And Professor Hardwick is OUT of the chute! He'll have to net and etherize that Dendug plexippus in less than ten seconds if he hopes to win!
What is Bugzilla?

- Bug-tracking system
- Used by a large number of projects
  - Both internal projects and externally available ones
History

- Originally written by Terry Weissman
- Replacement for the Netscape's in-house bug tracking software
- First version was written in TCL
- Ported to Perl
  - Version 2.0
  - Released as open source on Sept. 19, 1998
Possible Uses

- Software and hardware bug tracking
- Systems administration
- IT support queues
Requirements

- CGI-enabled Web Server
  - e.g. Apache, IIS
- Database
  - Currently supports MySQL and PostgreSQL
- Perl
  - A large number of Perl modules
Features

- Defect Tracking
  - Add, Find, Assign Responsibility, Close, Reopen
- Multiple Versions/Modules for Software
- Reporting/Chart Creation
- Flexible Authentication/Authorization
- Support for Multiple Languages
- Integration with LXR, Tinderbox, Bonsai
Limitations

- Unwieldy installation routine
  - Included scripts improve some
- Customizing an installation not easy
- Integrating other components can be difficult
  - CVS, Subversion, Test-case generators, etc.
- Integrating with other tools a problem
  - e.g. Eclipse
Future

- Improve installation
- Expand database support
- More extensibility/modularity
  - User Interface
  - Features
- More flexible security
Sources

- [http://www.bugzilla.org](http://www.bugzilla.org) – The main Bugzilla site