Topics overview

- Walk through
  - [https://hosted2.webwork.rochester.edu/webwork2/HKUST10x](https://hosted2.webwork.rochester.edu/webwork2/HKUST10x)
  - login: profa  password: profa

- New question types

- Authoring questions
  - Using the PGproblemEditor
  - Finding information on the wiki
  - MathObjects, contexts and more
Walk through

- Standard examples (Demo)
- MathAchievements - show types & editor
  - MathView entry
  - Course configuration
  - Library
- Print hardcopy (use Demo set)
New Question types

https://hosted2.webwork.rochester.edu/webwork2/HKUST10x

- Standard questions: Demo set and MAA2011tutorial are good examples
  - 5, 8, 10, 11, 12
- Geogebra examples: Demo/13 and GraphicalLOP
- Flash applet examples: Cleveland State Applets
- LinearInequality example: WordtoLOP set, problem 1
- Essay question examples: dev13MTH208/WBWK1/problem1&2
- Drag and drop questions: Ordering proofs and relations/
- Scaffolded questions: sequential questions set
- Sagelets: sage set
- Graphical input: graphical input set and Demo/11, 12
- About applet problems
  - Java applets and flash applets will not work easily on all devices
Authoring questions

• Using the PGproblemEditor

• MathObjects: Tutorial [https://testcourses.webwork.maa.org/webwork2/PREP14_Problem_Authoring/Workshop2](https://testcourses.webwork.maa.org/webwork2/PREP14_Problem_Authoring/Workshop2)
  • Context()
  • Using PGlab

• Finding information
  • Author section of the wiki: [http://webwork.maa.org/wiki/Authors](http://webwork.maa.org/wiki/Authors)
  • Problem techniques section: [http://webwork.maa.org/wiki/Problem_Techniques](http://webwork.maa.org/wiki/Problem_Techniques)
  • Subject area templates: [http://webwork.maa.org/wiki/Category:Subject_Area_Templates](http://webwork.maa.org/wiki/Category:Subject_Area_Templates)
  • POD documentation:
Model Courses

• John Travis has led the effort to create these collections of suitable homework sets for a given course.

• Obtaining information about modelCourses
  • wiki pages: http://webwork.maa.org/wiki/Model_Courses
  • Many of the courses are still “under construction”
Gateway quizzes

☑️ https://math.webwork.rochester.edu/webwork2/fall10mth164b/quiz_mode/ww02quiz/
• https://math.webwork.rochester.edu/moodle
  • Show spring14mth164: set2 problem 20
  • Show statistics and student progress for sets 5 and 12
• https://hosted2.webwork.rochester.edu/moodle/
Grade essay questions

• https://hosted2.webwork.rochester.edu/webwork2/dev13MTH208/WBWK1/
WeBWorK3

- [https://devel2.webwork.rochester.edu/webwork2/2014_HKUST_demo/](https://devel2.webwork.rochester.edu/webwork2/2014_HKUST_demo/)

- The most noticeable change in WeBWorK3 is the instructor user interface. It now uses AJAX calls and incremental saving to give a completely different look and feel to the instructor interface.