









02/07/2014

Private Blast

Using Galaxy

By Emma Prudent Presented by Gildas Le Corguillé

v 1.00















02/07/2014

Private Data

Using Galaxy

By Emma Prudent Presented by Gildas Le Corguillé

v 1.00



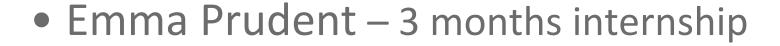




WHO?



- Erwan Corre
- Gildas Le Corguillé





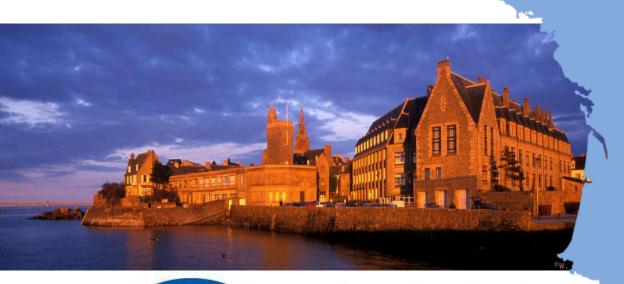
- Christophe Caron
- Erwan Corre
- Gildas Le Corguillé



• Emma Prudent – 3 months internship



Who?





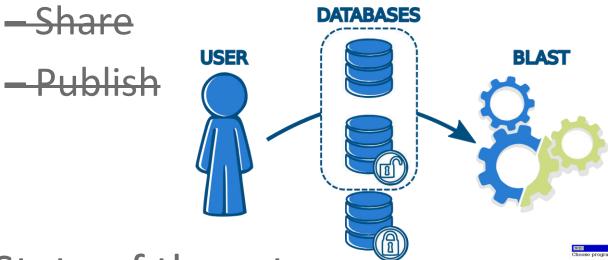
CNRS UPMC

Station Biologique Roscoff



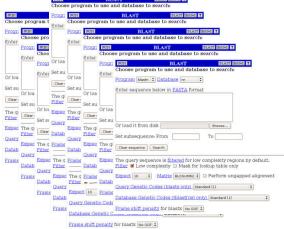
WHY?

- Teams
 - Need to blast on there own data



State of the art

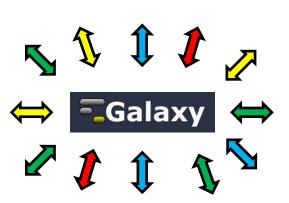
n wwwblast instances





WHAT?

- Restricted access to resources
- Multi-bank querying

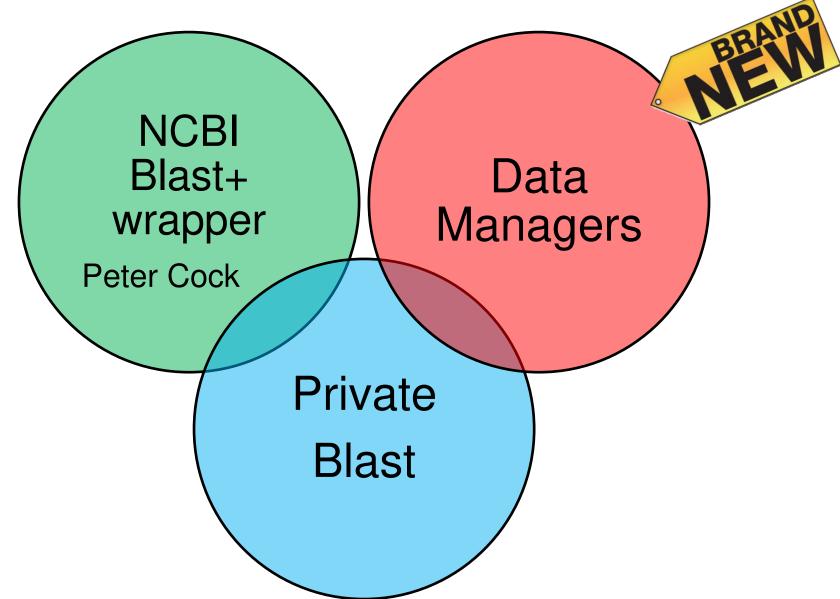


- Different output formats
- blastdbcmd to retrieve hits sequences
- Enhanced blast graphical outputs

Decrease the maintenance time → automate



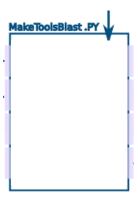
What?



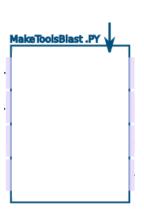


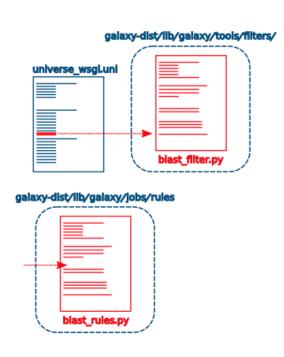
HOW?





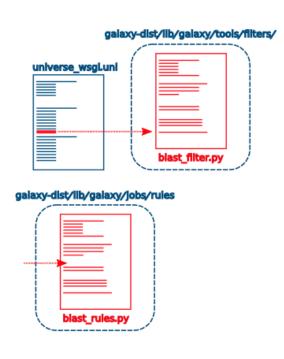




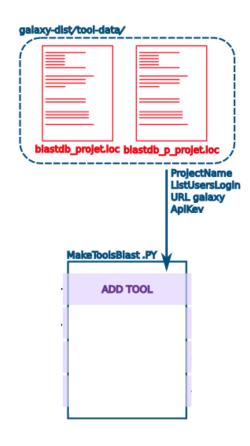


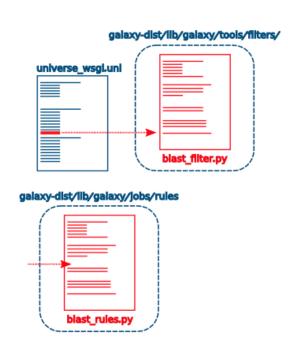




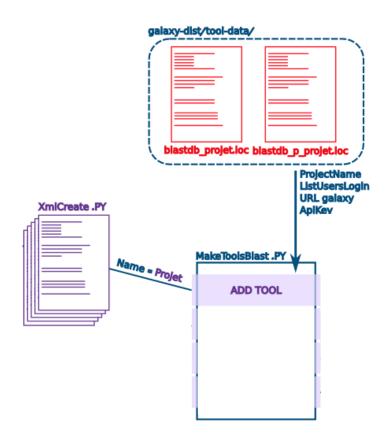


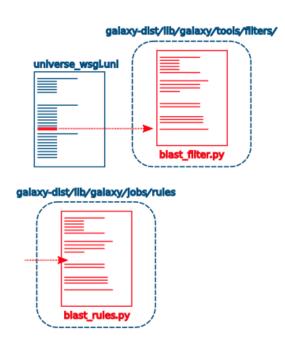




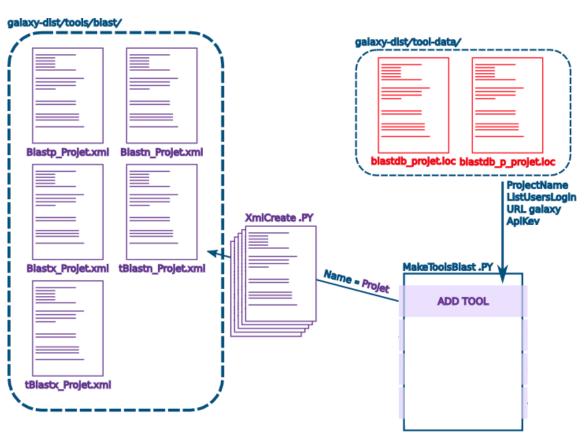


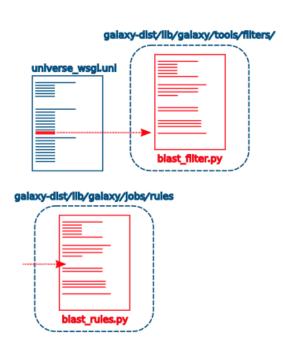




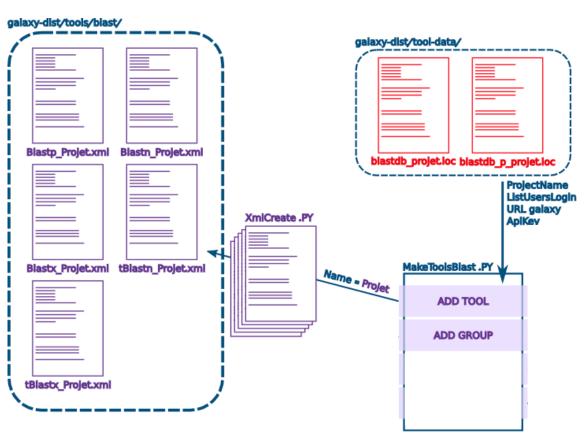


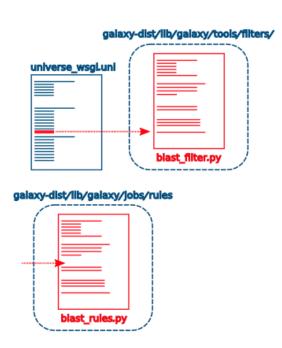




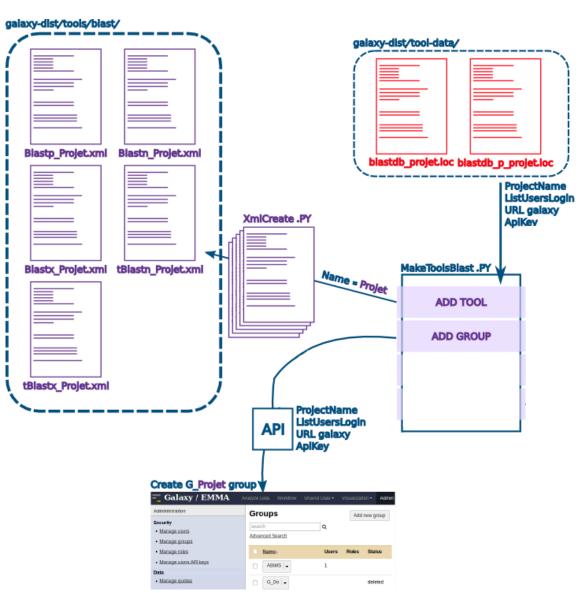


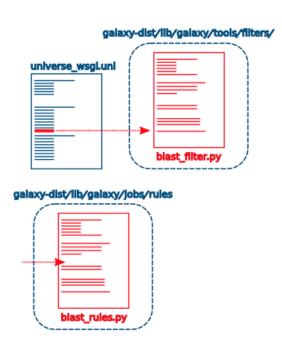




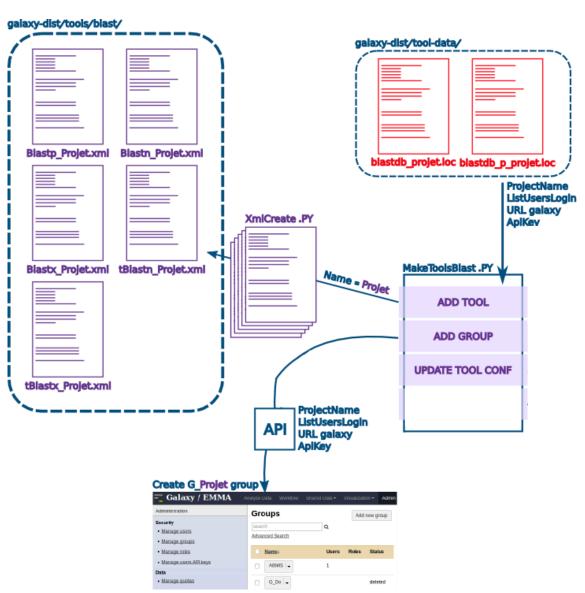


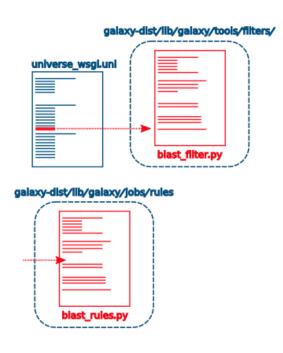




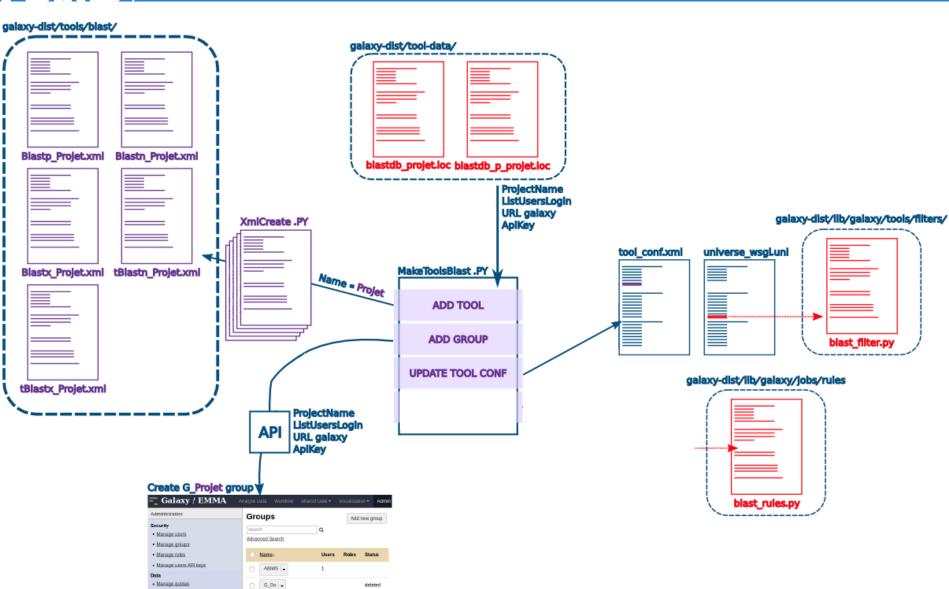




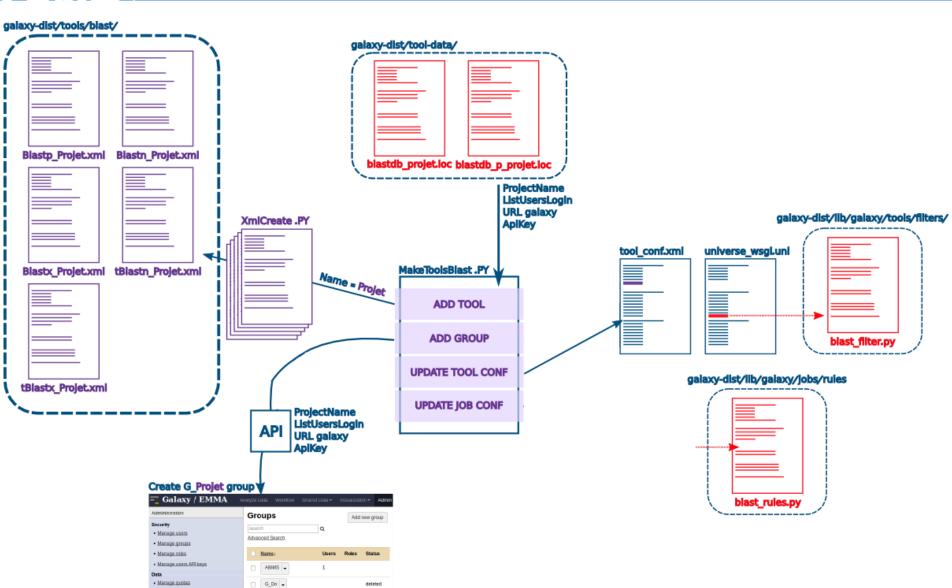




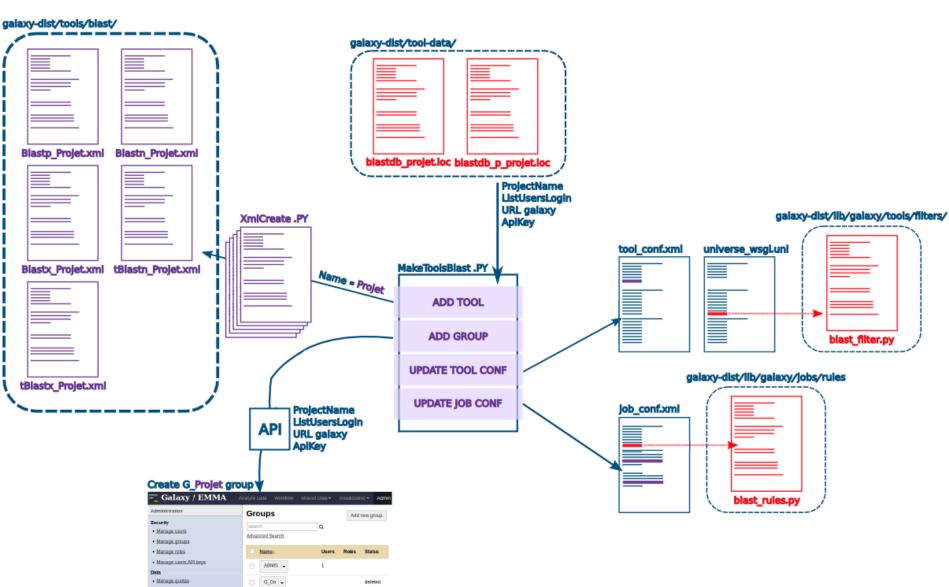




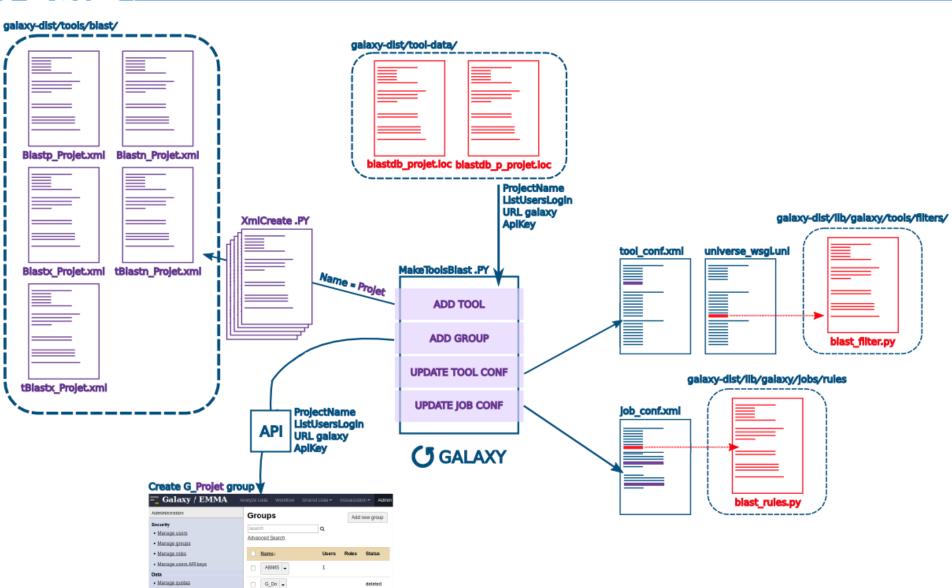








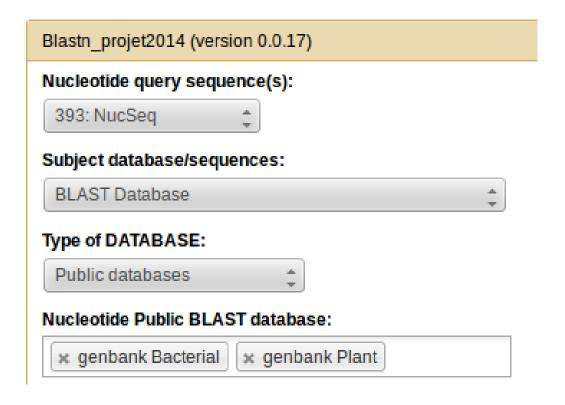






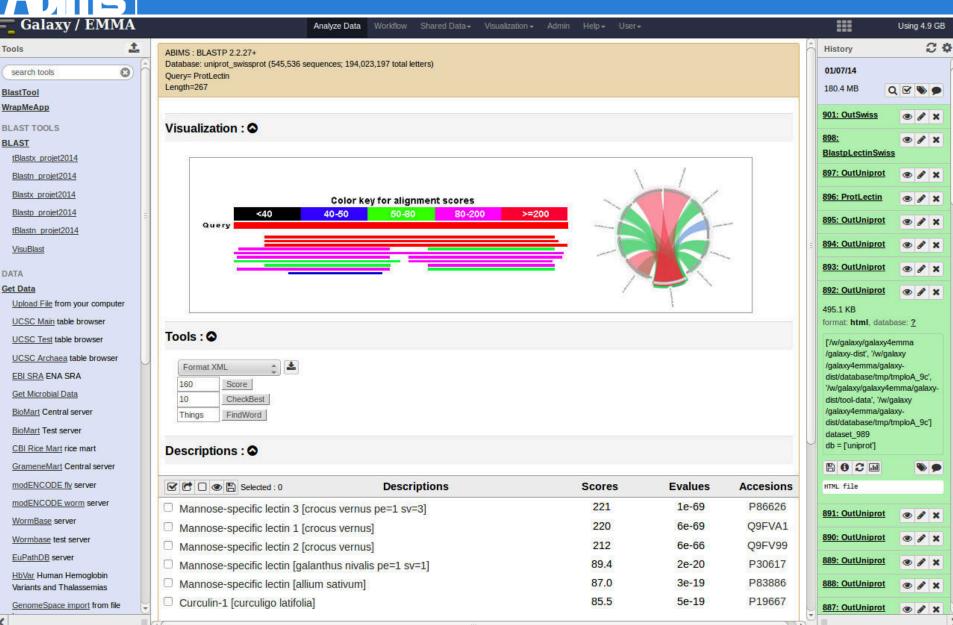
Multi-bank querying – How?

```
<inputs>
     <param labelBLAST database" multiple="true" name="database" type="select">
</inputs>
```





Outputs – How?





SO!

- Restricted access to resources
- Multi-bank querying



- Different output form
 blastdbcn
- Enhanced Coutputs

Decrease the maintenance time → automate



