

# BIRTH AND DEATH (ROUGH APDL SCRIPTING)

Part of the input listing could look like this for first load step:

```
! First load step
TIME,...      ! Sets TIME value (optional for static analyses)
NLGEOM,ON     ! Turns large-deflection effects on
NROPT,FULL    ! Explicitly sets the Newton-Raphson option
ESTIF,...     ! Sets non-default reduction factor (optional)
ESEL,...      ! Selects elements to be deactivated in this load step
EKILL,...     ! Deactivates selected elements
ESEL,S,LIVE    ! Selects all active elements
NSLE,S        ! Selects all active nodes
NSEL,INVE     ! Selects all inactive nodes (those not attached to any
              ! active elements)
D,ALL,ALL,0    ! Constrains all inactive degrees of freedom
              (optional)
NSEL,ALL      ! Selects ALL nodes
ESEL,ALL      ! Selects ALL elements
D,...         ! Adds constraints as appropriate
F,...         ! Adds nodal loads to active degrees of freedom as
              appropriate
SF,...        ! Adds element loads as appropriate
BF,...        ! Adds body loads as appropriate
SAVE
SOLVE
```

