

Appendix F: Command File to Build NUTS-SA's Executable

Stand -alone build file:

```
$ nuts_main = "NUT_MAIN"
$
$ if pl .eqs. ""
$   then
$     inquire/nopunct/local inp "Debug? Y/N (n) "
$     if inp .eqs. "Y"
$       then
$         pl="DEBUG"
$       else
$         pl= ""
$       endif
$     endif
$   endif
$
$ if pl .eqs. "DEBUG"
$   then
$     fortran_switches = "/separate/noopt/debug"
$     link_switches = "/debug/exe=nuts_debug_standalone"
$     appended_info = "a DEBUG version of NUTS"
$     nuts == "$" + f$environment("DEFAULT") + "nuts_debug"
$   else
$     fortran_switches = "/separate/assume=dummy"
$     link_switches = "/exe=nuts_standalone"
$     appended_info = "NUTS"
$     nuts == "$" + f$environment("DEFAULT") + "nuts"
$   endif
$
$ write sys$output "Compiling and Linking " + appended_info
$
$ write sys$output "  Compiling " + nuts_main
$ fortran 'fortran_switches' 'nuts_main'
$
$ write sys$output "  Compiling NUT_LIB_STANDALONE "
$ lib/cre nut_lib_standalone
$ fortran 'fortran_switches' nut_lib_standalone
$ lib/repl nut_lib_standalone nut_lib_standalone
$
$ write sys$output "  Linking..."
$ link 'link_switches' 'nuts_main',nut_lib_standalone/l
$
$ exit
```

