31119
Monday, September 23, 2019

Course #8

1. Data types vs. data classification. Clarifying definitions we will use in class.

2. Review of structures (also called dictionaries). The syntax to create these is:

   newdict(1).fieldname1 = a number, or a string, or a vector
   newdict(1).fieldname2 = can be anything as above, and does not have to match fieldname1

   newdict(2).fieldname1 = preferably of the same datatype as fieldname1, but it is not required by matlab
   newdict(2).fieldname2 = preferably of the same datatype as fieldname2, but it is not required by matlab

3. chopping_timeseries

% This script includes usage of the following matlab commands:
exist.m
num2str.m
datestr.m
find.m

4. more_nanmean_again.m

This script does some plotting. It also shows how to specify the dimension on which you run nanmean.m

5. find_feb29.m

This script utilizes nested indices to identify the indices for Feb 29 in a datenum vector