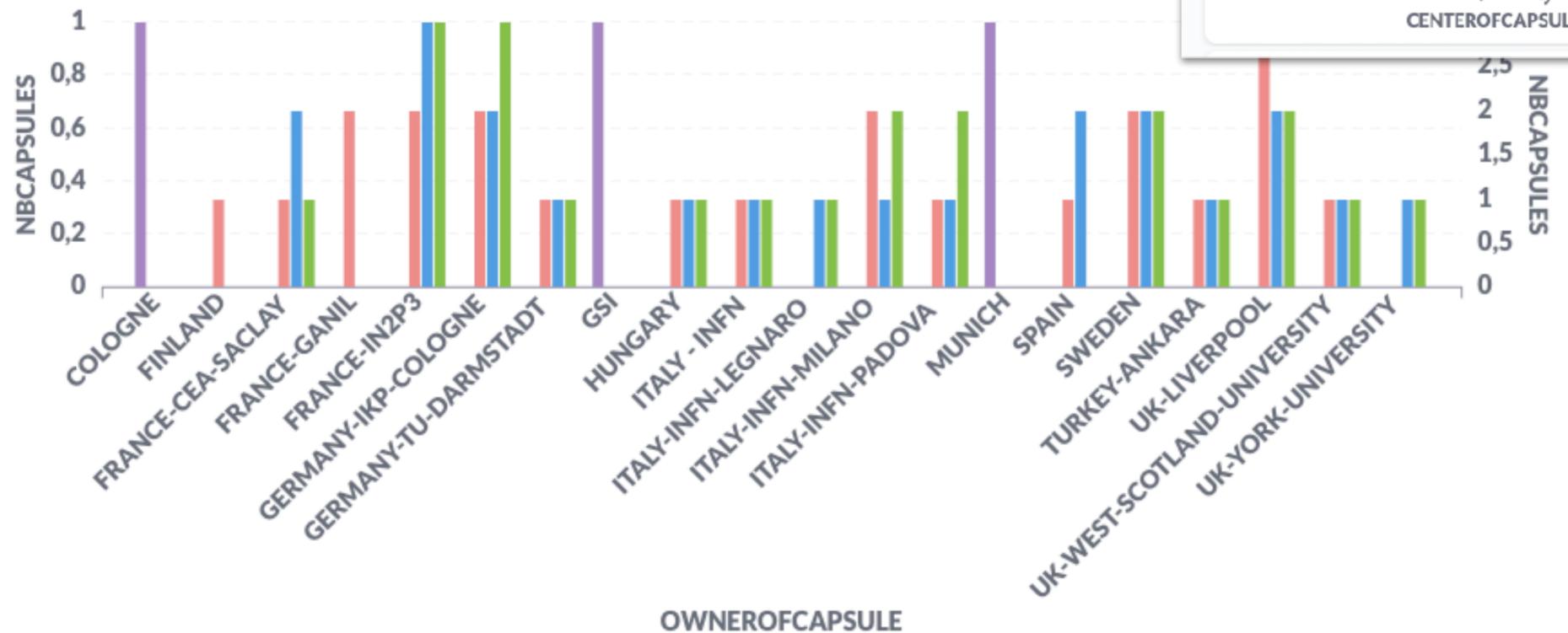
Localization of capsules

● CAPSULE



Owner of Capsules

● SYM ● RED-A ● BLU-C ● GRE-B



efficient workflow to be set up to be fully up to date