





Web-CAT User Group Meeting

Welcome!

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Web-CAT: Automatic grading using student-written tests
<http://web-cat.org>

What is Web-CAT?

- A plug-in-based web application
- Supports **electronic submission** and **automated grading** of programming assignments
- Fully customizable, scriptable grading actions and feedback generation
- Lots of support for grading students based on **how well they test their own code**


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What we want from this meeting

- We want to hear from you ...
- ... And we want to answer your questions
- Topics:
 - **What's new** with Web-CAT now
 - What's coming in the **near future**
 - Lots of **discussion**
 - Who wants to contribute?



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What's new with Web-CAT

- Multi-tab browser support
- Better support for multi-semester usage
- Safari WYSIWYG code markup
- Automatic hint controls for Java
- Reflection-based test cases for Java
- Dereferree, Visual Studio submissions
- AJAX support


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Let's look at the Reporter Subsystem

- User-definable stats reporting for course staff

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What's coming in the near future?

- Eliminate repetitive wizard page choices
- Improve the look and feel of the interface
- Speedier, smarter ajax-based interface enhancements
- Better integration with plagiarism detection services
- Smart rubric-based grading support

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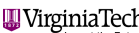





What's coming in the near future?

- Bulk submission download capabilities
- Ability to upload feedback you write externally
- Design your own statistical reports over student data
- Statistical analysis of your test cases
- Posting sample plug-ins to learn from

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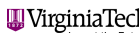
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What's coming in the near future?

- Support individual deadline extensions
- Scalable response time (clustering)
- Automatic hinting for C++
- Support for output-comparison scoring
- Integration with Moodle and/or Sakai (or Blackboard?)

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Let's discuss ...

- What are your:
 - Suggestions
 - Questions
 - Problems you need help with
 - Feature requests
 - Issues **you** want to work on

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