MONITORING ESM RUNS WITH THE REF

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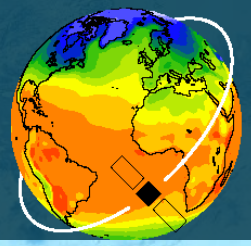


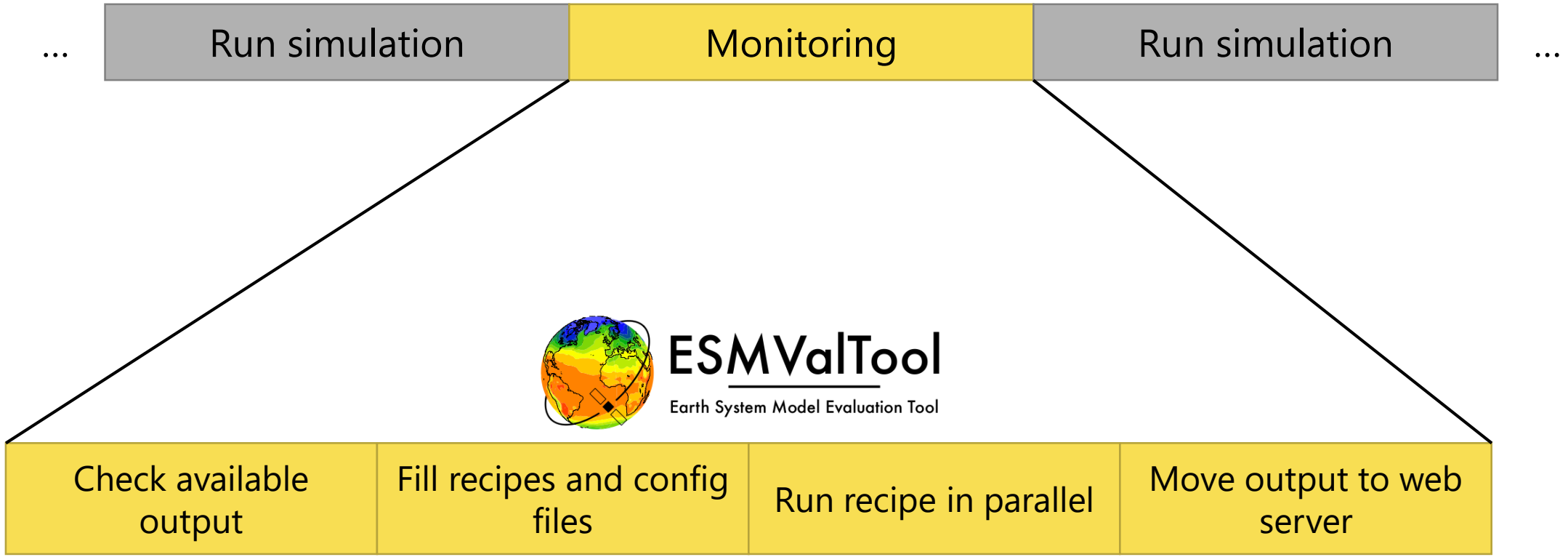
ESMValTool

Earth System Model Evaluation Tool

DLR

Monitoring running ESM simulations

Monitoring: Check model output while simulation is running to detect problems early and avoid wasting resources



“Wishlist” for REF

- Fill recipe/config files based on available output
- Run recipes in parallel with SLURM
- Possibility to only select a subset of recipes (optimally based on tags)
- Entire monitoring step can be run as SLURM job (step)
- Adding new recipes should be straightforward
- Output should be easily accessible (preferably via web browser)