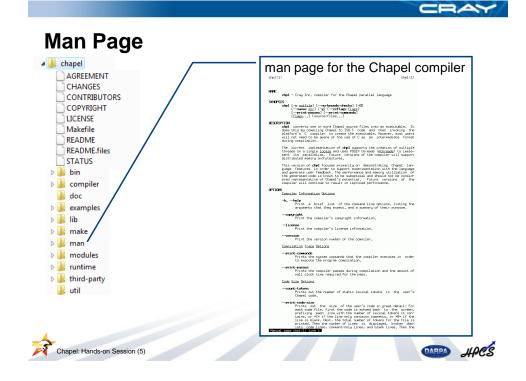


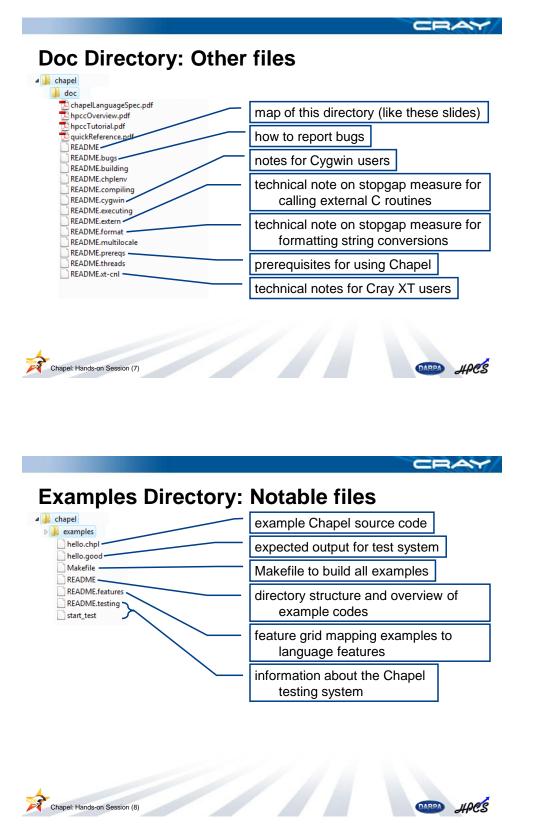


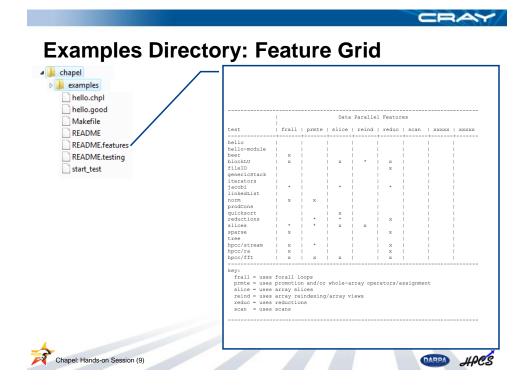
Top-Level Documentation 🖌 📗 chapel User agreement AGREEMENT CHANGES Changes from previous releases CONTRIBUTORS COPYRIGHT Project contributors LICENSE Makefile README Copyright statement **README.files** STATUS License agreement (BSD) 🖻 鷆 bin b] compiler top-level Makefile 🌗 doc Image: top-level README (START HERE!) ⊳ 鷆 lib b lack make a map of the file structure (like this one) 🗅 📗 man b imodules known bugs and Image: Participation of the second unimplemented features b limit third-party 📗 util OMBO HPCS Chapel: Hands-on Session (4)



	CRAY
Doc Directory: Main files	
chapel doc	Chapel Language Specification
ChapelLanguageSpec.pdf	HPC Challenge Documentation
hpccTutorial.pdf	Quick Reference Sheet
README	details on how to build the compiler
README.building	Chapel environment variables
README.cygwin README.executing	details on using the Chapel compiler
README.extern README.format	executing Chapel programs
README.multilocale README.prereqs	executing using multiple locales
README.threads	executing using multiple threads









Outline

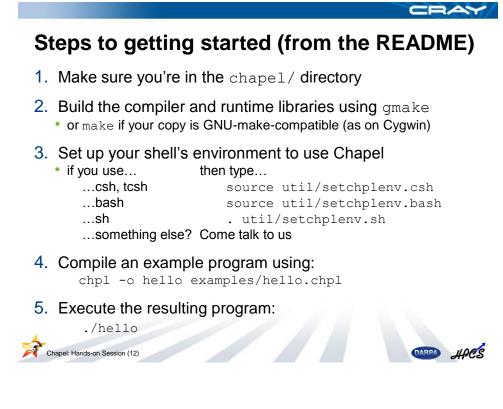
- Overview of the release structure
- Getting started with the hands-on session
 - platform notes
 - getting started
 - then what?
- Chapel environment settings





- ssh/telnet into a UNIX platform and work there
- find someone to buddy up with
- No computer? find someone to buddy up with





Then what?

- Whatever you like:
 - Look at, compile, execute other example programs
 - Explore the release -- see the bottom of the README for pointers
 - Try coding up an algorithm of interest to you
 - · Work through some of the exercises we've prepared
- Please ask us questions if you have any difficulties
 - (or simply questions)
- Reminders:
 - break at 3pm
 - we'll reconvene at 4:30pm for a final Q&A and to get your feedback

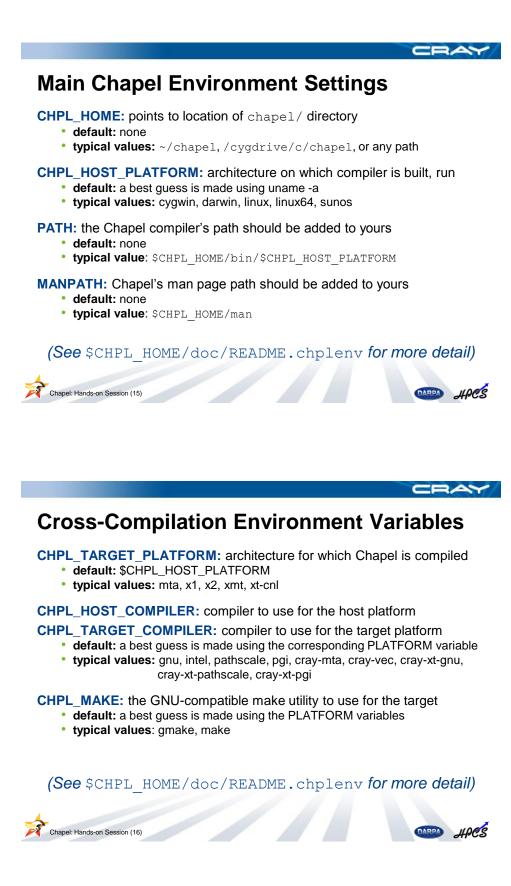




Outline

- Overview of the release structure
- Getting started with the hands-on session
- Chapel environment settings
 - main settings
 - cross-compilation settings
 - other settings







Other Environment Variables

CHPL_THREADS: threading layer to use for the generated code

- default: a best guess is made using \$CHPL_TARGET_PLATFORM
 - typical values: none, pthreads, mta

CHPL_COMM: communication layer to use for the generated code

- default: none
- typical values: none, gasnet, armci

CHPL_*: most compiler options can be set using an environment variable

• see chpl --help-env and --help for details

(See \$CHPL HOME/doc/README.chplenv for more detail)



