

# Grandma DataBase and BA activities

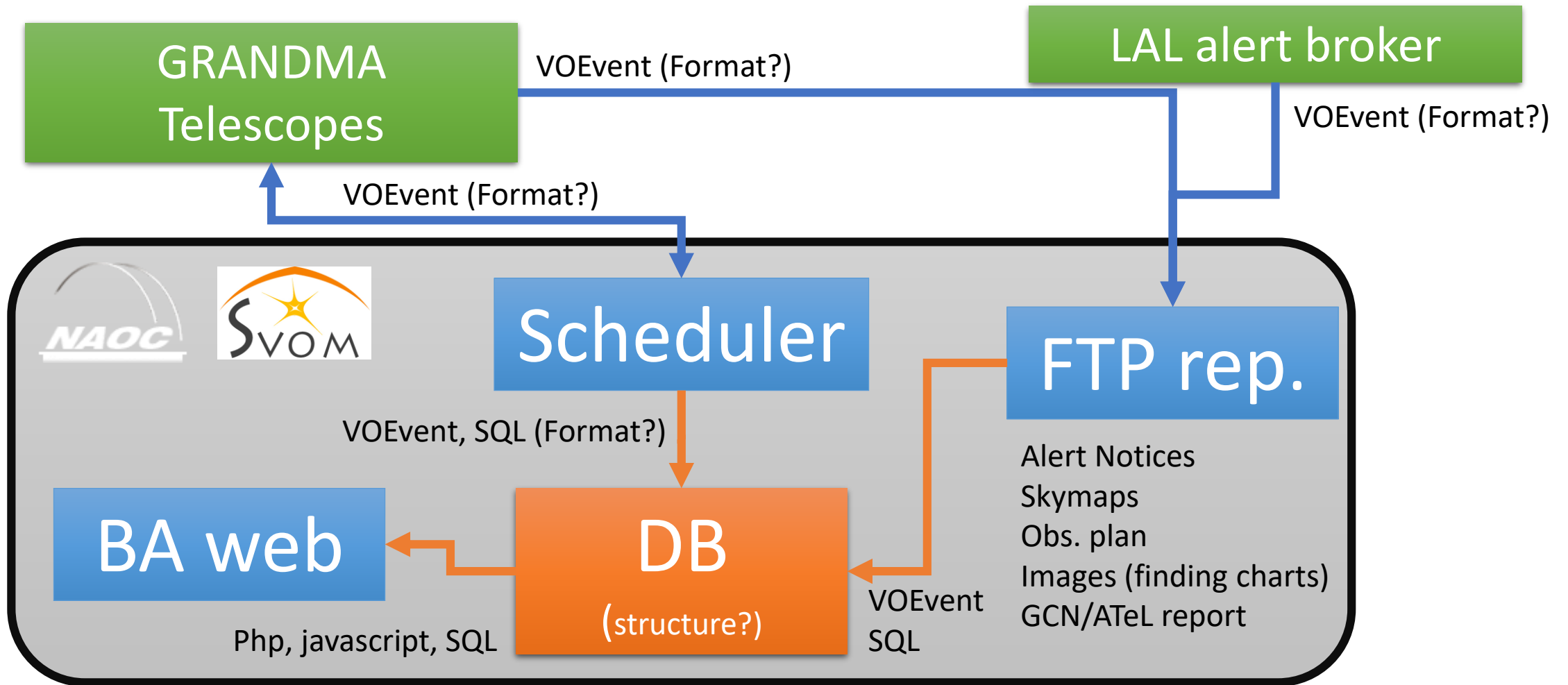
Damien TURPIN

# GRANDMA DB

- Developed at NAOC under the supervision of SVOM GWAC team
- Part of development of the SVOM follow-up system -> we will follow as close as possible the requirements of the SVOM mission (structure & interfaces)
- Access to the DB on the GRANDMA server :
  - ✓ IP: 159.226.170.161 : ssh -Y -p 9004 [grandma@grandma.svom.cn](mailto:grandma@grandma.svom.cn)
  - ✓ MySQL DB (maybe we will move to postgresQL) (user: root, pass: ' ')

**We need to fix the protocol to send/receive data on the GRANDMA DB/server**

# GRANDMA server



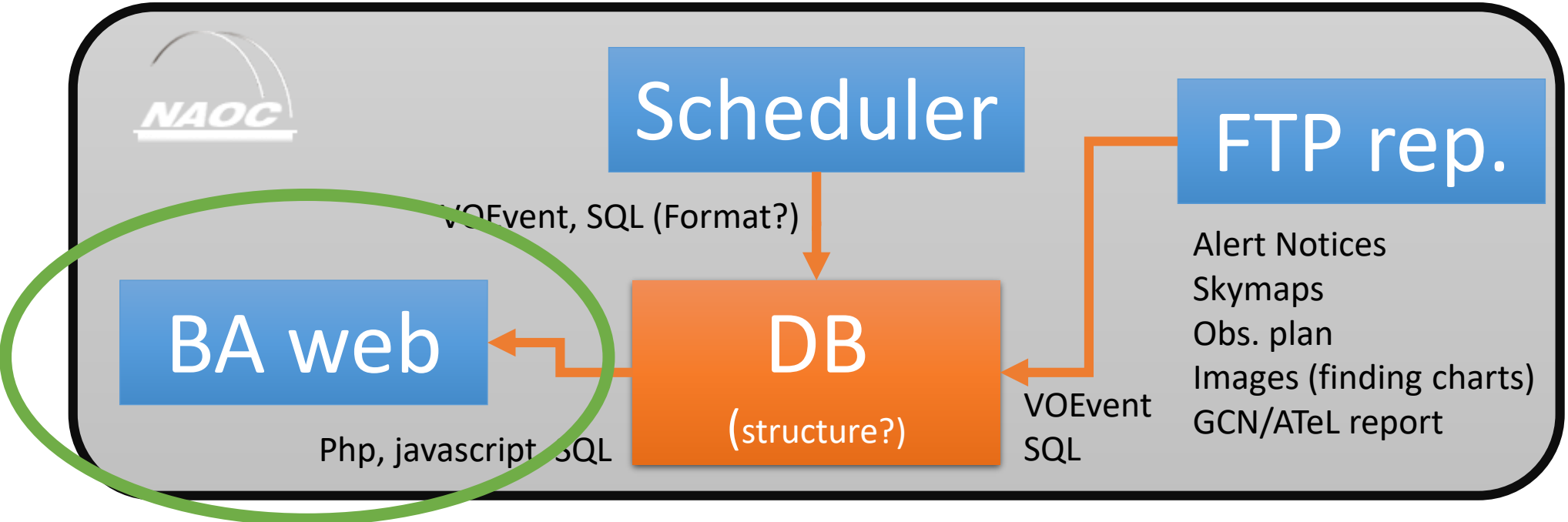




**The DB is already implemented  
but**

**We need to refine it ;)**

# BA activities



# BA activities

## Current status

A web interface has been developed for  
**GWAC**

(fully operational in the server at NAOC  
[grandma.svom.cn/BA\\_web\\_interface](http://grandma.svom.cn/BA_web_interface))



# BA activities

## Current status

A web interface has been developed for GWAC (fully operational in the server at NAOC [grandma.svom.cn/BA\\_web\\_interface](http://grandma.svom.cn/BA_web_interface))

Access :

Web registration + GWAC admin confirmation

# BA activities




Welcome in the GWAC Burst Advocate tool page



## Sign in

\* required fields

 **UserName\*:**

 **Password\*:**

[Change password](#)

[Forgot Password?](#)

The BA tool page will allow you to monitor the MM follow-up observations made by the GWAC. Through this web interface the Burst advocate will also have the possibility to send requests to the Observer Assistant (OA) at Xinglong if interesting OT need additional observation with the (30cm and the 60cm).

If you are a GWAC/BA for the first time, please consult the BA procedure pages before !

Sign up [HERE](#) to have access to the BA management tools.

If you have any problem feel free to contact:

Damien TURPIN : dturpin@nao.cas.cn or Xuhui HAN : hxh@nao.cas.cn or Liping XIN xlp@nao.cas.cn

# BA activities

## GWAC BA tools

- Documentations (SVOM requirements)
- Web architecture
- During the week I can make a tutorial for you.

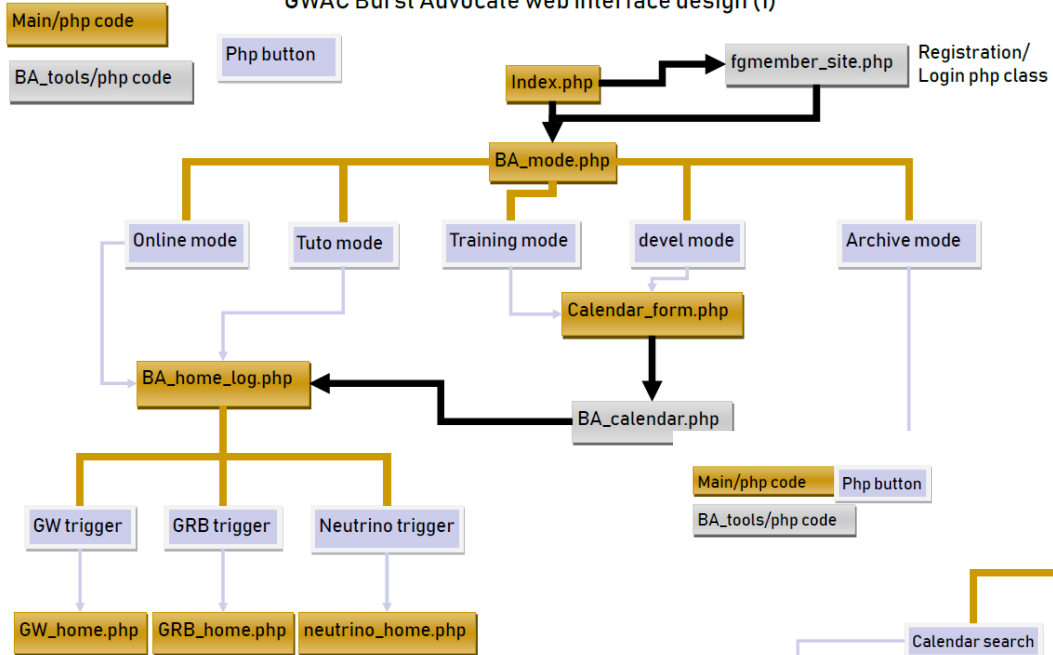


## For GRANDMA

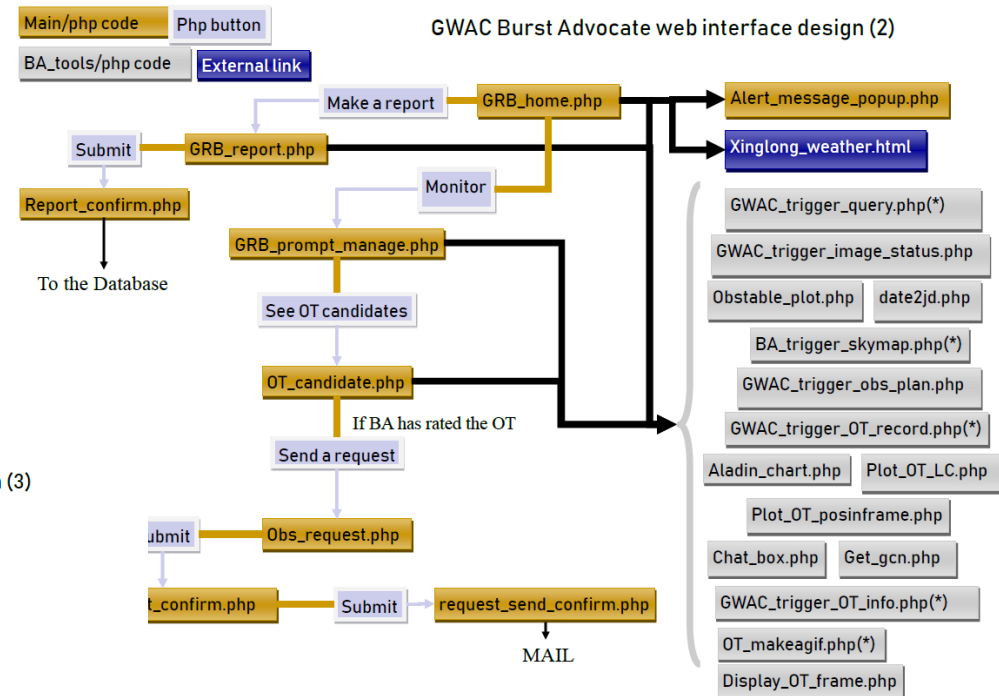
- Keep the same architecture than the one thought for SVOM/GWAC
- Adapt the current tools to a larger network

# BA web architecture

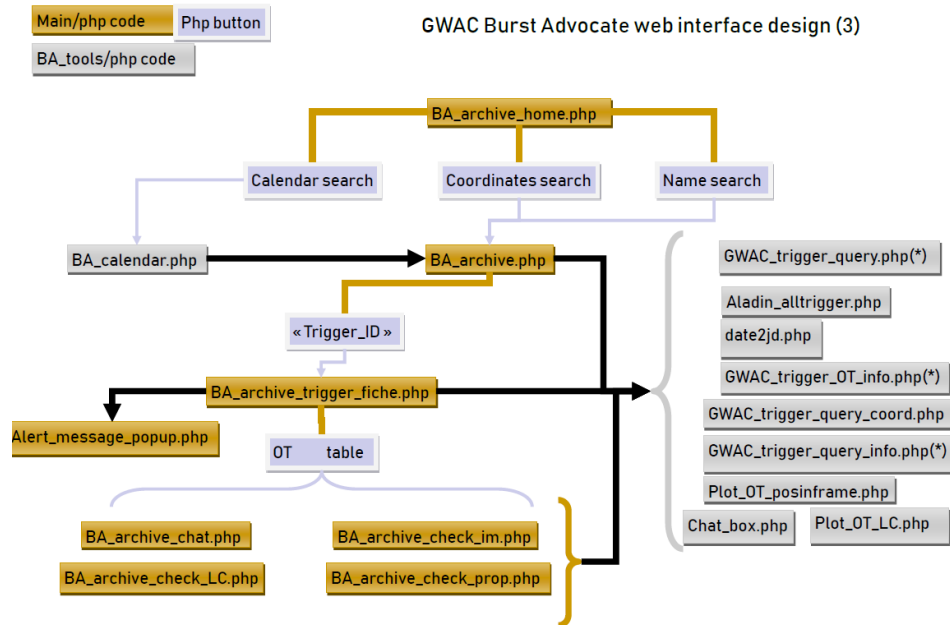
GWAC Burst Advocate web interface design (1)



GWAC Burst Advocate web interface design (2)



GWAC Burst Advocate web interface design (3)



# Job during this meeting

- Fix the DB structure so that the web interface will follow
- Think about how (and what) do we want to display the info ?
- How can we improve the current system (web technology) :

SVOM group from LAM (Christian Surace team) will come on Thursday to make a first technological feedback from the GWAC BA tools. We may have more and more interactions with SVOM LAM group to develop a robust prototype for (during) O3.

- Define the GRANDMA BA shifter list and the shift organization
- Make a simulation of the BA tools one night this week