

The purpose of this document is to record what was done to enable the **rlmod** PST model(s) to use the structured global variable **g** and other ‘clean up’ actions taken.

Each paragraph describes the required changes to the PST file.

Initial globals:

```
%% Original globals block condensed into g...  
global  rlmod_con n_rlmod rlmod_idx  
global  rlmod_pot rlmod_st drlmod_st  
global  rlmod_sig
```

Modified globals:

```
global g
```

rlm__indx

- Functionalized
- Removed old globals, inserted **g**
- Prepened all relevant variables with **g.rlmod.**

handleNewGlobals.m

- Addition of if statement to properly handle legacy data inputs

s__simu__Batch.m

- accomodation for **rlm__indx** functionalization
- prepended **g.rlmod.** to appropriate globals, logic checks, and state integrations.

svm__mgen__Batch

- added **g.rlmod.** to required globals, logic checks, state counters, and state populators.

nc__load

- removal of old globals
- addition of **g.rlmod.** to **Y** matrix addtion

ns__file Should be functionalized...

- addition of **g.rlmod.** to globals for state alteration and state counters.

p__cont Should be functionalized...

- addition of **g.rlmod.** to globals for state distrubances and input signal logging.

p_file Should be functionalized...

- cleanup to rlmod call (removal of bus)
- addition of g.rlmod. to variables for state counting, d_vector creation, derivative logging, and signal tracking.

p_m_file Should be functionalized...

- Addition of g.rlmod to related variables for k_col counting

rlmod

- updated internal function documentation
- appened g.rlmod. to appropriate variables
- removed unused globals
- Fixed incorrect call to non-existant variable (rl_mod_st)

rlm_indx

- updated internal function documentation
- appened g.rlmod. to appropriate variables
- removed unused globals