

# Data Files

# R Environment

# Web Interface

## ClimeApp Server

### Data:

- Feedback Archive
- ModE-RA
- ModE-Sim
- ModE-RAclim

Pre-processed  
Data



## helpers.R

(Additional R-File)

### Server Preparation:

Loading Data, Parameters  
and Functions



## Shiny Server

(Processing and Plot  
Generation)

### Processing and plot generation:

- Accessing Data, Parameters  
and Functions from  
helpers.R
- Processing inputs from UI
- Hiding / showing UI  
Elements
- Generating Plots and Data
- Output to Web Interface

Reactive  
Interaction

## Shiny UI

(Web Elements)

### Selection process:

- Method (Anomalies,  
Composites, Correlation,  
Regression, monthly TS)
- Dataset, Variable, Time  
period, geographical Area
- Map, Time series, Data
- Optional: Customization  
(Plot, Features, Statistics)
- Optional: Reference Map
- Download

External Server  
(ModE data)



Input/Output

