Code Map for DroughtOps

The following are the key directories and files – they neglect the simulation code which is not being used right now:

# Overview

global.R – creates variables and dataframes needed by everything else:

Defines today’s date (as date\_today0 <- as.Date(today()) )

Defines paths

Reads classes and function definitions in

/code/classes/

/code/functions/

Load packages by running

/code/global/

load\_packages.R – use to load packages when NOT PUBLISHING to shiny.io

import\_packages.R – use when PUBLISHING to shiny.io

Import and process time series data by running

/code/global/

import\_data.R – imports the time series data

/data\_processing/ - scripts in here do some helpful data processing

ui.R – defines the user interface structure, ie colors & sidebar, and determines the design of the tabs by running:

/code/ui/

situational\_awareness\_ui.R – designs the Situational Awareness tab

one\_day\_ops\_ui.R – designs the 1-Day Ops tab

ten\_day\_ops\_ui.R – designs the 10-Day Ops tab

demands\_ui.R – designs the Demands tab

download\_data\_ui.R – ignore this for the drought exercise

simulation\_ui.R – ignore this for the drought exercise

server.R – creates the graphs and calculates the numerical values to be displayed in the various tabs by running:

/code/server/

/situational\_awareness/ - contains scripts that create graphs and value boxes

/one\_day\_ops/ - contains scripts that create graphs and value boxes

/ten\_day\_ops/ - contains scripts that create graphs and value boxes

/demands/ - contains scripts that create graphs and value boxes