

Chaste Stakeholders Meeting

Martin Robinson

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Git Migration

- 1 Git, CMake, Buildbot migration info at

<https://chaste.cs.ox.ac.uk/trac/wiki/ChasteGuides/GitMigration>

- 2 Git guide at

<https://chaste.cs.ox.ac.uk/trac/wiki/ChasteGuides/GitGuide>

- 3 Example Trac instance at

<https://trix.cs.ox.ac.uk/trac>

- 3 Example Testing webpage at

<https://trix.cs.ox.ac.uk/tests>

- 4 **Set migration date?**

Improvements to CMake

- 1 New custom build targets
 - Doxygen generation and coverage
 - Test coverage
 - Memory testing with Valgrind
 - Profiling with Gprof and Gperftools
- 2 Projects can be build outside Chaste build tree
- 3 Improved installation and packaging of built Chaste libraries (can build working Deb file)
- 4 CMake guide at

<https://chaste.cs.ox.ac.uk/trac/wiki/ChasteGuides/CmakeBuildGuide>

Why?

- 1 Match CMake functionality with Scons **done**
- 2 Separate projects from main Chaste tree **done**
- 3 Automate packaging **done**
- 4 Match Windows and Mac functionality to Linux
 - TODO: heart and lung
- 5 Automate Chaste windows, linux and Mac packaging on Buildbot
 - Linux = Self-extracting script, DEB or RPM
 - Mac = Pagemaker or DragNDrop
 - Windows = Nullsoft (NSIS) graphical installer
- 6 Users (windows, linux and mac) can simply download and install Chaste, with (hopefully) automated dependency installation