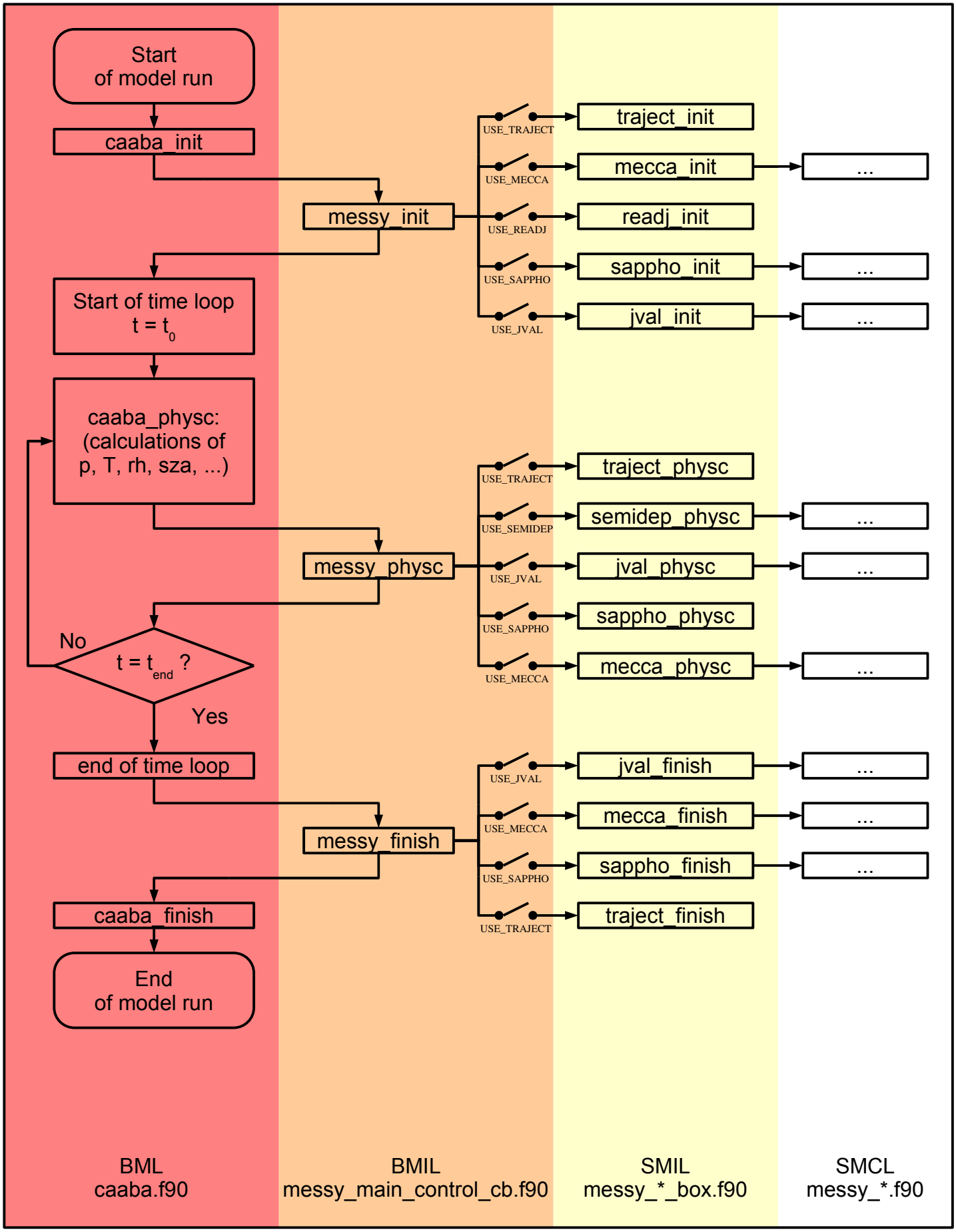
Start
of model run
caaba_init
messy_init
Start of time loop
t = t0
caaba_physc:
(calculations of
p, T, rh, sza, ...)
messy_physc
No
t = tend ?
Yes
end of time loop
messy_finish
caaba_finish
End
of model run
USE_TRAJECT
USE_MECCA
USE_READJ
USE_SAPPHO
USE_JVAL
traject_init
mecca_init
readj_init
sappho_init
jval_init
...
USE_TRAJECT
USE_SEMIDEP
USE_JVAL
USE_SAPPHO
USE_MECCA
traject_physc
semidep_physc
jval_physc
sappho_physc
mecca_physc
...
USE_JVAL
USE_MECCA
USE_SAPPHO
USE_TRAJECT
jval_finish
mecca_finish
sappho_finish
traject_finish
...
BML
caaba.f90
BMIL
messy_main_control_cb.f90
SMIL
messy_*_box.f90
SMCL
messy_*.f90