

Gaia Sky

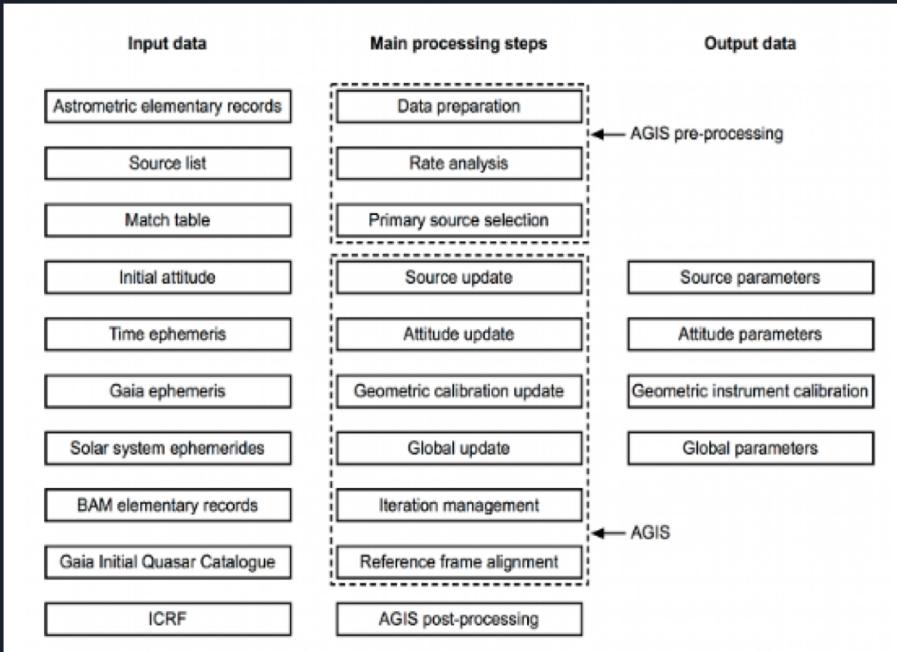
Real-time, 3D, astronomy visualisation software

The team



Gaia Visualization and pulsars

Introduction.



processing data step DR1

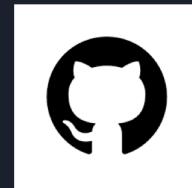


circleci passing License MPL 2.0

gaiasky open source software

Tools used

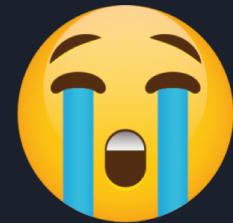
- Trello
- Github
- Discord
- PyCharm
- XCode
- Eclipse
- IntelliJ IDEA



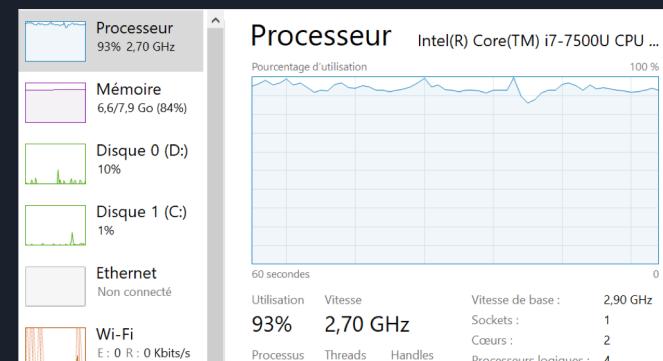
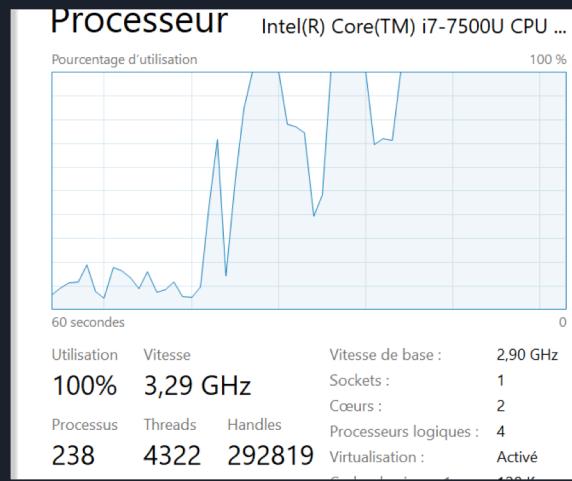
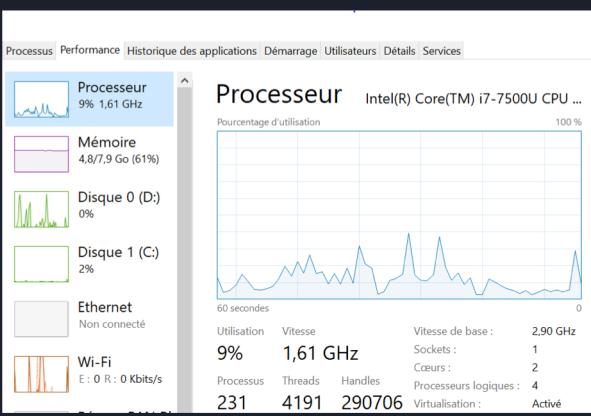
eclipse



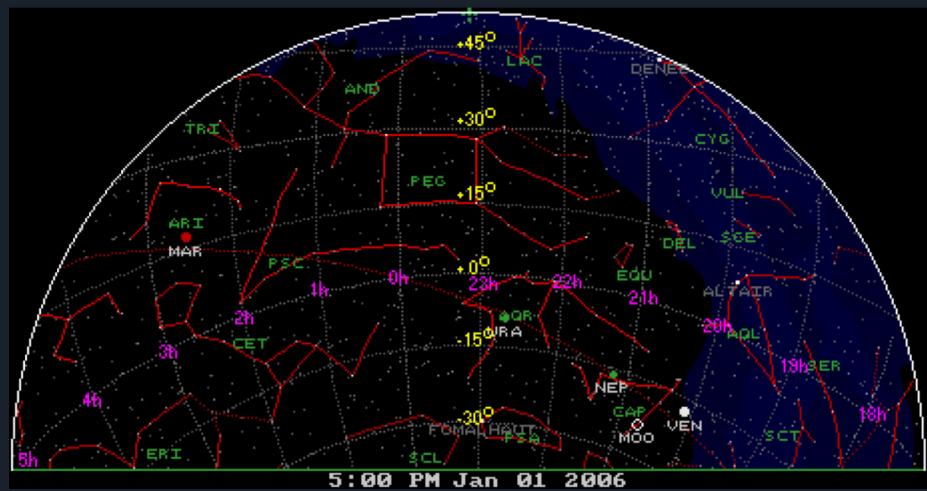
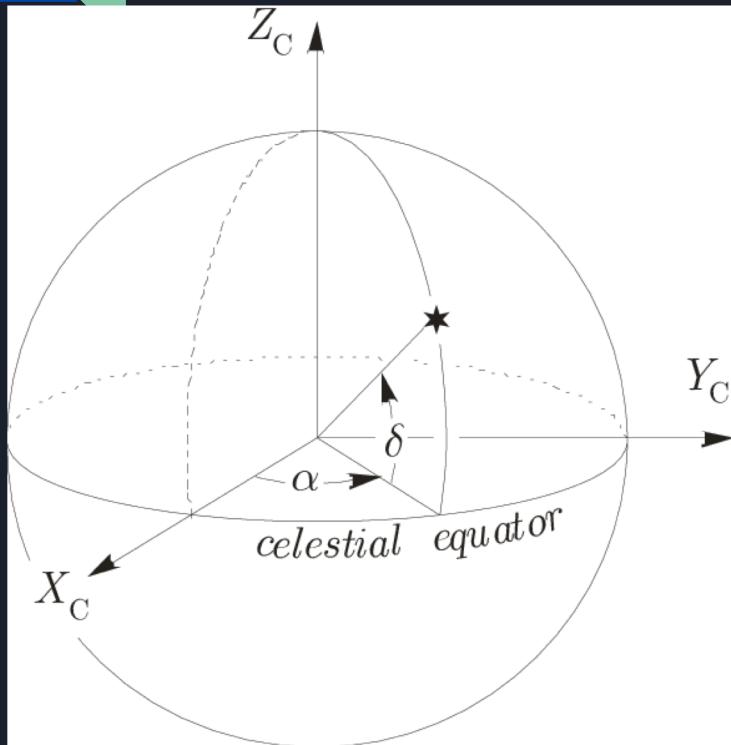
Issues we encountered



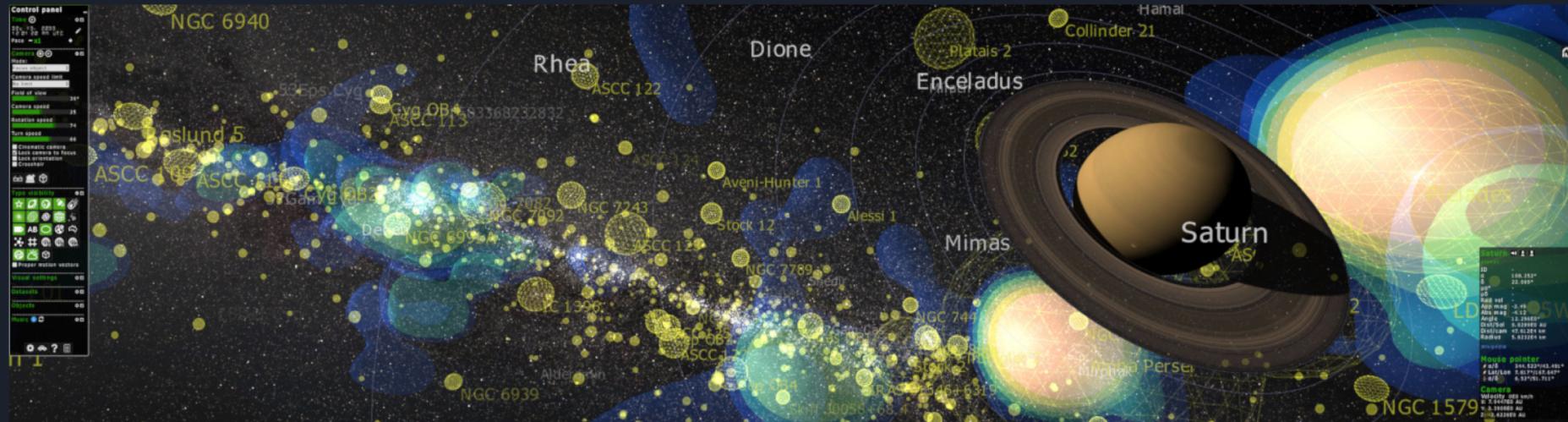
- Installation not easy on Linux: several problems (version of Java, mysterious problem...)
- The software needs a lot of computing power → many crashes (Win, MacOS, Linux)
- Running script (api connection, Java JVM, ...)



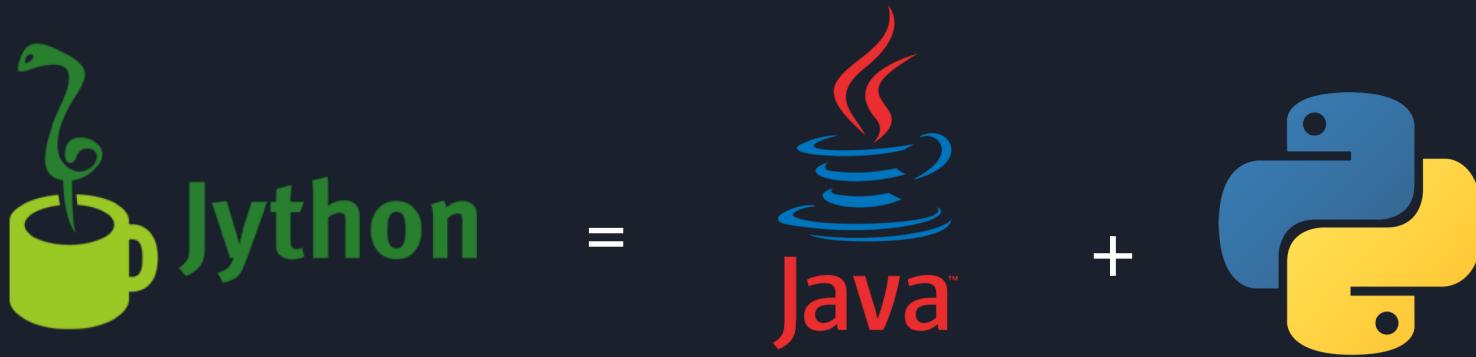
Coordinate Systems explained



Showing you Gaia Sky!



Scripting + a small demo



```
from py4j.java_gateway import JavaGateway, GatewayParameters  
  
gateway = JavaGateway(gateway_parameters=GatewayParameters(auto_convert=True))  
gs = gateway.entry_point  
  
[...]  
  
gateway.close()
```

What to do next

