

EECS 22L: Chess Final Release

Prepared by: Nistha Tandiya, Shang Ma, and Prof. Rainer Dömer

January 26, 2015

The final deliverable in the chess project is the release version of the chess program for the user, as well as the corresponding release version of the program source code and documentation. In contrast to the previous alpha version, this release version should be complete and fully functional. In particular, we expect the final version to follow the official rules of chess, so that a fair chess tournament can be played.

Note: Before submitting the packages, untar them at another location and cross check their compilation and execution. The extracted folder should strictly follow the hierarchy given below. Additionally for compiling and running the code, there should be no need for the user/developer to copy files from one folder to another (Paths in Makefile should accommodate the given hierarchy).

User/Customer Package (Chess_V1.0.tar.gz)

For full credit (100%), the binary package for the user should have the following file hierarchy :

- **README**
 - author, version, date, general instructions . . .
- **COPYRIGHT**
 - author and copyright
- **INSTALL**
 - installation instructions
- **bin/**
 - binary directory
 - *bin/chess* : the executable chess program
- **doc/**
 - directory for documentation
 - *doc/Chess_UserManual.pdf*

Source Code Package (Chess_V1.0_src.tar.gz)

For full credit (100%), the source code package for further developers should have the following file hierarchy:

- **README**
 - author, version, date, general instructions, . . .
- **COPYRIGHT**
 - author and copyright

- **INSTALL**

- installation instructions (how to compile, install)

- **Makefile**

- top-level, tool-specific Makefile

- **bin/**

- binary directory

- **doc/**

- directory for documentation, report, etc.
- *doc/Chess_UserManual.pdf*
- *doc/Chess_SoftwareSpec.pdf*

- **inc/**

- include directory, with all header file(s) or symbolic link(s) to header file(s)
- *inc/Chess.h*
- *inc/others.h*

- **src/**

- source directory, with all source code files
- *src/Makefile*: Makefile for sources
- *src/Chess.c*
- *src/others.c*

- **test/**

- test directory, with
- *test/test_interface.c* : check the conversion from user input to coordinates
- *test/test_rulecheck.c* : check the output of the rule checker for a given input
- *test/test_boarddisplay.c* : check the display of a modified board
- or similar

Note that the source code package should include all files needed to build, install, and test the software. In particular, the top level *Makefile* should support the following:

```
% make
% make test
% make clean
```