



Demo time

notebook available at

https://github.com/raphaeldussin/presentations/blob/master/MOM6_Webinar_May11_2020/demo_overflows.ipynb



Concluding remarks

- Jupyter:
 - same user experience on every platform
 - easy to prototype analysis
 - deployment in production workflow with *papermill*
- Xarray:
 - easily write high level diagnostics
 - xgcm adds model staggered grid awareness
- Dask:
 - easily run performant parallel computations
 - chunking matter!!
- Zarr:
 - great compression
 - choice of chunking is also important
- Importance of community software dev:
 - no "one size fits all" monolithic package
 - contribute to existing packages