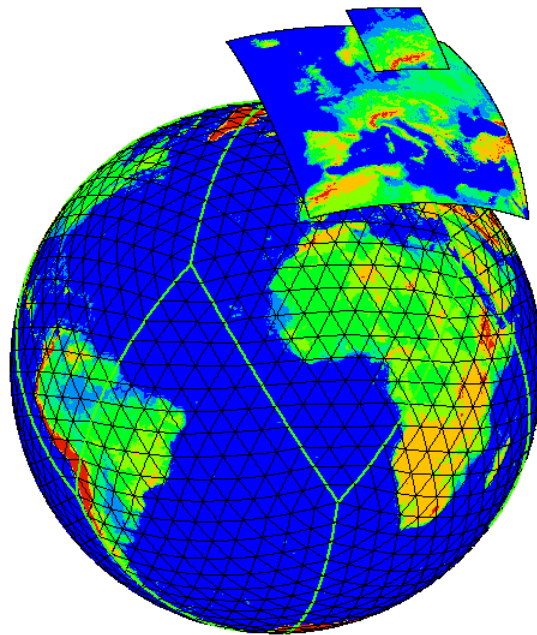


Software Requirements Specification External Parameter for Numerical Weather Prediction and Climate Application

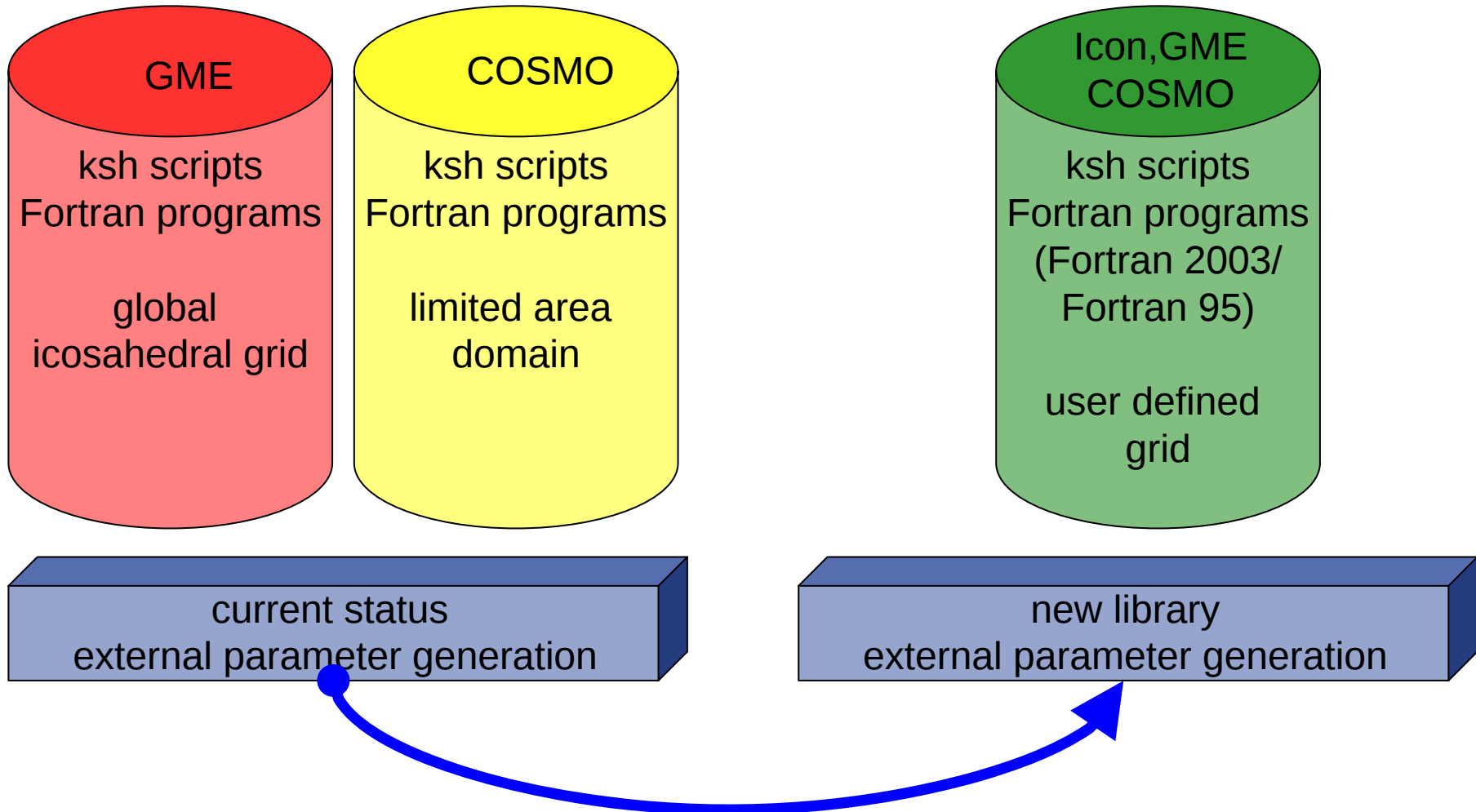


Outline

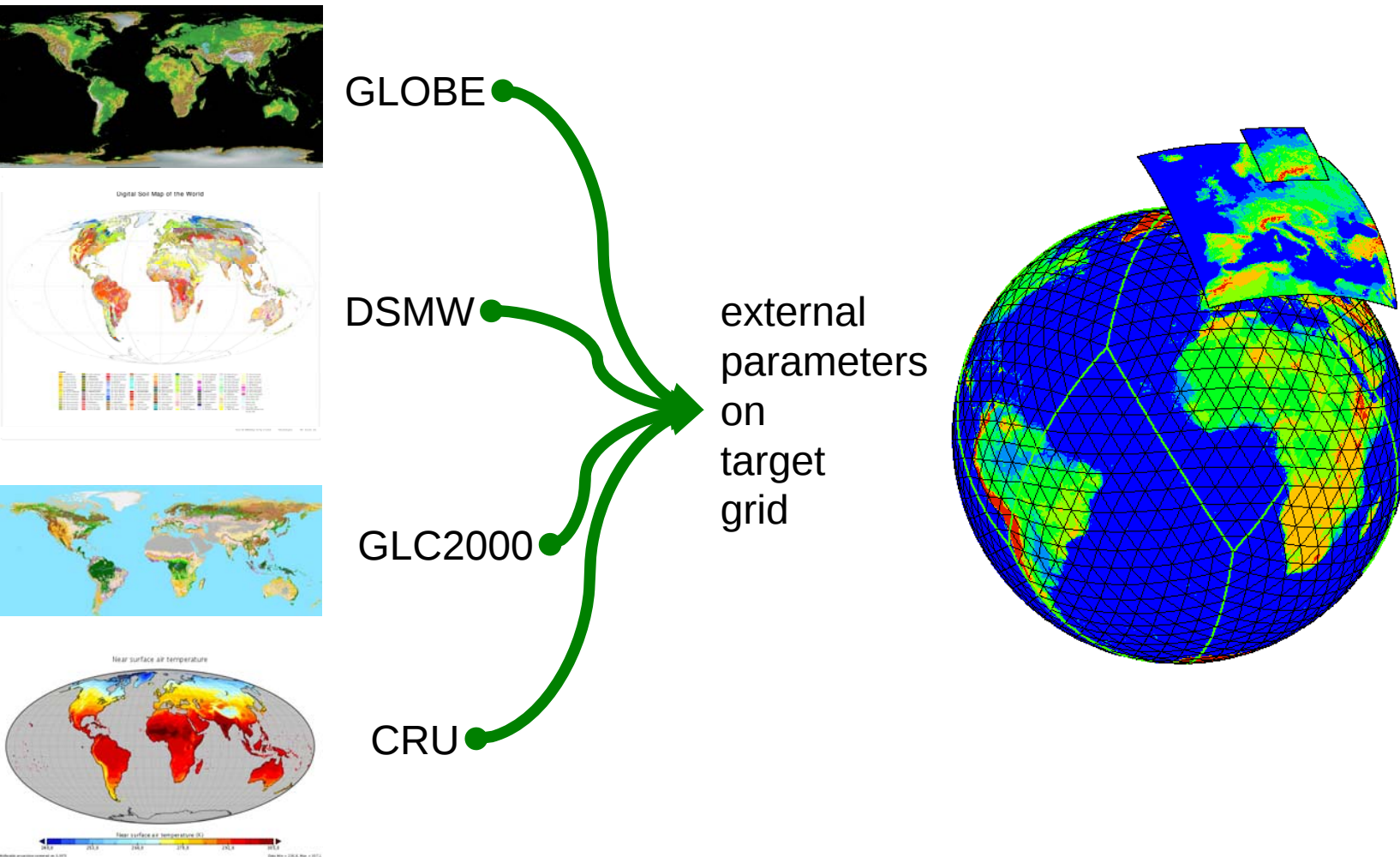
- Purpose of the Software Requirements Specification
- Overall description of the External Parameter System
- Specific Requirements

Purpose of the Software Requirements Specifications

- explanation of the purpose and features of the External Parameter system
- detailed description of the consolidated EXTPAR-System
- description of the interfaces of the system
- the document is intended for both the operators and the developers of EXTPAR

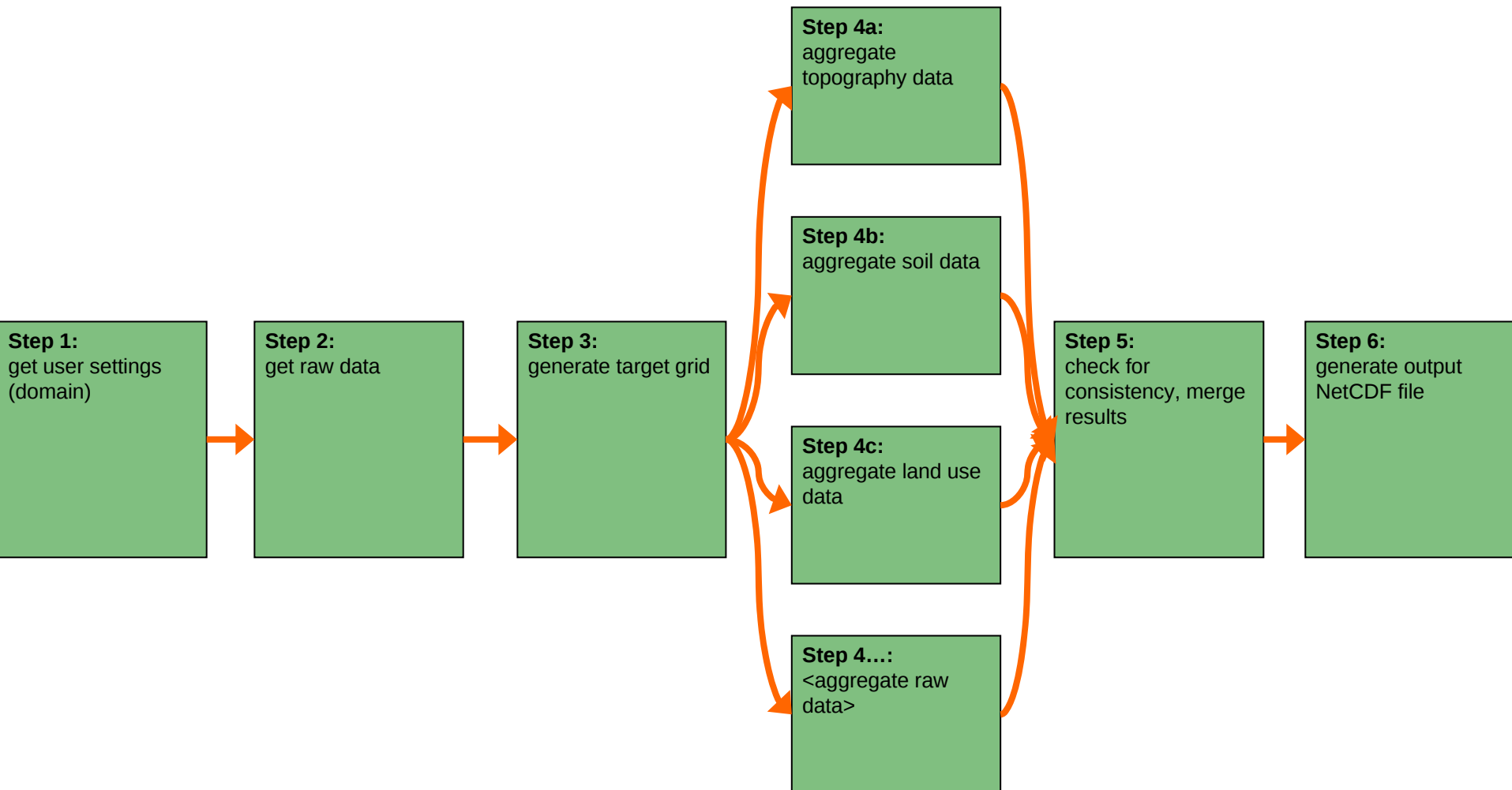


Overall description of the External Parameter System



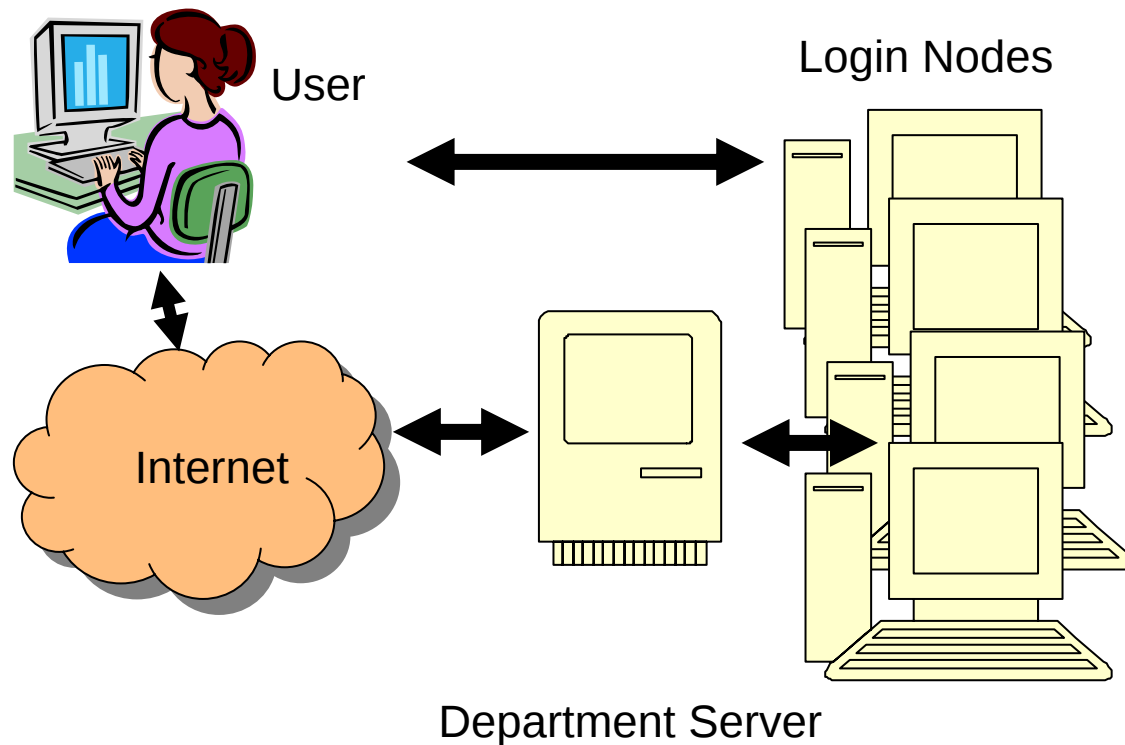
Deutscher Wetterdienst

system for generation of external parameters



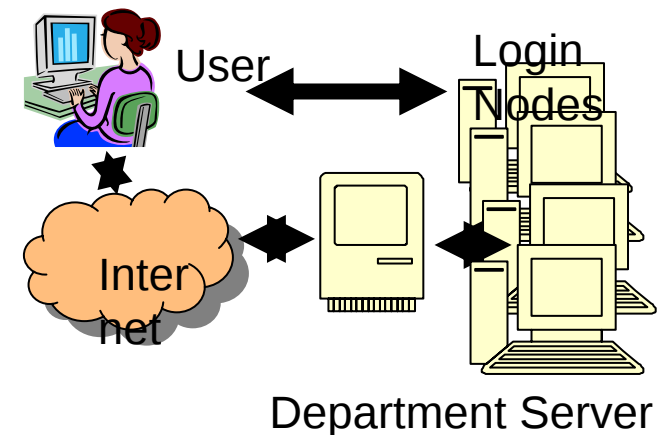
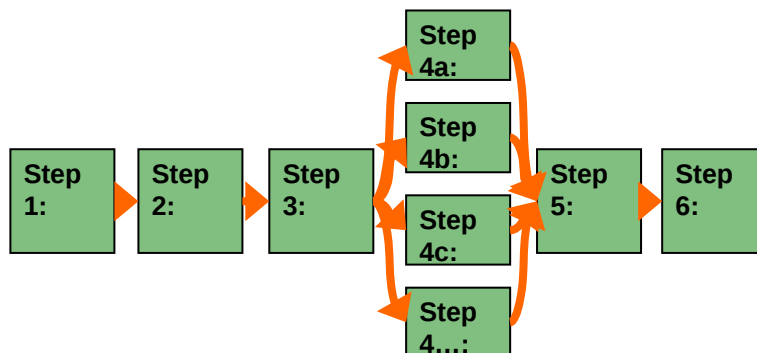
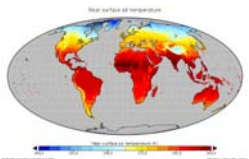
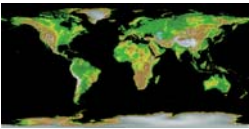
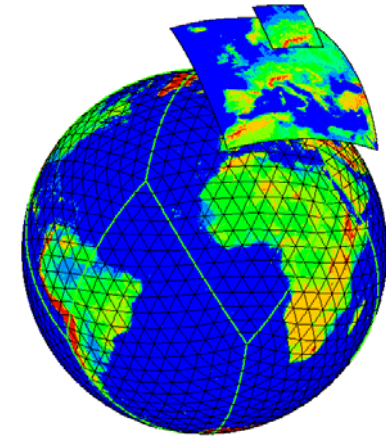
User Interfaces

- direct login
- Webinterface
- NUMEX (DWD)
- ... (?)



Discussion

- raw data sets
- required external parameters
- software design
 - Modules
 - user interface





alternative raw dataset

- Harmonized World Soil Database
- Modis data for albedo (?)
- ETOPO1 (?)

