



AGATA Construction Database



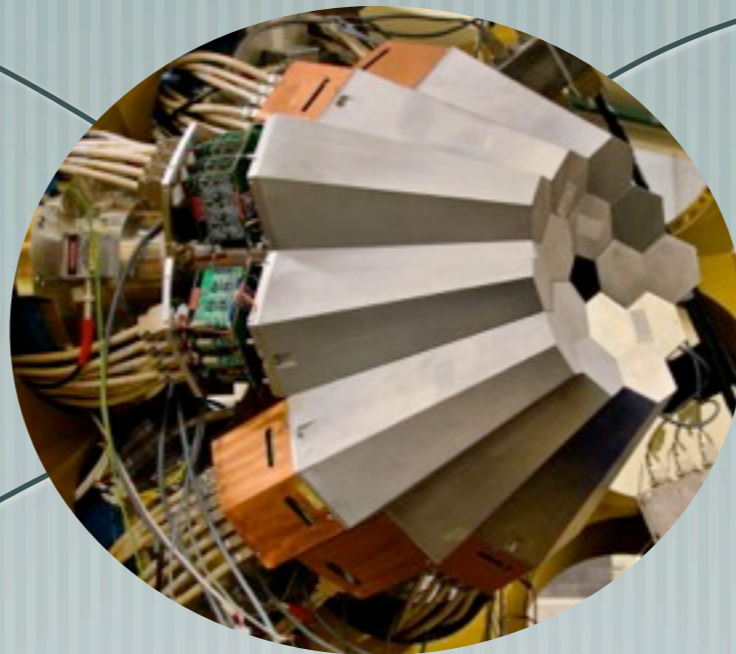
Status & perspectives

C. Aufranc, O. Stężowski, ADB contact persons, DSS team

AGATA France, Orsay, January 2014

AGATA is a long term project

Complex



Moving



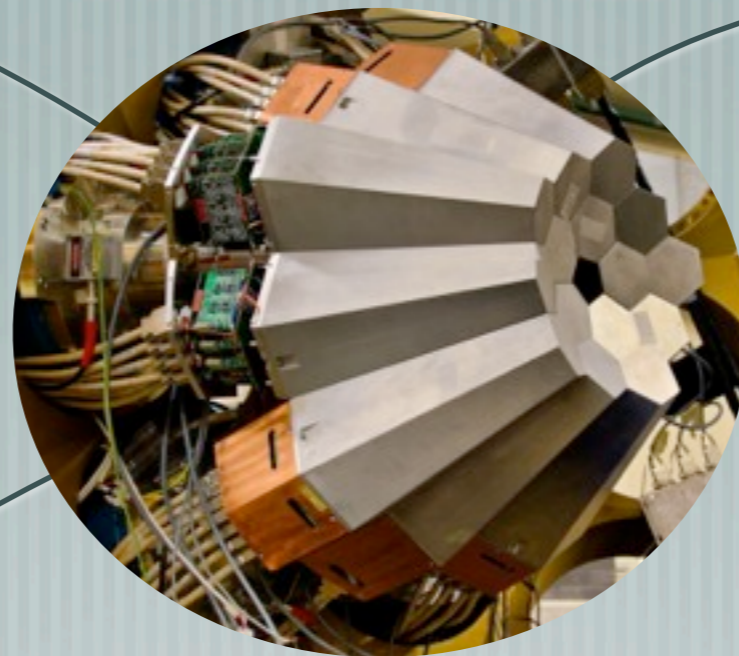
Growing



- centralize information
- keep history
 - ↳ Database !
 - ↳ 'constrain' for the collaboration

AGATA is a long term project

Complex



Moving



Growing



- centralize information
- keep history
 - ↳ Database !
 - ↳ 'constrain' for the collaboration opportunity ! **Mandatory !**

History and Current Status

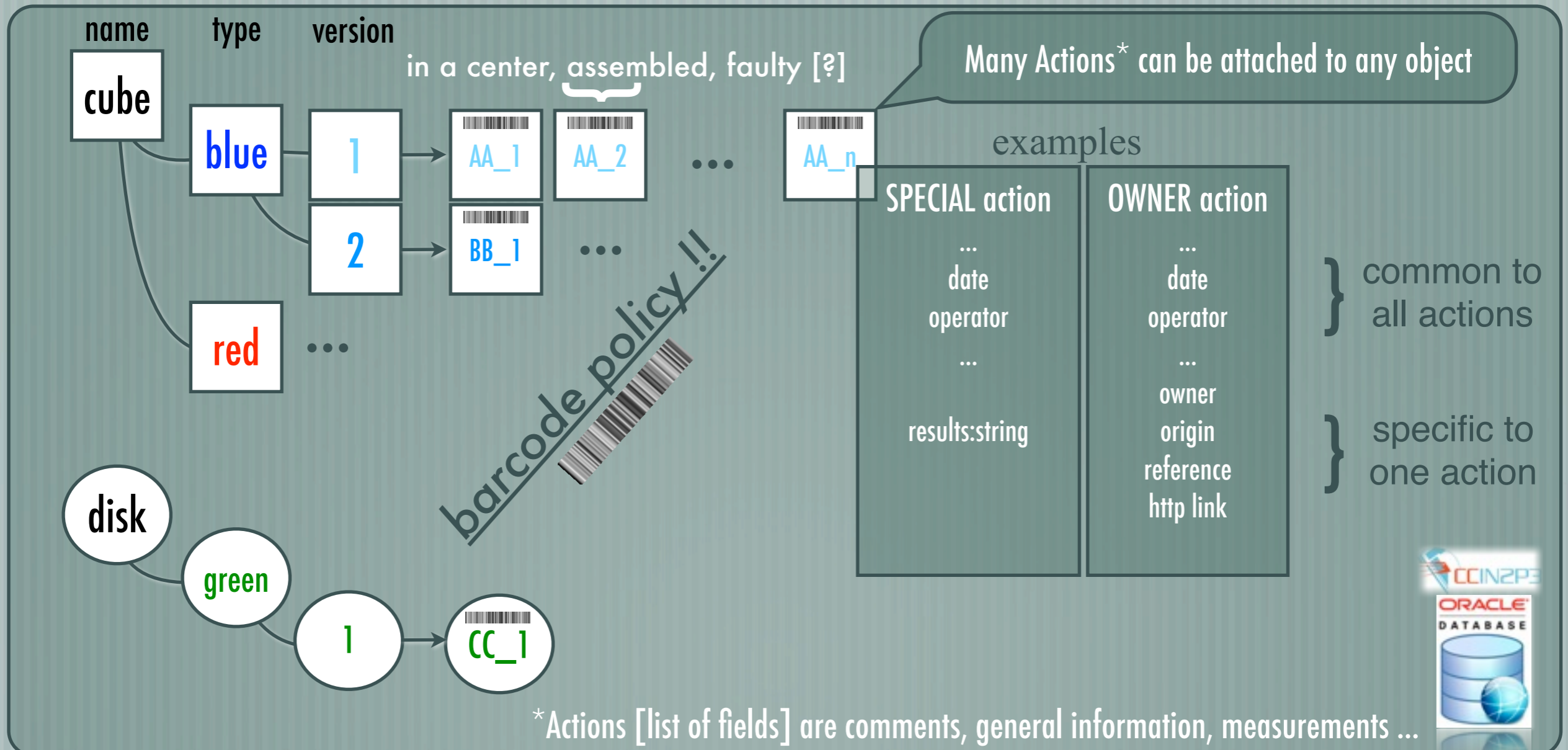
- Decision by the AMB to have a detector database 2010
 - ⇒ Definition of the structure of the DB ...
- Two campaigns LNL, autumn 2011
bar code sticked + ref. in DB (~50%)
used partially for transfer to GSI
- Two campaigns GSI
bar code sticked + ref. in DB (in July, ~90%)



Take care of the bar codes !
[some digitizers not visible any more]

The IPNL DataBase Scheme

Objects are grouped by [NAME,TYPE,VERSION]
 An object is uniquely referenced by a barcode



History and Current Status

... since The Last AGATA Week ...

- ADB administration / improvements
 - 5 Video Conf. organized since 03/2013 [based on tasks]
 - ➡ DataBase Contact Persons +Daresbury, Madrid ... active network ...
 - Cookbook for GUI (12 recipes so far)
 - ➡ already web site, video tutorials ...
 - New GUI to fill Actions in ADB

History and Current Status

Tasks

Task List	Status	Assigned To	Created	Updated	Due date	Title	Hashtags
AGATA	open	IPN Lyon	12/01/2013 21:53	12/19/2013 09:26	January 21, 2014	Define CAT and first record for all capsules	P1
AGATA	hold		12/10/2013 09:14	12/16/2013 11:09	December 20, 2013	Add New digitizer in DB	Lyon
AGATA	hold		12/12/2013 13:50	12/16/2013 11:09		Add information to digitizer Phase1	Daresbury/GSI Lyon
AGATA	hold		12/12/2013 14:08	12/16/2013 11:09		Add relevant electronic information for digitizer	Strasbourg
AGATA	hold		12/16/2013 10:32	12/16/2013 11:09	December 20, 2013	Transfert detector Cologne to GSI	Cologne GSI
AGATA	open	IPN Lyon	12/16/2013 10:51	12/17/2013 15:04	January 21, 2014	Bar code for Test TC to be delivered	
AGATA	hold		12/16/2013 10:53	12/16/2013 11:09		Special action on LVPS broken during DHL transfer	GSI
AGATA	hold		12/16/2013 10:59	12/16/2013 11:09	December 20, 2013	Special Action to set which card have been upgraded to VH	Orsay GSI
AGATA	hold		12/16/2013 11:05	12/16/2013 11:09		Update assembly of digitizers	GSI
AGATA	new		12/17/2013 17:47	12/17/2013 17:47		To take delivery of transfer of broken digitizer core modules	Daresbury
AGATA	hold		01/13/2014 14:04	01/13/2014 14:04		To Take delivery of DPS DIG COR 002, VTRANS GSI	Orsay

- 5 Video Conf. organized since 03/2013 [based on tasks]

file available using web browser

Archived tasks

Task List	Status	Assigned To	Created	Updated	Due date	Title	Hashtags
AGATA	resolved	IPN Lyon	12/11/2013 09:21	01/13/2014 14:02	December 18, 2013	Mail end of Year	
AGATA	resolved	IPN Lyon	12/16/2013 10:44	12/20/2013 10:07	December 19, 2013	Mail to Detector group to give the DB situation	
AGATA	rejected		12/16/2013 10:57	12/19/2013 10:32		Upgrade of old core digitizer	Strasbourg

To Browse the Registered Objects

• Cookbook for GUI

1. Select the inventory panel

or put (scan) a particular barcode

2. Query!

set filter on name, type, version of object(s) you look for information

additional filters

- by groups of obj.
- by individual obj.
- by individual + history

Here is the result after Query

*** Careful! ***
default is to show only not assembled objects
Change here for more

Ready.

To Browse the Registered Objects

1. Select the Inventory panel

or put (scan) a particular barcode

2. Query!

set filter on name, type, version of object(s) you look for information

The screenshot shows the AGATA DataBase Navigator interface. At the top, there's a menu bar with options like 'Production Status', 'Quality Control', 'WorkStations', 'Tables', 'Windows', 'Plug-ins', and 'Help'. Below the menu is a toolbar with icons for 'Quit', 'Open', 'Save', 'Print', 'Get', 'Update', 'Undo', 'Scan', 'Query', 'Add BM', 'Del BM', 'See BM', and 'SQL'. A 'Selection criteria and showing properties' section contains filters for 'Object:', 'Type:', and 'Version:', each with a dropdown menu. To the right of these filters is a text input field labeled 'or enter a barcode:'. Below this is a table with columns: 'OBJECT_ID', 'OBJECT', 'TYPE_DESCRIPTION', 'VERSION', 'POSITION', 'LASTACTION', 'FAULTY', and 'SEQUENCE'. The table contains various rows of object data, with some rows highlighted in red. At the bottom of the table, it says 'ready (selected 100.00% of objects)'. The status bar at the very bottom indicates 'connected to production DB'.

To Browse an Object that contains Objects

• Cookbook for GUI

1. Select the Assembly History Navigator

2. Put the object's barcode you search for the content [enter]

date status left side

compares the 2 dates

date status right side

Object ID : ATC01 Ref. date chosen (YYYY-MM-DD HH24:MI:SS): 2013-07-01 18:09:44 Date of assembly or de-assembly: 2011-11-30 18:24:17

Composition of ATC01 at the reference date chosen (2013-07-01 18:09:44):

- ATC01 : TCLUSTER Asymmetric Triple Cluster v. 1
 - DET_CAP_BLU_C003 : CAPSULE Blue (C) v. 1 =>Assembled at 2012-07-02
 - DET_CAP_GRE_B001 : CAPSULE Green (B) v. 1 =>Assembled at 2012-07-02
 - DET_CAP_RED_A008 : CAPSULE Red (A) v. 1 =>Assembled at 2012-07-02
 - DET_CRYO_AT_001 : CRYOSTAT Asymmetric Triple v. 1 =>Assembled at 2011-11-30 18:24:17
 - DET_ECP_AT_007 : ENDCAP Asymmetric Triple v. 1 =>Assembled at 2011-11-30 18:24:17
 - DET_PABO_001 : PATCHBOX Low Voltage v. 1 =>Assembled at 2011-11-30 18:24:17
 - DET_PA_ATC01 : PREAMPLISTC Triple Cluster : position 1-3 for Core, 4

Composition of ATC01 at the above date (2011-11-30 18:24:17, date of assembly or de-assembly):

- ATC01 : TCLUSTER Asymmetric Triple Cluster v. 1
 - DET_CAP_BLU_C003 : CAPSULE Blue (C) v. 1 =>Assembled at 2011-11-30 10:32:50
 - DET_CAP_GRE_B001 : CAPSULE Green (B) v. 1 =>Assembled at 2011-11-30 10:32:50
 - DET_CAP_RED_A006 : CAPSULE Red (A) v. 1 =>Assembled at 2011-11-30 10:32:50
 - DET_CRYO_AT_001 : CRYOSTAT Asymmetric Triple v. 1 =>Assembled at 2011-11-30 18:24:16
 - DET_ECP_AT_001 : ENDCAP Asymmetric Triple v. 1 =>Assembled at 2011-11-30 18:24:17

Reference to be compared with right

differences with left appear in red/bold

Move to first DB input on right side

Move down in history on right side

Move up in history on right side

Move to last DB input on right side

Right panel becomes left (i.e. reference)

In case there are too many objects to be displayed

Max. number of components displayed: 100

History and Current Status

Quit Open Save Print Get Update Undo Scan Query Add BM Del BM See BM SQL

Inventory UpdateActionV0 View transfers UpdateActionV0 View transfers UpdateActionV0

Object

Object Barcode: Object: Object Type: Object Version:

Choose an action: and a base action:

Generic fields

Fields in red are mandatory:

Tool :

Test date:

Status:

Value:

Test comment:

Operator:

Specific fields

OWNER:

ORIGIN:

REFERENCE:

HYPERLINK:

• New GUI to fill Actions in ADB

◀◀ ◀ ▶ ▶▶

History and Current Status

... since The Last AGATA Week ...

- ADB fillings, some important actions
 - DSS, LVPS, detector, Saclay has been active in using the DB
 - Digitizers
 - information of old to be inserted + owner + IP/MAC + upgrades
 - To finish the definition of new Pre Processing Chain (by next AW)
 - Electronics ...
 - Detector group ... we have tried to fill DB with input from Bart
 - Detector group ... CAT operational in DB [production]
 - GSI (Frederic) active in feeding the DB, not easy ...

everyone should be concerned !!!!!

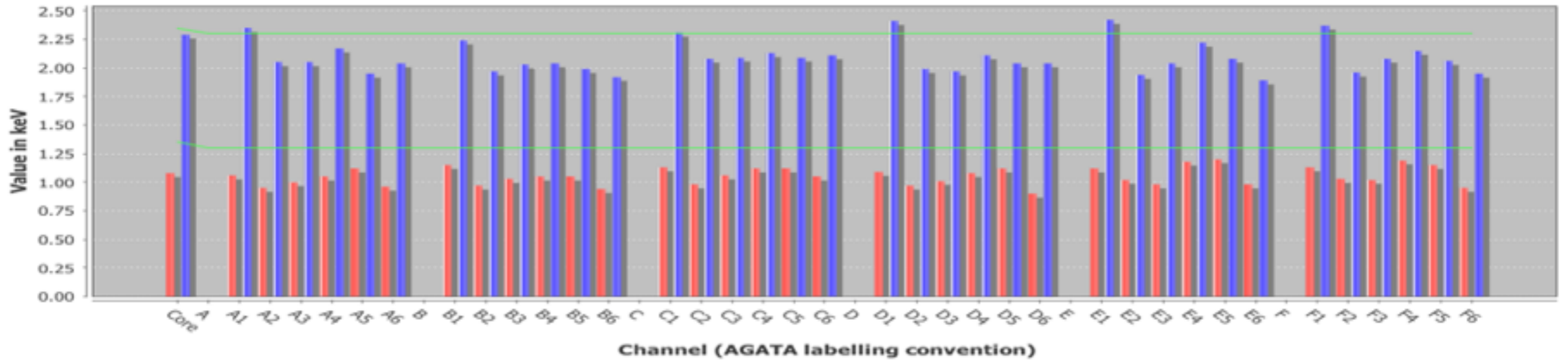


Barcode of the capsule: DET_CAP_GRE_B005

Center of the CAT: *

Do plot/log Clear plot/log

Capsule DET_CAP_GRE_B005 resolution at Aug 15, 2009 4:50:06 PM



59.6 keV (Core at 122 keV) 1332.5 keV

Specification low and high energy



to browse the timeline

Log Area:

```

idate: 2009-08-15 16:50:06
test_id: 521
status: reference
Tool: 201, CAT, COLOGNE, CAT, Customer Acceptance Test
CATBASE_val: :0:
operator: LYON
icomment: All values extracted from report. PT100, efficiency and details of sources missing
-----
Labelling code: IKP labelling convention: A1=1 A6=6 F6=36
ELowCor: 122
EHighCore: 1332.5
ELowSeg: 59.6
EHighSeg: 1332.5
NomiResLowCor: 1.35
NomiResHighCor: 2.35
NomiResLowSeg: 1.3
NomiResHighSeg: 2.3
ResLowCor: 1.08
ResHighCor: 2.29
ResLowSeg: 1.15 0.97 1.03 1.05 1.05 0.94 1.13 0.98 1.06 1.12 1.12 1.05 1.09 0.97 1.01 1.08 1.12 0.9 1.12 1.02 0.98 1.18 1.2 0.98 1.13 1.03 1.02 1.19 1.15 0.95 1.06 0.95 1.0 1.05 1.12 0.96
ResHighSeg: 2.24 1.97 2.03 2.04 1.99 1.92 2.31 2.08 2.09 2.13 2.09 2.11 2.41 1.99 1.97 2.11 2.04 2.04 2.42 1.94 2.04 2.22 2.08 1.89 2.37 1.96 2.08 2.15 2.06 1.95 2.35 2.05 2.05 2.17 1.95 2.04
Efficiency: null
StatusCaps: Accepted
Report : https://www.ikp.uni-koeln.de/~barth/AGATA_Manuals/Accepted/report_B005_SN74065.pdf
Authors : B. Bruyneel, A. Wiens, D. Lersch, H. Hess, J. Eberth, P. Reiter
Preamplifiers : GANIL
MainAmplifier : standard ORTEC 572 spectroscopy amplifier
ShapingTime : 6
MCAType : PC based system
CapsPosition : 0
HighVoltage : 4500
TestCryostat : TestC4 / Serial Nr - 10045
PT100 : null
Sources : null
Channel : 1 0 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36
object_id: DET_CAP_GRE_B005

```

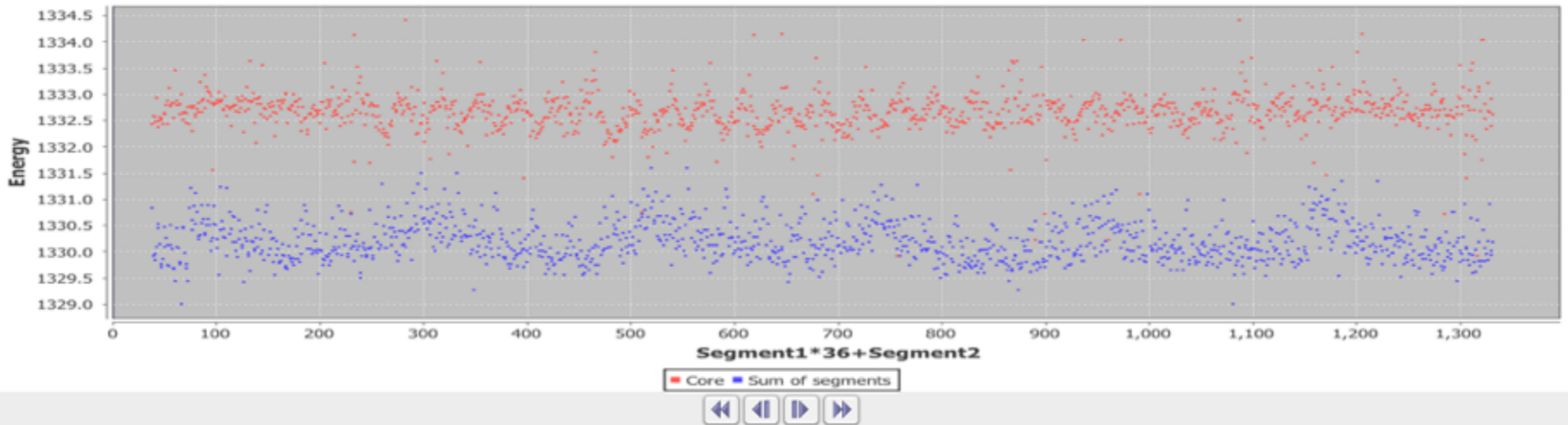
Full input given there

• Detector group ... CAT operational in DB [production]

Inventory UpdateActionVO View transfers UpdateActionVO View transfers UpdateActionVO ResCapsVO XTalkCapsVO

Barcode of the capsule: DET_CAP_GRE_B005 Center of the CAT: * Do plot/log Clear plot/log

Crosstalk for capsule DET_CAP_GRE_B005 at Aug 15, 2009 4:50:06 PM



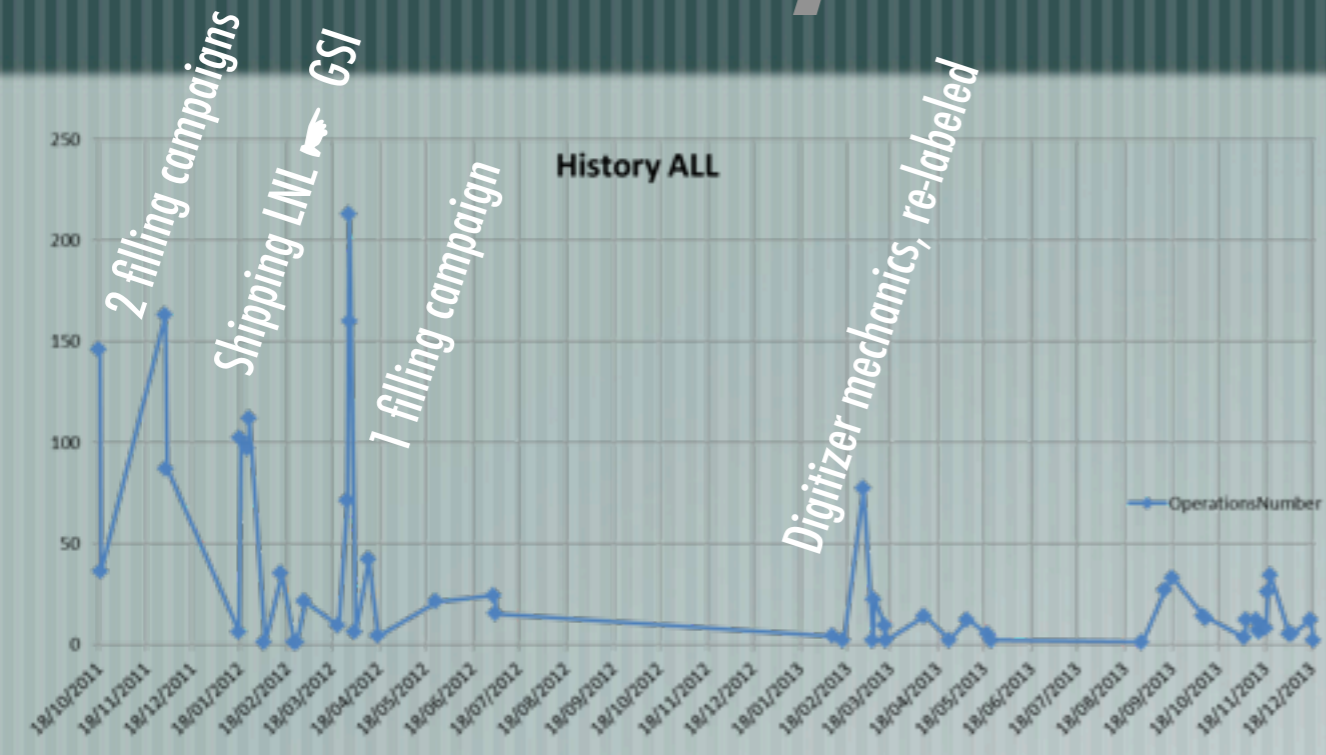
Log Area:

date: 2009-08-15 16:50:06
 test_id: 521
 status: reference
 Tool: 201, CAT, COLOGNE, CAT, Customer Acceptance Test
 CATBASE_val: 0:
 operator: LYON
 comment: All values extracted from report. PT100, efficiency and details of sources missing

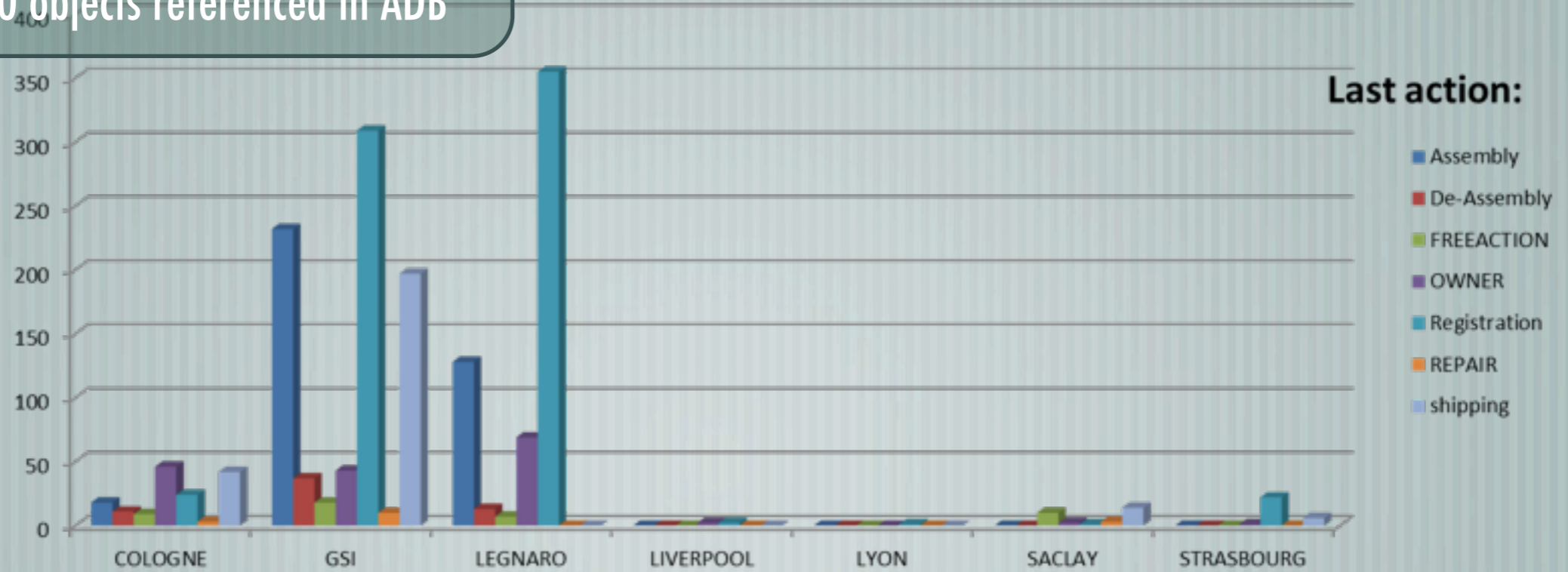
● Detector group ... CAT operational in DB [production]

XTalkMethod: 2 fold
 XTalkModule: XIA DGF 4C Rev E
 XTalkDataCor: 1 2 1175.56 1332.44 1 3 1175.73 1332.58 1 4 1175.77 1332.56 1 5 1175.48 1332.48 1 6 1175.76 1332.93 1 7 1175.39 1332.37 1 8 1175.57 1332.49 1 9 1175.70 1332.57 1 10 1175.68 1332.54 1 11 1175.70 1332.52 1 12 1175.95 1332.44 1 13 1175.75 1332.62 1 14 1175.83 1332.64 1 15 1175.94 1332.79 1 16 1175.70 1332.88 1 17 1175.58 1332.48 1 18 1174.08 1333.32 1 19 1175.94 1332.79 1 20 1175.99 1332.77 1 21 1175.86 1332.84 1 22 1174.05 1332.55 1 23 1175.95 1332.85 1 24 1174.05 1333.47 1 25 1175.95 1332.87 1 26 1175.88 1332.79 1 27 1175.72 1332.80 1 28 1175.78 1332.63 1 29 1175.72 1332.82 1 30 1175.95 1333.01 1 31 1175.64 1332.52 1 32 1175.79 1332.65 1 33 1175.90 1332.66 1 34 1175.89 1332.64 1 35 1175.71 1332.45 1 36 1174.09 1332.76 2 1 1175.56 1332.44 2 2 1175.79 1332.78 2 3 1175.82 1332.74 2 4 1175.82 1332.78 2 5 1175.43 1332.30 2 6 1175.82 1332.78 2 7 1175.69 1332.56 2 8 1175.69 1332.63 2 9 1175.81 1332.72 2 10 1175.75 1332.66 2 11 1175.68 1332.83 2 12 1175.94 1333.23 2 13 1175.80 1332.66 2 14 1175.81 1332.88 2 15 1174.03 1332.91 2 16 1175.90 1332.75 2 17 1174.06 1332.87 2 18 1171.76 1333.14 2 19 1175.74 1332.87 2 20 1175.89 1333.06 2 21 1174.10 1332.97 2 22 1175.88 1332.83 2 23 1175.88 1332.83 2 24 1175.99 1331.56 2 25 1175.95 1332.80 2 26 1175.96 1332.84 2 27 1174.09 1332.83 2 28 1175.79 1332.89 2 29 1175.97 1332.84 2 30 1174.00 1333.04 2 31 1175.94 1332.85 2 32 1175.90 1332.90 2 33 1175.97 1332.90 2 34 1175.91 1332.72 2 35 1175.72 1332.71 2 36 1175.43 1332.96 3 1 1175.73 1332.58 3 2 1175.79 1332.78 3 3 1175.84 1332.76 3 4 1175.84 1332.76 3 5 1175.78 1332.40 3 6 1175.78 1332.40 3 7 1175.77 1332.78 3 8 1175.87 1332.76 3 9 1175.86 1332.79 3 10 1175.84 1332.80 3 11 1175.70 1332.69 3 12 1174.17 1332.94 3 13 1175.73 1332.66 3 14 1175.81 1332.87 3 15 1175.95 1332.74 3 16 1175.80 1332.87 3 17 1174.01 1332.96 3 18 1175.87 1332.29 3 19 1175.90 1332.69 3 20 1175.82 1332.92 3 21 1175.98 1333.15 3 22 1175.96 1332.88 3 23 1174.17 1332.73 3 24 1174.38 1333.63 3 25 1175.87 1332.88 3 26 1174.08 1332.86 3 27 1174.06 1333.03 3 28 1175.99 1332.91 3 29 1174.38 1332.45 3 30 1174.21 1332.08 3 31 1175.90 1332.81 3 32 1175.97 1332.92 3 33 1175.99 1332.95 3 34 1175.87 1332.81 3 35 1175.83 1332.82 3 36 1175.76 1333.55 4 1 1175.77 1332.56 4 2 1175.82 1332.74 4 3 1175.84 1332.72 4 4 1175.62 1332.53 4 5 1175.80 1332.81 4 6 1175.80 1332.81 4 7 1175.75 1332.58 4 8 1175.76 1332.76 4 9 1175.83 1332.86 4 10 1175.87 1332.78 4 11 1175.81 1332.67 4 12 1175.81 1332.21 4 13 1175.62 1332.48 4 14 1175.59 1332.64 4 15 1175.73 1332.88 4 16 1175.95 1332.87 4 17 1175.85 1332.77 4 18 1174.09 1332.73 4 19 1175.82 1332.84 4 20 1175.81 1332.89 4 21 1175.88 1332.90 4 22 1175.76 1333.01 4 23 1175.78 1333.02 4 24 1175.46 1332.46 4 25 1175.98 1332.72 4 26 1174.10 1332.74 4 27 1174.08 1332.71 4 28 1175.90 1332.80 4 29 1175.87 1332.78 4 30 1174.29 1333.00 4 31 1175.85 1332.83 4 32 1175.84 1332.87 4 33 1175.89 1332.76 4 34 1175.75 1332.60 4 35 1175.96 1332.92 5 1 1175.48 1332.48 5 2 1175.43 1332.30 5 3 1175.45 1332.76 5 4 1175.62 1332.55 5 5 1175.56 1332.55 5 6 1175.44 1332.53 5 7 1175.44 1332.53 5 8 1175.51 1332.63 5 9 1175.56 1332.65 5 10 1175.74 1332.65 5 11 1175.74 1332.65 5 12 1175.98 1332.74 5 13 1175.69 1332.57 5 14 1175.72 1332.80 5 15 1175.84 1332.70 5 16 1174.01 1332.60 5 17 1172.23 1332.69 5 18 1172.52 1332.64 5 19 1175.69 1332.45 5 20 1175.98 1332.71 5 21 1175.84 1332.85 5 22 1175.89 1332.65 5 23 1175.81 1332.86 5 24 1175.92 1333.59 5 25 1175.75 1332.75 5 26 1175.86 1332.54 5 27 1175.58 1332.89 5 28 1175.74 1332.78 5 29 1175.92 1332.85 5 30 1175.98 1332.90 5 31 1175.65 1332.59 5 32 1175.62 1333.15 5 33 1175.81 1332.67 5 34 1175.74 1332.60 5 35 1175.82 1332.70 5 36 1175.95 1332.62 6 1 1175.76 1332.93 6 2 1175.82 1332.78 6 3 1175.78 1332.40 6 4 1175.80 1332.81 6 5 1175.36 1332.55 6 6 1175.66 1332.46 6 7 1175.66 1332.46 6 8 1174.46 1333.09 6 9 1174.00 1332.88 6 10 1173.67 1332.87 6 11 1175.74 1332.59 6 12 1175.97 1332.95 6 13 1175.87 1332.48 6 14 1174.23 1330.76 6 15 1175.74 1332.63 6 16 1175.91 1331.72 6 17 1175.74 1334.16 6 18 1175.42 1332.70 6 19 1175.67 1333.02 6 20 1175.84 1333.53 6 21 1175.89 1333.22 6 22 1175.77 1332.64 6 23 1175.96 1333.46 6 24 1174.20 1332.91 6 25 1174.00 1332.82 6 26 1174.44 1332.86 6 27 1175.62 1332.42 6 28 1175.06 1333.01 6 29 1175.97 1332.65 6 30 1175.93 1332.99 6 31 1175.80 1332.78 6 32 1174.16 1331.89 6 33 1175.92 1332.83 6 34 1175.70 1332.61 6 35 1175.80 1332.80 6 36 1175.87 1332.77 7 1 1175.39 1332.37 7 2 1175.69 1332.36 7 3 1175.77 1332.78 7 4 1175.75 1332.58 7 5 1175.44 1332.58 7 6 1175.66 1332.46 7 7 1175.57 1332.65 7 8 1175.73 1332.65 7 9 1175.66 1332.54 7 10 1175.97 1332.26 7 11 1175.52 1332.20 7 12 1175.61 1332.26 7 13 1175.15 1332.04 7 14 1175.31 1332.19 7 15 1175.55 1332.44 7 16 1175.62 1332.30 7 17 1175.44 1332.39 7 18 1175.74 1332.75 7 19 1175.81 1332.82 7 20 1175.84 1332.79 7 21 1175.79 1332.66 7 22 1175.60 1332.70 7 23 1175.65 1333.05 7 24 1175.98 1332.93 7 25 1175.89 1332.86 7 26 1175.96 1332.79 7 27 1175.81 1332.90 7 28 1175.77 1332.62 7 29 1175.92 1332.69 7 30 1174.21 1334.41 7 31 1174.01 1332.93 7 32 1175.93 1332.80 7 33 1174.00 1332.75 7 34 1175.76 1332.81 7 35 1175.76 1332.75 7 36 1175.82 1333.14 8 1 1175.57 1332.49 8 2 1175.69 1332.63 8 3 1175.87 1332.76 8 4 1175.76 1332.76 8 5 1175.51 1332.24 8 6 1174.46 1333.09 8 7 1175.57 1332.26 8 8 1175.57 1332.43 8 9 1175.52 1332.46 8 10 1175.52 1332.46 8 11 1175.69 1332.60 8 12 1174.01 1332.83 8 13 1175.35 1332.09 8 14 1175.59 1332.29 8 15 1175.70 1332.53 8 16 1175.52 1332.45 8 17 1175.47 1332.34 8 18 1175.74 1331.77 8 19 1175.79 1332.67 8 20 1175.76 1332.77 8 21 1175.85 1332.77 8 22 1175.85 1332.77 8 23 1175.71 1332.72 8 24 1174.39 1333.64 8 25 1175.81 1332.85 8 26 1175.77 1332.86 8 27 1175.99 1332.76 8 28 1175.99 1332.86 8 29 1174.03 1333.11 8 30 1175.63 1333.40 8 31 1175.87 1332.94 8 32 1175.87 1332.89 8 33 1175.94 1332.75 8 34 1175.78 1332.78 8 35 1175.81 1332.36 8 36 1174.07 1331.87 9 1 1175.70 1332.57 9 2 1175.81 1332.72 9 3 1175.86 1332.79 9 4 1175.83 1332.86 9 5 1175.36 1332.63 9 6 1174.00 1332.88 9 7 1175.46 1332.34 9 8 1175.57 1332.48 9 9 1175.54 1332.40 9 10 1175.54 1332.40 9 11 1175.48 1332.31 9 12 1175.71 1332.65 9 13 1175.35 1332.26 9 14 1175.56 1332.47 9 15 1175.69 1332.31 9 16 1175.53 1332.53 9 17 1175.46 1332.55 9 18 1175.76 1332.01 9 19 1175.70 1332.61 9 20 1175.91 1332.71 9 21 1175.88 1332.68 9 22 1174.01 1332.75 9 23 1175.85 1332.36 9 24 1174.15 1332.78 9 25 1175.85 1332.84 9 26 1174.00 1332.90 9 27 1175.99 1332.99 9 28 1175.90 1332.83 9 29 1175.58 1332.75 9 30 1174.01 1333.62 9 31 1175.88 1333.00 9 32 1174.07 1332.85 9 33 1175.94 1333.01 9 34 1175.87 1332.68 9 35 1175.98 1332.80 9 36 1174.23 1332.23 10 1 1175.68 1332.66 10 2 1175.84 1332.80 10 3 1175.84 1332.80 10 4 1175.87 1332.78 10 5 1175.74 1332.63 10 6 1175.67 1332.67 10 7 1175.37 1332.26 10 8 1175.52 1332.20 10 9 1175.61 1332.26 10 10 1175.15 1332.04 10 11 1175.31 1332.19 10 12 1175.47 1332.60 10 13 1175.32 1332.35 10 14 1175.44 1332.35 10 15 1175.32 1332.35 10 16 1175.44 1332.35 10 17 1175.51 1332.40 10 18 1175.58 1332.55 10 19 1175.61 1332.42 10 20 1175.65 1332.57 10 21 1175.86 1332.74 10 22 1175.77 1332.78 10 23 1175.83 1332.73 10 24 1175.91 1332.46 10 25 1175.68 1332.67 10 26 1175.79 1332.96 10 27 1175.84 1332.96 10 28 1175.79 1332.83 10 29 1175.99 1332.69 10 30 1174.42 1332.86 10 31 1175.93 1332.73 10 32 1175.86 1332.81 10 33 1174.00 1333.09 10 34 1175.83 1332.89 10 35 1175.85 1332.71 10 36 1175.81 1331.41 11 1 1175.70 1332.52 11 2 1175.68 1332.85 11 3 1175.70 1332.69 11 4 1175.81 1332.67 11 5 1175.74 1332.65 11 6 1175.74 1332.59 11 7 1175.52 1332.20 11 8 1175.69 1332.60 11 9 1175.48 1332.31 11 10 1175.45 1332.30 11 11 1175.60 1332.48 11 12 1175.60 1332.48 11 13 1175.40 1332.17 11 14 1175.51 1332.24 11 15 1175.50 1332.43 11 16 1175.41 1332.26 11 17 1175.50 1332.33 11 18 1175.64 1332.47 11 19 1175.60 1332.38 11 20 1175.58 1332.53 11 21 1175.86 1332.91 11 22 1175.75 1332.57 11 23 1175.91 1332.85 11 24 1175.86 1333.04 11 25 1175.87 1332.55 11 26 1175.97 1332.66 11 27 1175.96 1332.90 11 28 1175.78 1332.75 11 29 1175.91 1332.85 11 30 1175.94 1332.92 11 31 1174.06 1332.58 11 32 1175.84 1332.47 11 33 1175.55 1332.68 11 34 1175.99 1332.95 11 35 1175.98 1332.75 11 36 1174.20 1332.78 12 1 1175.95 1332.44 12 2 1175.94 1333.25 12 3 1174.17 1332.94 12 4 1175.81 1332.21 12 5 1175.98 1332.74 12 6 1175.97 1332.95 12 7 1175.61 1332.26 12 8 1174.01 1332.83 12 9 1175.71 1332.65 12 10 1175.47 1332.60 12 11 1175.60 1332.48 12 12 1175.41 1332.24 12 13 1175.56 1332.30 12 14 1175.56 1332.30 12 15 1175.55 1332.75 12 16 1175.74 1332.44 12 17 1175.48 1332.27 12 18 1175.71 1332.50 12 19 1175.75 1332.62 12 20 1175.99 1333.08 12 21 1175.54 1332.74 12 22 1175.92 1332.74 12 23 1174.15 1332.86 12 24 1174.08 1333.27 12 25 1174.01 1332.89 12 26 1175.94 1333.02 12 27 1174.38 1332.86 12 28 1175.91 1332.83 12 29 1174.28 1332.63 12 30 1175.84 1333.26 12 31 1175.91 1333.05 12 32 1174.24 1333.47 12 33 1174.04 1333.80 12 34 1175.97 1333.27 12 35 1174.09 1332.57 12 36 1174.18 1333.08 13 1 1175.75 1332.62 13 2 1175.80 1332.66 13 3 1175.73 1332.66 13 4 1175.62 1332.48 13 5 1175.69 1332.57 13 6 1175.17 1332.48 13 7 1175.15 1332.48 13 8 1175.35 1332.26 13 9 1175.32 1332.35 13 10 1175.40 1332.37 13 11 1175.40 1332.37 13 12 1175.41 1332.24 13 13 1175.41 1332.24 13 14 1175.41 1332.24 13 15 1175.41 1332.24 13 16 1175.41 1332.24 13 17 1175.41 1332.24 13 18 1175.41 1332.24 13 19 1175.41 1332.24 13 20 1175.41 1332.24 13 21 1175.41 1332.24 13 22 1175.41 1332.24 13 23 1175.41 1332.24 13 24 1175.41 1332.24 13 25 1175.41 1332.24 13 26 1175.41 1332.24 13 27 1175.41 1332.24 13 28 1175.41 1332.24 13 29 1175.41 1332.24 13 30 1175.41 1332.24 13 31 1175.41 1332.24 13 32 1175.41 1332.24 13 33 1175.41 1332.24 13 34 1175.41 1332.24 13 35 1175.41 1332.24 13 36 1175.41 1332.24 13 37 1175.41 1332.24 13 38 1175.41 1332.24 13 39 1175.41 1332.24 13 40 1175.41 1332.24 13 41 1175.41 1332.24 13 42 1175.41 1332.24 13 43 1175.41 1332.24 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1175.41 1332.24 13 90 1175.41 1332.24 13 91 1175.41 1332.24 13 92 1175.41 1332.24 13 93 1175.41 1332.24 13 94 1175.41 1332.24 13 95 1175.41 1332.24 13 96 1175.41 1332.24 13 97 1175.41 1332.24 13 98 1175.41 1332.24 13 99 1175.41 1332.24 13 100 1175.41 1332.24 13 101 1175.41 1332.24 13 102 1175.41 1332.24 13 103 1175.41 1332.24 13 104 1175.41 1332.24 13 105 1175.41 1332.24 13 106 1175.41 1332.24 13 107 1175.41 1332.24 13 108 1175.41 1332.24 13 109 1175.41 1332.24 13 110 1175.41 1332.24 13 111 1175.41 1332.24 13 112 1175.41 1332.24 13 113 1175.41 1332.24 13 114 1175.41 1332.24 13 115 1175.41 1332.24 13 116 1175.41 1332.24 13 117 1175.41 1332.24 13 118 1175.41 1332.24 13 119 1175.41 1332.24 1

History and Current Status



Currently, 600 objects referenced in ADB



Conclusions & Perspectives

- A Detector Database exists !

should be @ the source !

Filled by campaigns ... not the best way ... faster, better !

Active network to be reenforced ... everyone is concerned !

DataBase Contact Person to help / video conferences - tasks approach

- Could be a great tool for the community ... the AMB ...

history, traceability, ... ex: what was the AGATA conf 03/2013 ?

- It could / should grow:

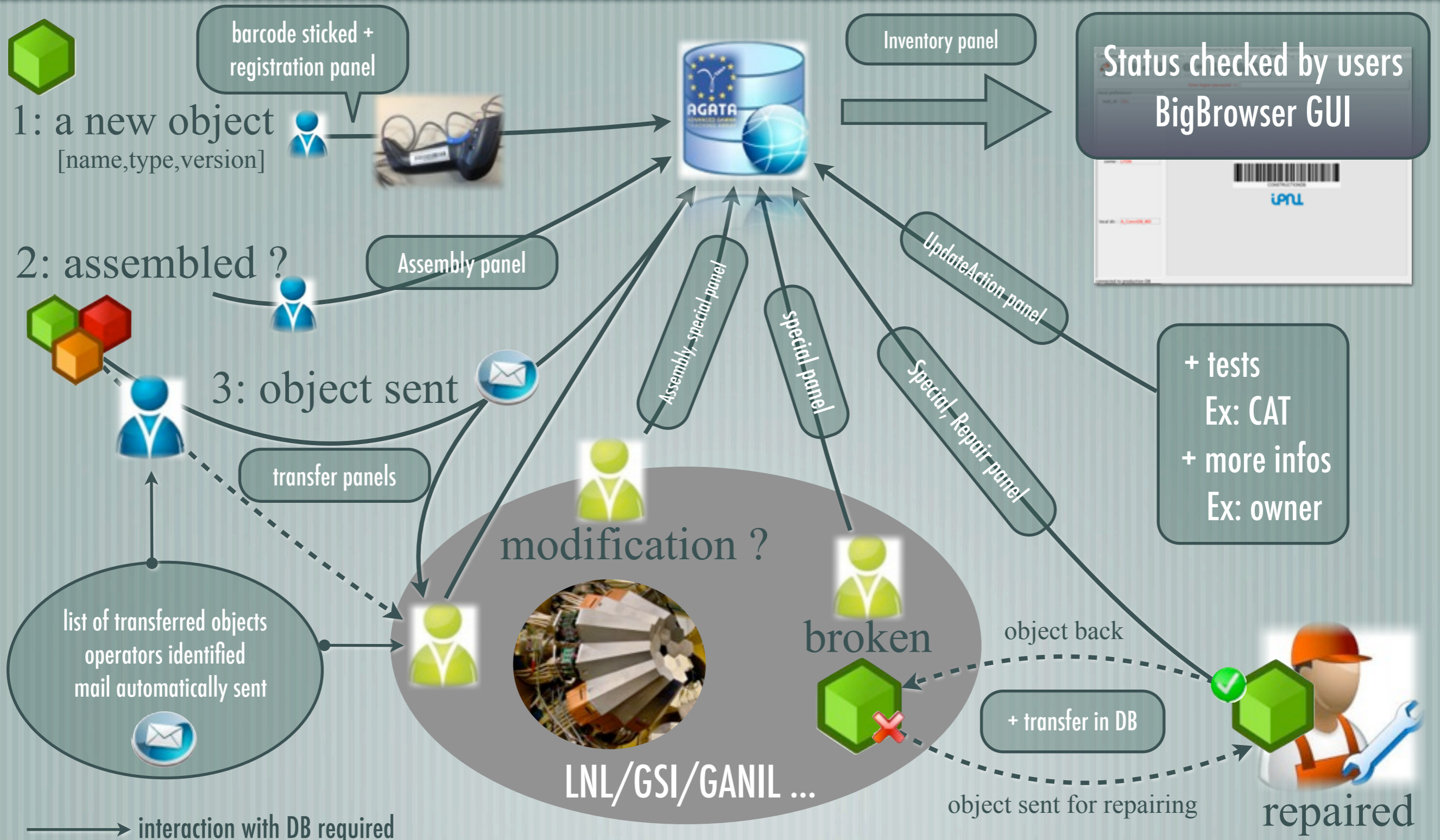
more objects (new ones, cables, connections ...)

more informations (ownership of digitizers, CAT, etc ...)

connection with DAQ ?

- Work is done to improve the Graphical User Interface

When / Who / How to use the DataBase



Some recent updates in ADB

Welcome to the AGATA DataBase Navigator

Connection Production Status Quality Control WorkStations Tables Windows Plug-ins Help

Quit Open Save Print Get Update Undo Scan Query Add BM Del BM See BM SQL

Tables Description Grabber Grabber Inventory

Object: CAPSULE Type: * Version: * Object's place: * or enter a barcode :

5 actions(s) Delete Last Selection Add A Selection

Action: OWNERBASE Act. Vers.: 1 Output: tcomment Status: reference

Action: OWNERBASE Act. Vers.: 1 Output: hyperlink Status: reference

OBJECT_ID	REFERENCE	OWNER	TCOMMENT	HYPERLINK
DET_CAP_BLU_C001	C001_73899	PADOVA	Accepted	http://www.ikp.uni-koeln.de/~bartb/AGATA_Manuals/Accepted/report_C001_SN73899.pdf
DET_CAP_BLU_C002	C002_73951	FRANCE	leakage current reported at LNL in segment E6 (AGATA NOTATION?!); leakage current in C6; sent back to Canb...	<empty>
DET_CAP_BLU_C003	C003_74013	LIVERPOOL	Accepted; Only reencapsulation by Canberra, first detector with possible solution against segment microphony. (...)	http://www.ikp.uni-koeln.de/~bartb/AGATA_Manuals/Accepted/report_C003_SN74013.pdf
DET_CAP_BLU_C004	C004_74036	ANKARA	leakage current in B4; sent back to Canberra on 16/11/2012	<empty>
DET_CAP_BLU_C005	C005_74033	SWEDEN	Accepted	http://www.ikp.uni-koeln.de/~bartb/AGATA_Manuals/Accepted/report_C005_SN74033.pdf
DET_CAP_BLU_C006	C006_74115	PADOVA	<empty>	http://www.ikp.uni-koeln.de/~bartb/AGATA_Manuals/Accepted/report_C006_SN74115_01_1
DET_CAP_BLU_C007	C007_74165	GERMANY	Accepted; Detector reported to be accepted at IKP	<empty>
DET_CAP_BLU_C008	C008_74211	UK LIVERPOOL	CAT finished at Liverpool	http://www.ikp.uni-koeln.de/~bartb/AGATA_Manuals/Accepted/report_C008_SN74211.pdf
DET_CAP_BLU_C009	C009_74220	FRANCE SACLAY	Accepted; Final accepted at IKP (June 2012)	http://www.ikp.uni-koeln.de/~bartb/AGATA_Manuals/Accepted/report_C009_SN74220.pdf
DET_CAP_BLU_C010	C010_74222	CANBERRA	Accepted	http://www.ikp.uni-koeln.de/~bartb/AGATA_Manuals/Accepted/report_C010_SN74222_01_0
DET_CAP_GRE_B001	B001_74034	PADOVA	Accepted; Returned from Canberra where the indium kit was removed	http://www.ikp.uni-koeln.de/~bartb/AGATA_Manuals/Accepted/report_B001_SN74034_03_1
DET_CAP_GRE_B002	B002_73979	FRANCE	Accepted	<empty>
DET_CAP_GRE_B003	B003_74026	LIVERPOOL	Accepted; OK for gluing (was in specs before gluing) - no official report sent to Canberra (was paid)	http://www.ikp.uni-koeln.de/~bartb/AGATA_Manuals/Accepted/report_B003_SN74026.pdf
DET_CAP_GRE_B004	B004_74010	ANKARA	Accepted; CAT IKP: accepted, but: crystal size reduced due to rework, and crystal not depleted at 5000V	http://www.ikp.uni-koeln.de/~bartb/AGATA_Manuals/Accepted/report_B004_SN74010.pdf
DET_CAP_GRE_B005	B005_74065	SWEDEN	Accepted	http://www.ikp.uni-koeln.de/~bartb/AGATA_Manuals/Accepted/report_B005_SN74065.pdf
DET_CAP_GRE_B006	B006_74076	PADOVA	Returned from canberra on 11/01/2013 to liverpool.	<empty>
DET_CAP_GRE_B007	B007_74208	GERMANY	Accepted; delivered 29/11/2012; CAT reported as finished at IKP	http://www.ikp.uni-koeln.de/~bartb/AGATA_Manuals/Rejected/report_B007_SN74208.pdf
DET_CAP_GRE_B008	B008_74212	GERMANY IKP	Accepted; CAT@IKP	http://www.ikp.uni-koeln.de/~bartb/AGATA_Manuals/Accepted/report_B008_SN74212.pdf
DET_CAP_GRE_B009	B009_74207	LIVERPOOL	CAT Liverpool OK - encapsulation shows damage after fall of detector; leakage current observed after annealing...	<empty>
DET_CAP_GRE_B010	B010_74202	ITALY INFN	Accepted; CAT@IKP	http://www.ikp.uni-koeln.de/~bartb/AGATA_Manuals/Accepted/report_B010_SN74202.pdf
DET_CAP_GRE_B011	B011_74203	ITALY INFN	Accepted; B011: CAT finished. Core and 1 seg slightly out of specs. B011: report corrected - all segs within spec	http://www.ikp.uni-koeln.de/~bartb/AGATA_Manuals/Accepted/report_B011_SN74203.pdf
DET_CAP_GRE_B012	B012_74217	FRANCE IPHC	Accepted; CAT@Saclay; B012 brought from CEA to IKP after CAT	http://www.ikp.uni-koeln.de/~bartb/AGATA_Manuals/Accepted/report_B012_SN74217.pdf
DET_CAP_GRE_B013	B013_74265	FRANCE SACLAY	delivered 04/02/2013 from Canberra to Saclay for CAT	<empty>
DET_CAP_RED_A001	A001_SN73952	FRANCE	Accepted; FRANCE=DSM (Saclay), IN2P3 and GANIL	http://www.ikp.uni-koeln.de/~bartb/AGATA_Manuals/Accepted/report_A001_SN73952.pdf
DET_CAP_RED_A002	A002_SN74030	ITALY	Accepted; remark: ownership here was exchanged, to have a symmetric crystal funded completely by Germany....	http://www.ikp.uni-koeln.de/~bartb/AGATA_Manuals/Accepted/report_A002_SN74030.pdf
DET_CAP_RED_A003	A003_74009	LIVERPOOL	Accepted (2 segments out of specifications) most likely candidate for annealing test	http://www.ikp.uni-koeln.de/~bartb/AGATA_Manuals/Accepted/report_A003_SN74009.pdf
DET_CAP_RED_A004	A004_74095	ANKARA	Accepted	http://www.ikp.uni-koeln.de/~bartb/AGATA_Manuals/Accepted/report_A004_SN74095_08_0
DET_CAP_RED_A005	A005_73949	SWEDEN	IKP reports increased leakage current after further annealing, detector draws severe currents above 500V. Sent...	<empty>
DET_CAP_RED_A006	A006_74096	PADOVA	Accepted	http://www.ikp.uni-koeln.de/~bartb/AGATA_Manuals/Accepted/report_A006_SN74096.pdf
DET_CAP_RED_A007	A007_74216	ITALY INFN	Accepted: CAT finished at Liverpool	http://www.ikp.uni-koeln.de/~bartb/AGATA_Manuals/Accepted/report_A007_SN74216.pdf
DET_CAP_RED_A008	A008_74108	GERMANY	Accepted; remark A007, rejected detector seems to be revived in A008; CAT Liverpool ok	http://www.ikp.uni-koeln.de/~bartb/AGATA_Manuals/Accepted/report_A008_SN74108.pdf
DET_CAP_RED_A009	A009_74209	LIVERPOOL	Delivered to Liverpool for CAT (12/09/12). Accepted at Liverpool, sent to IKP	<empty>

detector status

Some recent developments

- We are trying to improve the DB interface (BigBrowser):
 - + on click, photos of typical objects
 - + faulty objects highlighted in red color
- Specific GUI are developed:
 - + CAT*
 - + navigation through history of assemblies

* not new, already shown @ previous AGATA Week