Documentation to download and set up aima lisp on hopper

http://aima.cs.berkeley.edu/lisp/doc/overview.html

Downloaded code.tar from website and sftp'd to 4480/aima_lisp/

mmartin@hopper.csustan.edu:(~/4480/aima_lisp) tar xvf code.tar
mmartin@hopper.csustan.edu:(~/4480/aima_lisp) pico aima.lisp
(defparameter *aima-root* (truename "/user/dept/<your name>/4480/aima_lisp/") ;
<<<<<<<< Edit this <<<<<<

```
    (load "aima.lisp")
    (aima-load 'all)
    (aima-compile)
    (test 'all)
```
SKIPPED ERROR IN WUMPUS WORLD
HAD TO CONTINUE THREE TIMES DURING COMPILATION
results of these commands are after #########

[1]> (load "aima.lisp")
[2]> (aima-load 'search)
        continued through wumpus world error on KILL
[4]> (test 'search)

[5]> (SETQ P1 (MAKE-CANNIBAL-PROBLEM :INITIAL-STATE (MAKE-CANNIBAL-
STATE :M1 2 :C1 1)))
#<a CANNIBAL-PROBLEM>
[6]> (SOLVE P1)
Action   State
======   =====
                (2 1 1 0 0 0)
(1 1 1)   (1 0 0 1 1 1)
(-1 0 -1)   (2 0 1 0 1 0)
(2 0 1)   (0 0 0 2 1 1)
======   =====
Total of 7 nodes expanded.
#<NODE f(3) = g(3) + h(0) state:(0 0 0 2 1 1)>

[7]> (RUN-GAME (MAKE-TTT-GAME))
        plays a 3x3 game

[8]>(RUN-GAME (MAKE-TTT-GAME :N 4) :AGENTS '(RANDOM-GAME-AGENT
ALPHA-BETA-TTT-AGENT))

[9]> (RUN-GAME (MAKE-TTT-GAME :N 5) :AGENTS '(RANDOM-GAME-AGENT
ALPHA-BETA-TTT-AGENT))

[10]>(RUN-GAME (MAKE-TTT-GAME :N 5))
[11]>(RUN-ENVIRONMENT (MAKE-WUMPUS-WORLD :MAX-STEPS 10))

[13]> (SOLVE (MAKE-CANNIBAL-PROBLEM) 'NO-DUPLICATES-BREADTH-FIRST-
SEARCH)
[15]> (SOLVE (MAKE-CANNIBAL-PROBLEM) 'a*-search)
[16]> (SOLVE (MAKE-CANNIBAL-PROBLEM) 'tree-ida*-search)
[17]> (SOLVE (MAKE-CANNIBAL-PROBLEM) 'no-cycles-depth-first-search)

##
[1]> (load "aima.lisp")
;; Loading file aima.lisp ...
;; Loading file /user/dept/mmartin/4480/aima_lisp/utilities/utilities.lisp ...
;; Loaded file /user/dept/mmartin/4480/aima_lisp/utilities/utilities.lisp
;; Loading file /user/dept/mmartin/4480/aima_lisp/utilities/binary-tree.lisp ...
;; Loaded file /user/dept/mmartin/4480/aima_lisp/utilities/binary-tree.lisp
;; Loading file /user/dept/mmartin/4480/aima_lisp/utilities/queue.lisp ...
;; Loaded file /user/dept/mmartin/4480/aima_lisp/utilities/queue.lisp
;; Loading file /user/dept/mmartin/4480/aima_lisp/utilities/cltl2.lisp ...
;; Loaded file /user/dept/mmartin/4480/aima_lisp/utilities/cltl2.lisp
;; Loading file /user/dept/mmartin/4480/aima_lisp/utilities/test-utilities.lisp ...
;; Loaded file /user/dept/mmartin/4480/aima_lisp/utilities/test-utilities.lisp
;; Loaded file aima.lisp
T
[2]> (aima-load 'all)
;; Loading file /user/dept/mmartin/4480/aima_lisp/agents/test-agents.lisp ...
;; Loaded file /user/dept/mmartin/4480/aima_lisp/agents/test-agents.lisp
;; Loading file /user/dept/mmartin/4480/aima_lisp/agents/environments/basic-
env.lisp ...
;; Loaded file /user/dept/mmartin/4480/aima_lisp/agents/environments/basic-env.lisp
;; Loading file /user/dept/mmartin/4480/aima_lisp/agents/environments/grid-env.lisp ...
;; Loaded file /user/dept/mmartin/4480/aima_lisp/agents/environments/grid-env.lisp
;; Loading file /user/dept/mmartin/4480/aima_lisp/agents/environments/vacuum.lisp ...
;; Loaded file /user/dept/mmartin/4480/aima_lisp/agents/environments/vacuum.lisp
;; Loading file /user/dept/mmartin/4480/aima_lisp/agents/environments/wumpus.lisp ...
** - Continuable Error
DEFUN/DEFMACRO(KILL): #<PACKAGE POSIX> is locked
If you continue (by typing 'continue'): Ignore the lock and proceed
The following restarts are also available:
SKIP   :R1   skip (DEFUN KILL # ...)
STOP   :R2   stop loading file /user/dept/mmartin/4480/aima_lisp/agents/
environments/wumpus.lisp
ABORT   :R3   Abort main loop
Break 1 [3]> :R1
;; Loaded file /user/dept/mmartin/4480/aima_lisp/agents/environments/wumpus.lisp
;; Loading file /user/dept/mmartin/4480/aima_lisp/agents/agents/agent.lisp ...
.

. much more here
.
;; Loaded file /user/dept/mmartin/4480/aima_lisp/language/domains/grammars.lisp
T
[4]> (aima-compile)
;; Compiling file /user/dept/mmartin/4480/aima_lisp/utilities/utilities.lisp ...
;; Wrote file /user/dept/mmartin/4480/aima_lisp/utilities/utilities.fas
0 errors, 0 warnings
;; Loading file /user/dept/mmartin/4480/aima_lisp/utilities/utilities.fas ...
;; Loaded file /user/dept/mmartin/4480/aima_lisp/utilities/utilities.fas
;; Compiling file /user/dept/mmartin/4480/aima_lisp/utilities/binary-tree.lisp ...
;; Wrote file /user/dept/mmartin/4480/aima_lisp/utilities/binary-tree.fas
0 errors, 0 warnings
;; Loading file /user/dept/mmartin/4480/aima_lisp/utilities/binary-tree.fas ...
;; Loaded file /user/dept/mmartin/4480/aima_lisp/utilities/binary-tree.fas
;; Compiling file /user/dept/mmartin/4480/aima_lisp/utilities/queue.lisp ...
;; Wrote file /user/dept/mmartin/4480/aima_lisp/utilities/queue.fas
0 errors, 0 warnings
;; Loading file /user/dept/mmartin/4480/aima_lisp/utilities/queue.fas ...
;; Loaded file /user/dept/mmartin/4480/aima_lisp/utilities/queue.fas
;; Compiling file /user/dept/mmartin/4480/aima_lisp/utilities/cltl2.lisp ...
** - Continuable Error
DEFUN/DEFMACRO(WITH-SIMPLE-RESTART): #<PACKAGE COMMON-LISP> is
locked
If you continue (by typing 'continue'): Ignore the lock and proceed
The following restarts are also available:
ABORT   :R1   Abort main loop
Break 1 [5]> continue
WARNING: DEFUN/DEFMACRO: redefining macro WITH-SIMPLE-RESTART in /user/
dept/mmartin/4480/aima_lisp/utilities/cltl2.lisp,
       was defined in
       /opt/local/var/macports/build/
_opt_local_var_macports_sources_rsync.macports.org_release_ports_lang_clisp/
work/clisp-2.47/src/condition.fas
** - Continuable Error
DEFUN/DEFMACRO(DESTRUCTURING-BIND): #<PACKAGE COMMON-LISP> is
locked
If you continue (by typing 'continue'): Ignore the lock and proceed
The following restarts are also available:
ABORT   :R1   Abort main loop
Break 1 [6]> continue
WARNING: DEFUN/DEFMACRO: redefining macro DESTRUCTURING-BIND in /user/
dept/mmartin/4480/aima_lisp/utilities/cltl2.lisp,
       was defined in
       /opt/local/var/macports/build/
_opt_local_var_macports_sources_rsync.macports.org_release_ports_lang_clisp/
work/clisp-2.47/src/defs2.fas

;; Wrote file /user/dept/mmartin/4480/aima_lisp/utilities/cltl2.fas
The following functions were used but are deprecated:
 SPECIAL-FORM-P - Use SPECIAL-OPERATOR-P instead.
0 errors, 0 warnings
;; Loading file /user/dept/mmartin/4480/aima_lisp/utilities/cltl2.fas ...
WARNING: Replacing method #<STANDARD-METHOD (#<BUILT-IN-CLASS T>
#<BUILT-IN-CLASS T>)> in
        #<STANDARD-GENERIC-FUNCTION PRINT-STRUCTURE>
;; Loaded file /user/dept/mmartin/4480/aima_lisp/utilities/cltl2.fas
;; Compiling file /user/dept/mmartin/4480/aima_lisp/utilities/test-utilities.lisp ...
;; Wrote file /user/dept/mmartin/4480/aima_lisp/utilities/test-utilities.fas
0 errors, 0 warnings
.
. continue as necessary
.
;; Loading file /user/dept/mmartin/4480/aima_lisp/language/domains/grammars.fas ...
;; Loaded file /user/dept/mmartin/4480/aima_lisp/language/domains/grammars.fas
T
[8]> (test 'all)