Help & Documentation[*]

Codes of this library is written by of Hydro Group members.

1 Directory descriptions

- `/data/hydro/jennylabcommon2/metdata/historical/UI_historical/VIC_Binary_CONUS_to_2016`

  The data in above directory is for observed historical data. It contains **8** variables.

  1. Time period: 1979-2016
  2. variables: {`PPT,TMAX,TMIN,WIND,SPH,SRAD,RMAX,RMIN`}

- `/data/hydro/jennylabcommon2/metdata/maca_v2_vic_binary/`

  The data in above directory is related to modeled data. It contains **4** variables.

  Variables:

  1. {`PPT`, `TMAX`, `TMIN`, `WIND`}
  2. {`mm/day`, `Celsius degree`, `Celsius degree`, `m/s`}

  Time periods:

  1. The historical data spans 1950-2005 and
  2. projections are from 2006 through 2099 for rcp45 and rcp85.

  Binary format:

  1. unsigned short int for the first var (ppt),
  2. signed short for all other variables multi: {40,100,100,100};

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[*]Name of the programmer of functions is written in the code for debugging purposes. If you see any flaw, please contact the programmer.

So, in short

$$\text{observed} \equiv 8 \text{ variables} \equiv \text{1979-2016} \equiv \text{UI\_hitorical in directory}$$

$$\text{modeled} \equiv 4 \text{ variables} \equiv \text{1950-2005} \equiv \text{a short path including MACA at the end}$$

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