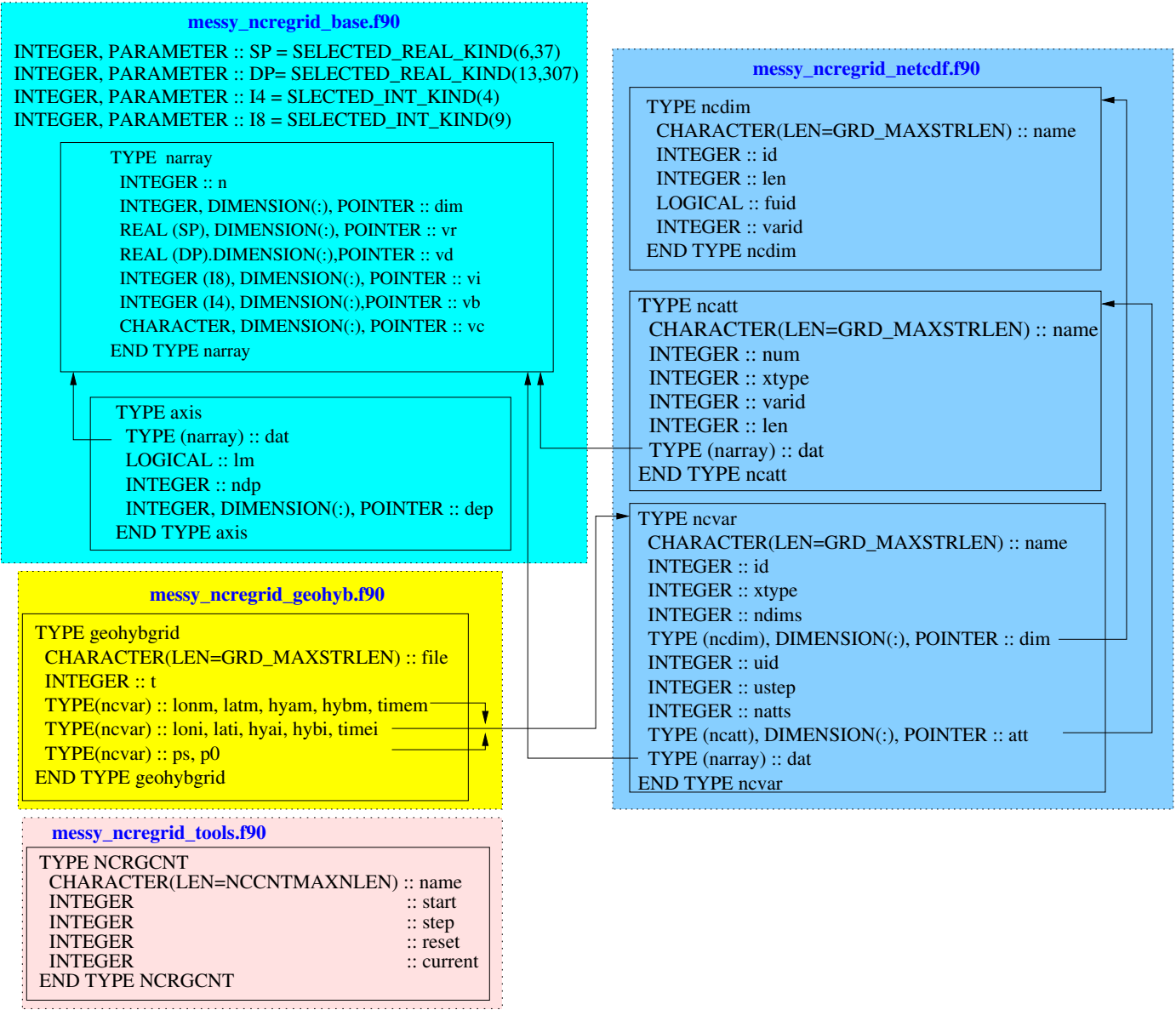
messy_ncregrid_base.f90
INTEGER, PARAMETER :: SP = SELECTED_REAL_KIND(6,37)
INTEGER, PARAMETER :: DP= SELECTED_REAL_KIND(13,307)
INTEGER, PARAMETER :: I4 = SLECTED_INT_KIND(4)
INTEGER, PARAMETER :: I8 = SELECTED_INT_KIND(9)
TYPE narray
INTEGER :: n
INTEGER, DIMENSION(:), POINTER :: dim
REAL (SP), DIMENSION(:), POINTER :: vr
REAL (DP).DIMENSION(:),POINTER :: vd
INTEGER (I8), DIMENSION(:), POINTER :: vi
INTEGER (I4), DIMENSION(:),POINTER :: vb
CHARACTER, DIMENSION(:), POINTER :: vc
END TYPE narray
TYPE axis
TYPE (narray) :: dat
LOGICAL :: lm
INTEGER :: ndp
INTEGER, DIMENSION(:), POINTER :: dep
END TYPE axis
messy_ncregrid_netcdf.f90
TYPE ncdim
CHARACTER(LEN=GRD_MAXSTRLEN) :: name
INTEGER :: id
INTEGER :: len
LOGICAL :: fuid
INTEGER :: varid
END TYPE ncdim
TYPE ncatt
CHARACTER(LEN=GRD_MAXSTRLEN) :: name
INTEGER :: num
INTEGER :: xtype
INTEGER :: varid
INTEGER :: len
TYPE (narray) :: dat
END TYPE ncatt
TYPE ncvar
CHARACTER(LEN=GRD_MAXSTRLEN) :: name
INTEGER :: id
INTEGER :: xtype
INTEGER :: ndims
TYPE (ncdim), DIMENSION(:), POINTER :: dim
INTEGER :: uid
INTEGER :: ustep
INTEGER :: natts
TYPE (ncatt), DIMENSION(:), POINTER :: att
TYPE (narray) :: dat
END TYPE ncvar
messy_ncregrid_geohyb.f90
TYPE geohybgrid
CHARACTER(LEN=GRD_MAXSTRLEN) :: file
INTEGER :: t
TYPE(ncvar) :: lonm, latm, hyam, hybm, timem
TYPE(ncvar) :: loni, lati, hyai, hybi, timei
TYPE(ncvar) :: ps, p0
END TYPE geohybgrid
messy_ncregrid_tools.f90
TYPE NCRGCNT
CHARACTER(LEN=NCCNTMAXNLEN) :: name
INTEGER :: start
INTEGER :: step
INTEGER :: reset
INTEGER :: current
END TYPE NCRGCNT