

CREATE A SUBSET NETCDF FILE

Easy solution for small subsets: `ncsubset()`

`Ranadu::ncsubset` will save a subset time range and subset of variables. Requires the program “ncks”.

More general solution: `makeNetCDF()`

- `Ranadu::getNetCDF()` creates a `data.frame` with a subset of measurements from a netCDF file, with attributes.
- If further subsetting is desired:
 - edit as desired, e.g., using commands like these:

```
DataS <- Data[setRange(Data, Start, End)
DataS <- Data[, c("Time", "Var1", "Var2", ...)]
Data$New <- NewVariable ## add a variable
```
 - Transfer/create attributes for variables (see `?getNetCDF`):

```
A <- attributes (Data$VAR)
A$dim <- NULL ## remove this attribute
attributes (DataNew$VAR) <- A
```
- use `makeNetCDF()` to write the new netCDF file