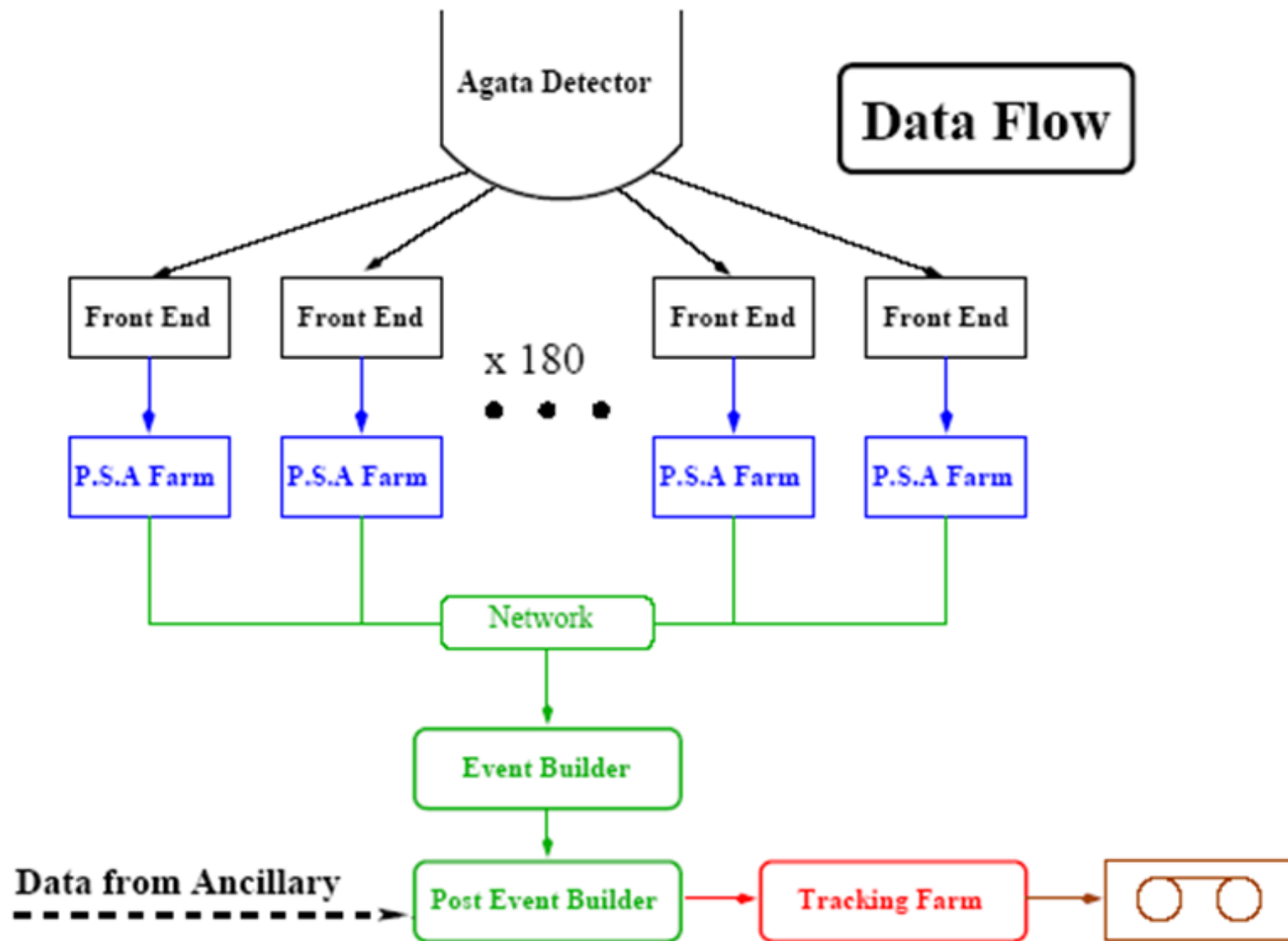
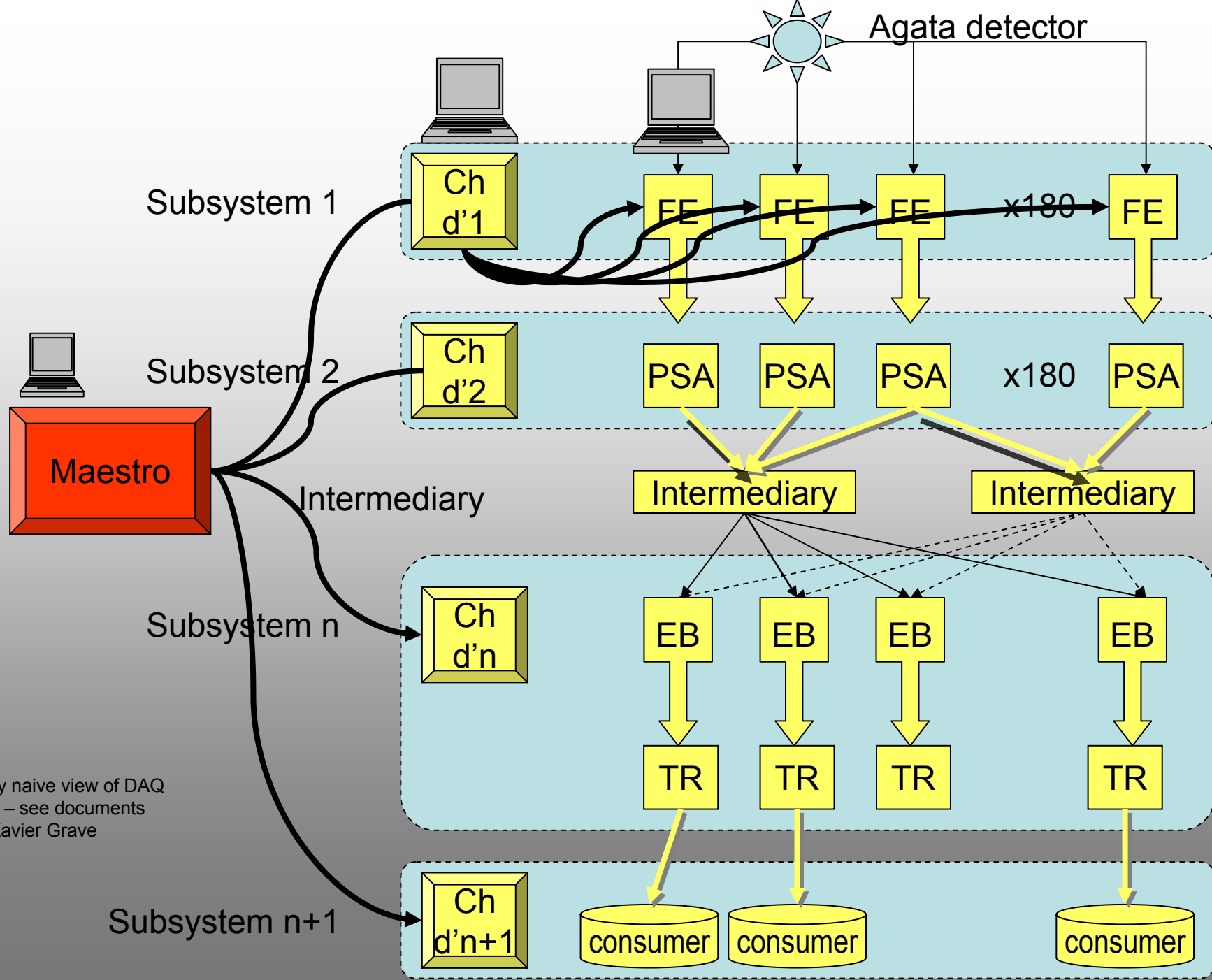


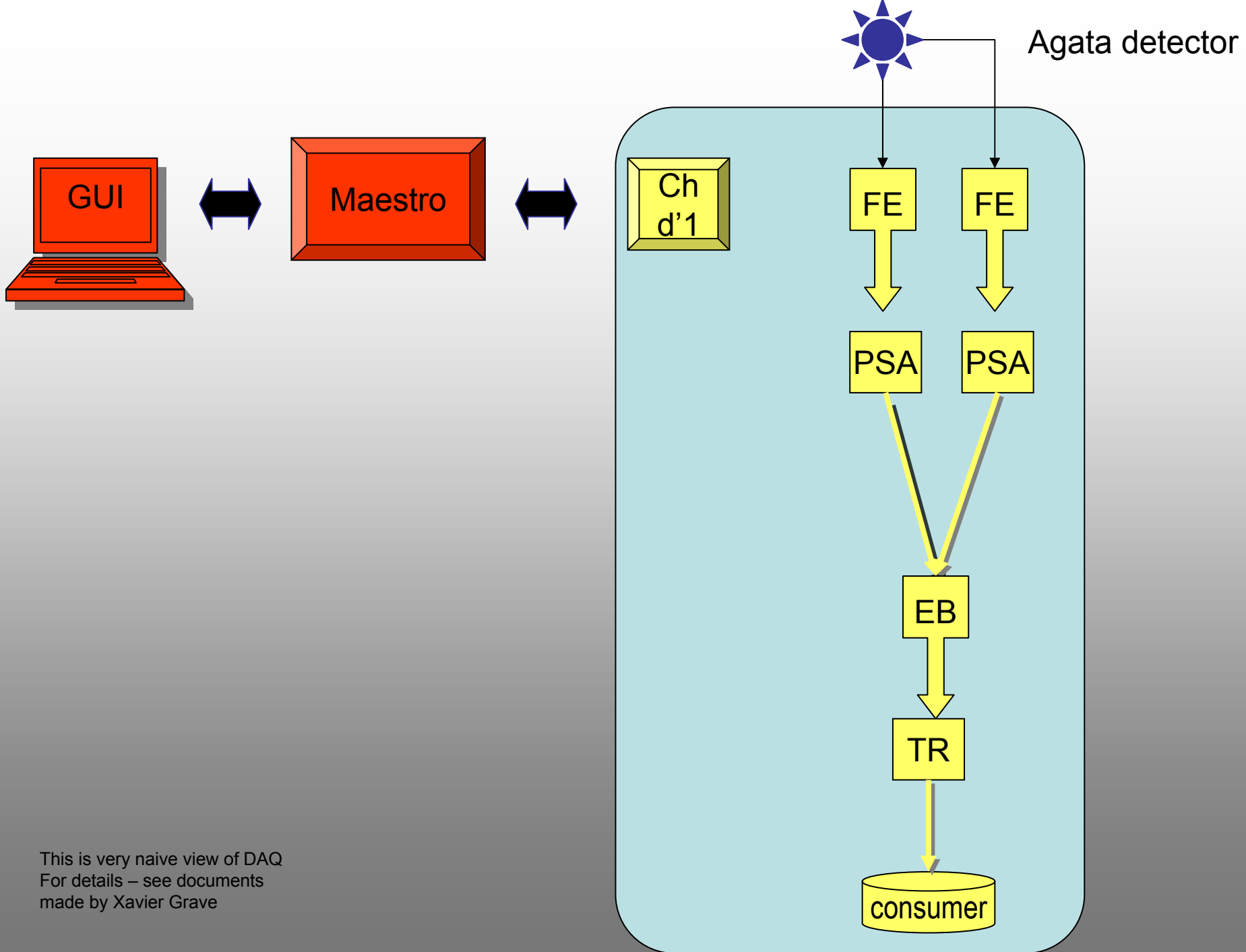
AGATA
GUI for DAQ Narval
status

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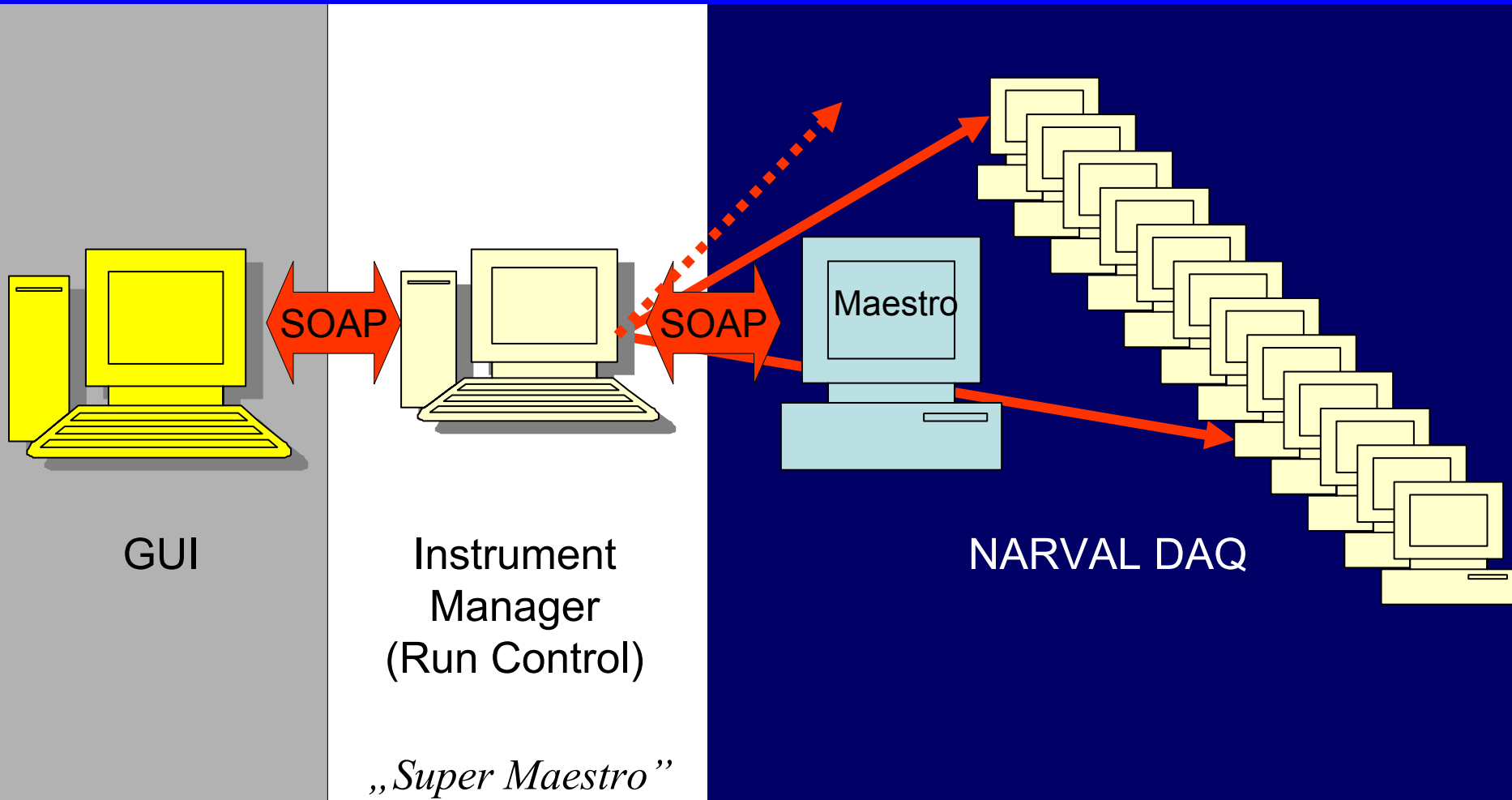
This is very naive view of DAQ
 For details – see documents
 made by Xavier Grave



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GUI and DAQ

are different programs running on different computers





Tasks of GUI of DAQ

Load (unload) the configuration of actors (may be different)
(ask DAQ Narval to „create itself”)

Start / Stop / Pause / Resume – of the measurement

Reset / Recover from an error state

Define the filename to store the data

But also:

Give the information about the system itself – to monitor its work

Monitoring data flow between actors

What Narval says about itself during its work?

```
Actor called „FEUU_0001” – Bytes in 321854392
Actor called „FEDD_0002” – Bytes in 845257992
Actor called „FEAW_0003” – Bytes in 386221944
Actor called „XXXX_0004” – Bytes in 542934567
Actor called „XXXX_0005” – Bytes in 193273488
Actor called „XXXX_0006” – Bytes in 321854392
Actor called „PSAX_0001” – Bytes in 854392443
Actor called „PSAX_0002” – Bytes in 910032452
```

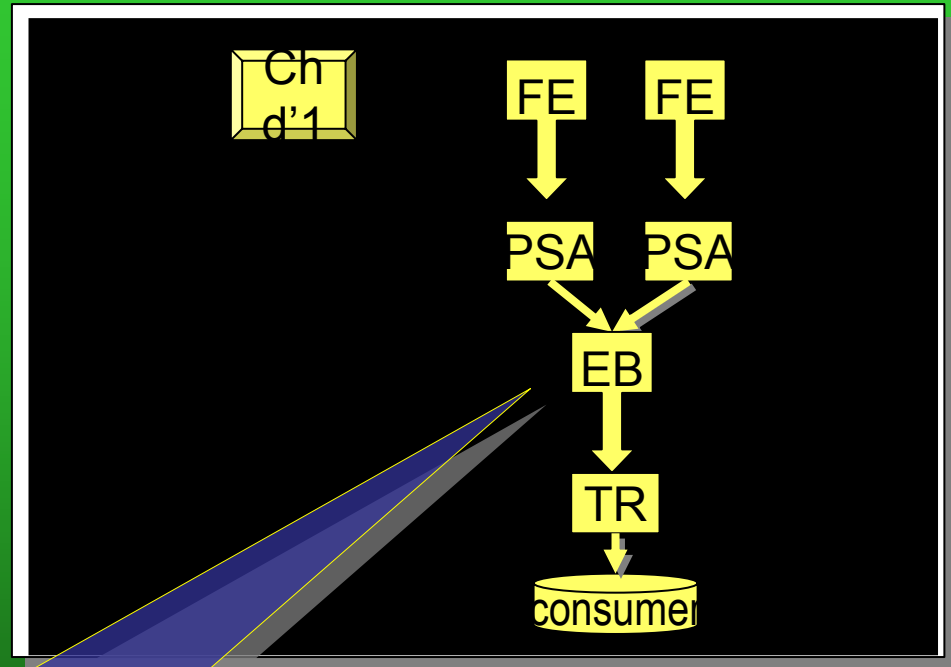
5000 items

```
.....
Actor called „EBXX_0001” – Bytes in 321854392
Actor called „EBXY_0001” – Bytes in 321854392
Actor called „XXXX_0001” – Bytes in 321854392
Actor called „XXXX_0001” – Bytes in 321854392
```

Hard to notice a malfunction of a part of the system

Obvious solution

A scheme



*How to obtain it?
(as this is a collaboration network
of many processors.
It can be defined any day – new)*

like a family party

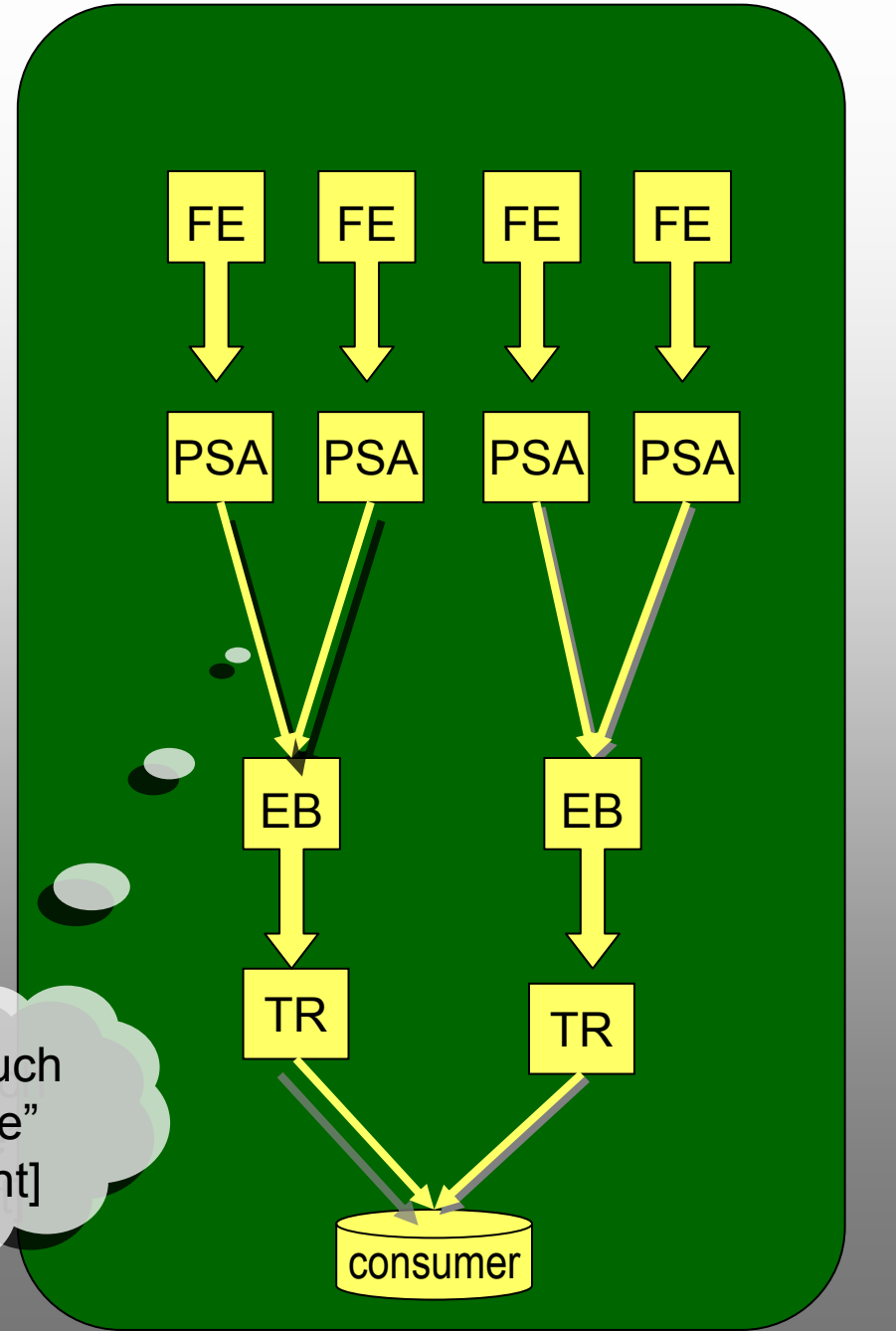
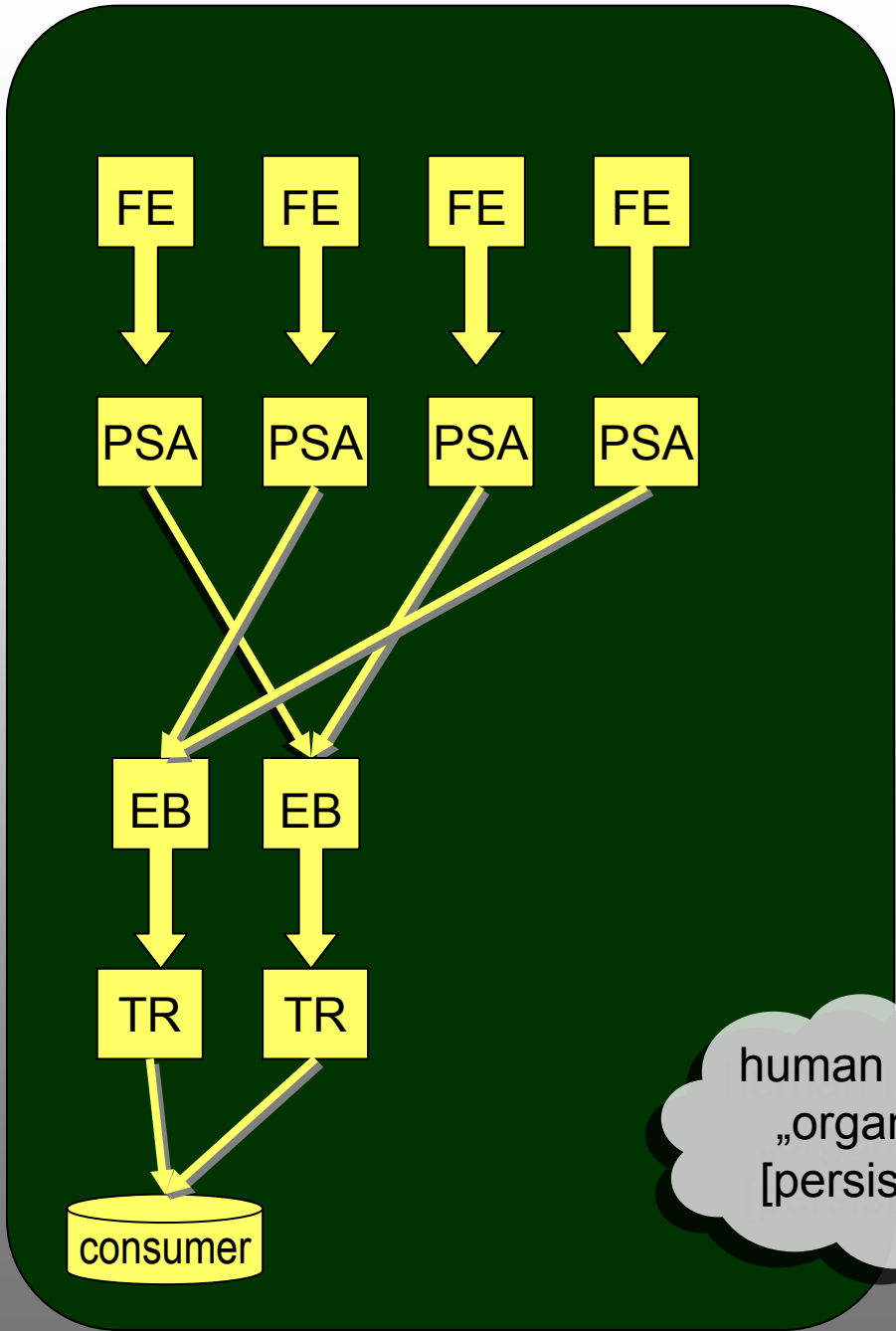
Each actor says...

- his name
- his subsystem nr
- his rank nr
- his client name
- his server name

Using this information GUI may try to generate (and draw) a scheme (however it may look not elegant)

- bytes_in
- bytes_out
- debit (ratio)

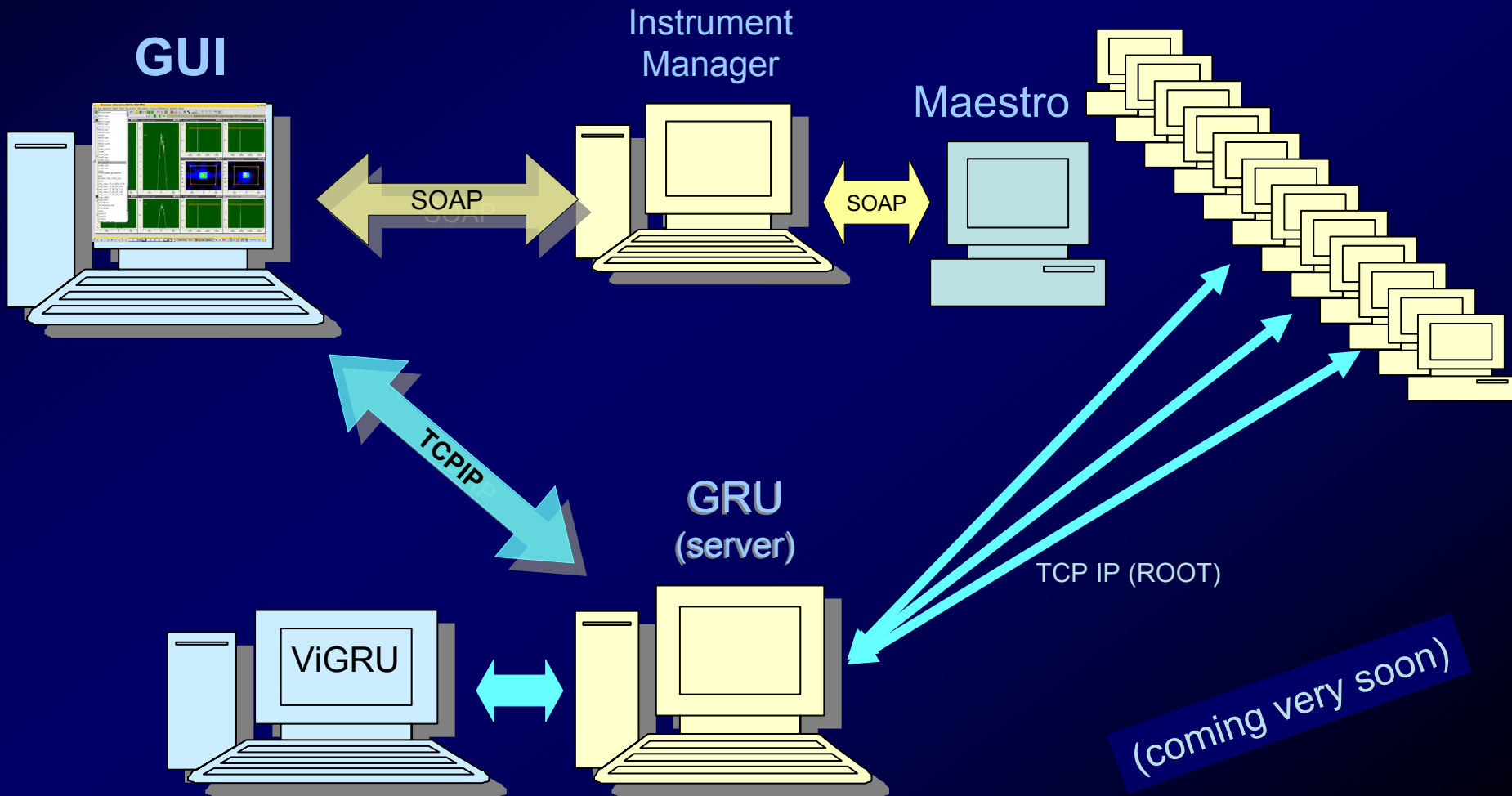
Using this, we can make the scheme „alive”



human touch
„organise”
[persistent]

Monitoring spectra

(coming very soon)



Ppx mīā tff
ipx juxpsltç