

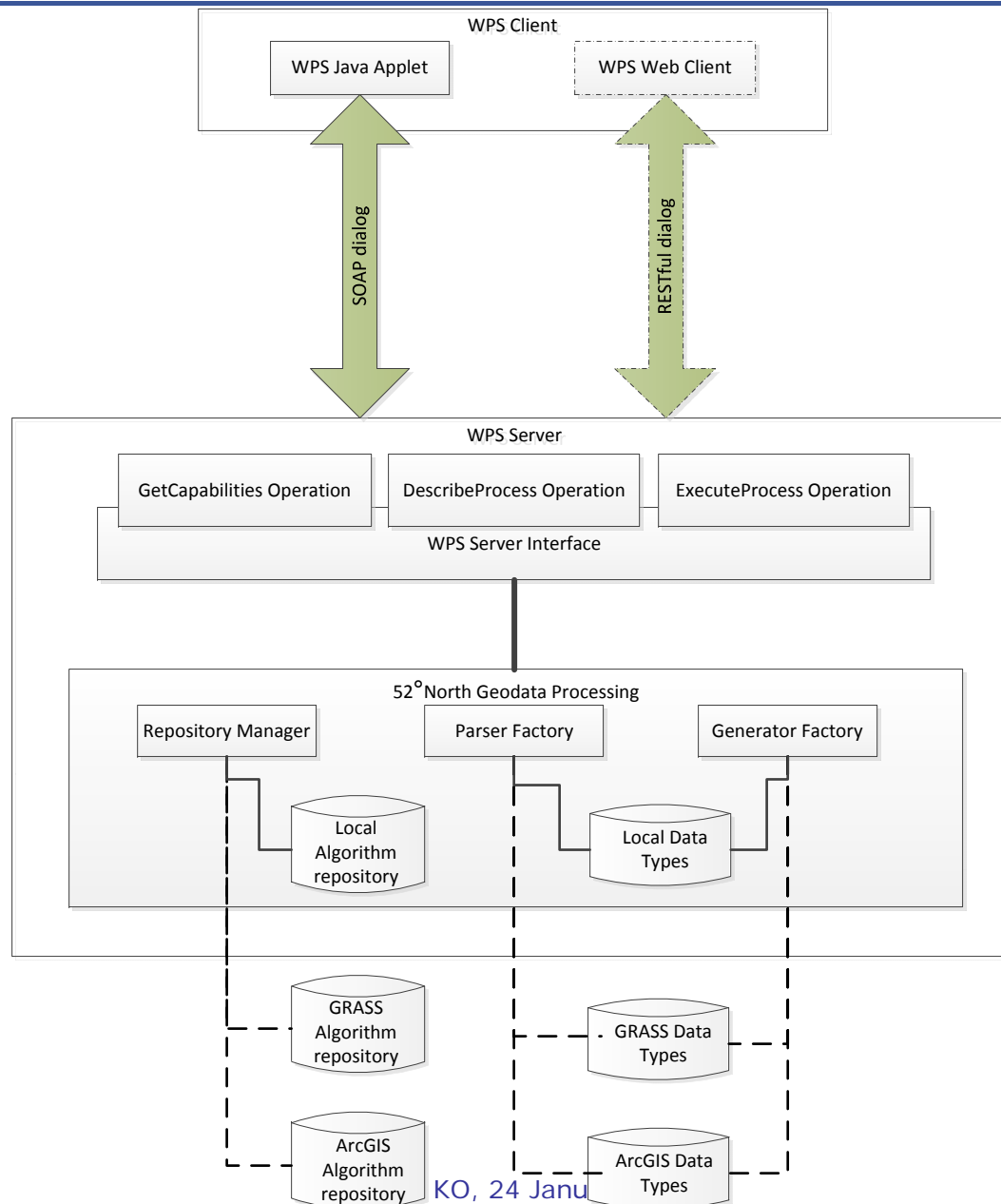
# ***HMA for Science Kickoff Meeting Web Processing Service Demonstrator***

KO Meeting  
24 January 2013, ESRIN Frascati

Corentin Guillo, ASTRIUM

- Re-use the work performed by **SPACEBEL** and **52°North** within the scope of the **SSEGrid** project with the Processing on-Demand WPS Extension (WPS-G)
- WPS demonstrator would be based on the **52°North Geodata processing** with a WPS implementation that would comply with Abstract Core Specification of the **WPS 2.0** and relevant Extension Package in the context of HMA

# WPS Demonstrator Architecture



- WPS Client:
  - Used to task the Geodata Processing service offered by the Server
  - Based on a Java application implemented as an applet
  
- WPS Server: Front end offering a WPS 2.0 interface
  - GetCapabilities
  - DescribeProcess
  - ExecuteProcess
  
- 52°North Geodata Processing