NEMO v4.0 NST OFF SAS SAO file, module, subroutine and function map

./src
- NST
- OFF
- SAS
- SAO

Colour key
- File
- Module
- Subroutine
- Generic subroutine
- Function

./NST

- agrif2model.F90 — <none>
  - Agrif2Model
  - Agrif_Set_numberofcells
  - Agrif_Get_numberofcells
  - Agrif_Allocationcalls
  - Agrif_probdim_modtype_def
  - Agrif_clustering_def
  - Agrif2Model

- agrif_all_update.F90 — agrif_all_update
  - Agrif_Update_All

- agrif_ice.F90 — agrif_ice

- agrif_ice_interp.F90 — agrif_ice_interp
  - agrif_interp_ice
  - interp_u_ice
  - interp_v_ice
  - interp_tra_ice

- agrif_ice_update.F90 — agrif_ice_update
  - agrif_update_ice
  - update_tra_ice
  - update_u_ice
  - update_v_ice

- agrif_oce.F90 — agrif_oce
  - agrif_oce_alloc
  - reconstructandremap

- agrif_oce_interp.F90 — agrif_oce_interp
  - Agrif_tra
  - Agrif_dyn
  - Agrif_dyn_ts
  - Agrif_dta_ts
  - Agrif_ssh
  - Agrif_ssh_ts

Agrif_avm

interptsn

interpsshn

interpun

interpvn

interpunb

interpvnb

interpub2b

interpvb2b

interpe3t

interpumsk

interpvmsk

interpavm

| agrif_oce_sponge.F90 | agrif_oce_sponge | Agrif_Sponge_Tra |

Agrif_Sponge_dyn

Agrif_Sponge

interptsn_sponge

interpun_sponge

interpvn_sponge

| agrif_oce_update.F90 | agrif_oce_update | Agrif_Update_Tra |

Agrif_Update_Dyn

Agrif_Update_ssh

Agrif_Update_Tke

Agrif_Update_vvl

dom_vvl_update_UVF

updateTS

updateTS

updateu

updateu

correct_u_bdy

updatev

updatev

correct_v_bdy

updateu2d

updatev2d

updateSSH

updateub2b

reflux_sshu

updatevb2b

reflux_sshv

update_scales

updateEN

updateAVT

updateAVM

updatee3t

| agrif_top_interp.F90 | agrif_top_interp | Agrif_trc |

interptrn

| agrif_top_sponge.F90 | agrif_top_sponge | Agrif_Sponge_trc |

interptrn_sponge

| agrif_top_update.F90 | agrif_top_update | Agrif_Update_Trc |

updateTRC

updateTRC

| agrif_user.F90 | <none> | agrif_user |

agrif_before_regridding

Agrif_InitWorkspace

```
                                              ./OFF
         Agrif_InitValues                       │
         ────────────────                       ├── dtadyn.F90 ── dtadyn ──┬── dta_dyn
         Agrif_InitValues_cont_dom                                         ├── dta_dyn_init
                                                                           ├── dta_dyn_sed
         agrif_declare_var_dom                                             ├── dta_dyn_sed_init
                                                                           ├── dta_dyn_swp
         Agrif_InitValues_cont                                             ├── dta_dyn_ssh
                                                                           ├── dta_dyn_hrnf
         agrif_declare_var                                                 ├── dta_dyn_slp
                                                                           └── compute_slopes
         Agrif_InitValues_cont_ice
                                                 └── nemogcm.F90 ── nemogcm ──┬── nemo_gcm
         agrif_declare_var_ice                                               ├── nemo_init
                                                                             ├── nemo_ctl
         Agrif_InitValues_cont_top                                          ├── nemo_closefile
                                                                             ├── nemo_alloc
         agrif_declare_var_top                                               ├── nemo_set_cfctl
                                                                             ├── istate_init
         Agrif_detect                                                        └── stp_ctl

         agrif_nemo_init

         Agrif_InvLoc

         Agrif_get_proc_info

         Agrif_estimate_parallel_cost

         Subcalledbyagrif
```

./SAS

- **daymod.F90** → **daymod**
  - day_init
  - day_mth
  - day
  - day_rst
- **diawri.F90** → **diawri**
  - dia_wri_alloc
  - dia_wri
  - dia_wri_alloc
  - dia_wri
  - dia_wri_state
- **nemogcm.F90** → **nemogcm**
  - nemo_gcm
  - nemo_init
  - nemo_ctl
  - nemo_closefile
  - nemo_alloc
  - nemo_set_cfctl
- **sbcssm.F90** → **sbcssm**
  - sbc_ssm
  - sbc_ssm_init
- **step.F90** → **step**
  - stp
- **stpctl.F90** → **stpctl**
  - stp_ctl

./SAO

- **nemogcm.F90** → **nemogcm**
  - nemo_gcm
  - nemo_init
  - nemo_ctl
  - nemo_closefile
  - nemo_alloc
  - nemo_set_cfctl
- **obs_fbm.F90** → **obs_fbm**
  - init_obfbdata
  - alloc_obfbdata
  - dealloc_obfbdata
  - copy_obfbdata
  - subsamp_obfbdata
  - merge_obfbdata
  - write_obfbdata
  - putvaratt_obfbdata
  - read_obfbdata
  - getvaratt_obfbdata
- **sao_data.F90** → **sao_data**
  - sao_data_init
- **sao_intp.F90** → **sao_intp**
  - sao_interp
- **sao_read.F90** → **sao_read**
  - sao_rea_dri
  - sao_read_file