

There are some places where we make specific references to the location of Soar, Tcl, or the TSI, or to a specific version of one of these. Below is a list of those places so a user who chooses to install in some alternate directory structure can change the references to make things work. Also, cases where a different version may also work (i.e. a newer version of the TSI) are listed. This list is probably only partial.

1) soar-8.3.5

- a. SoarInterface VC++ project
 - i. Links to tcl83.dll
 - 1. May want to use a different version of Tcl
- b. start-soar.tcl
 - i. set tsi_library [file join [file join [pwd] ..] tsi-3.1.5]
 - 1. May want to specify a different version of the TSI here
- c. Desktop/programs shortcuts
 - i. assume wish.exe exists in C:\Tcl\bin
 - 1. Tcl may be installed elsewhere
 - 2. May not have wish.exe (i.e. may have wish83.exe)
- d. Tsi-3.1.5
 - i. \$name eval {package require Tk}
 - 1. this line may not work with some Tcl installs or versions
 - a. error message says can't find package Tk
 - 2. can replace with one of the following (should be in file, commented out)
 - a. load tk83.dll Tk \$name
 - b. load {} Tk \$name

2) soar-8.4.5

- a. SoarInterface VC++ project
 - i. Links to tcl83.dll
 - 1. May want to use a different version of Tcl
- b. start-soar.tcl
 - i. set tsi_library [file join [file join [pwd] ..] tsi-3.1.5]
 - 1. May want to specify a different version of the TSI here
- c. Desktop/programs shortcuts
 - i. assume wish.exe exists in C:\Tcl\bin
 - 1. Tcl may be installed elsewhere
 - 2. May not have wish.exe (i.e. may have wish83.exe)

3) sgio-1.0.5

- a. InstallShield Installer
 - i. Sets user environment variable TCL_LIBRARY = C:\Tcl\lib\tcl8.3
 - 1. Tcl may be installed elsewhere
 - 2. May want to use a different version of Tcl
 - 3. May want to set a system variable so it works for all users
 - 4. NOTE: It is not understood why this variable is required (it isn't required for any of the other packages)
- b. Shared VC++ project
 - i. Additional include directory: c:\Tcl\include
 - 1. Tcl may be installed elsewhere
- c. Soarside VC++ project
 - i. Links to tcl83.dll and tk83.dll
 - 1. May want to use a different version of Tcl

- ii. Additional include directory: c:\Tcl\include
 - 1. Tcl may be installed elsewhere
 - iii. Additional library path: C:\Tcl\lib\
 - 1. Tcl may be installed elsewhere
 - iv. Program arguments (for launching from within Visual Studio)
 - 1. May have to change to reflect desired port number and init file name and path
 - d. Simside VC++ project
 - i. Additional include directory: ..\..\soar-8.4.5\kernel
 - 1. May want to compile with files from a different version of Soar
- 4) eaters-3.0.5
- a. start-eaters.tcl
 - i. set soar_library [file join [file join [pwd] ..] [file join "soar-8.3.5" "library"]]
 - 1. Notice the directory is relative to the eaters dir
 - a. May want to specify an absolute path, i.e. if located on a different drive or directory tree
 - 2. May want to specify a different version of Soar here
 - ii. set tsi_library [file join [file join [pwd] ..] tsi-3.1.5]
 - 1. Notice the directory is relative to the eaters dir
 - a. May want to specify an absolute path, i.e. if located on a different drive or directory tree
 - 2. May want to specify a different version of the TSI here
 - b. Desktop/programs shortcuts
 - i. assume wish.exe exists in C:\Tcl\bin
 - 1. Tcl may be installed elsewhere
 - 2. May not have wish.exe (i.e. may have wish83.exe)
- 5) tanksoar-3.0.5
- a. start-tanksoar.tcl
 - i. set soar_library [file join [pwd] [file join .. [file join "soar-8.3.5" "library"]]]
 - 1. Notice the directory is relative to the tanksoar dir
 - a. May want to specify an absolute path, i.e. if located on a different drive or directory tree
 - 2. May want to specify a different version of Soar here
 - ii. set tsi_library [file join [pwd] [file join .. "tsi-3.1.5"]]
 - 1. Notice the directory is relative to the tanksoar dir
 - a. May want to specify an absolute path, i.e. if located on a different drive or directory tree
 - 2. May want to specify a different version of the TSI here
 - b. Desktop/programs shortcuts
 - i. assume wish.exe exists in C:\Tcl\bin
 - 1. Tcl may be installed elsewhere
 - 2. May not have wish.exe (i.e. may have wish83.exe)