What is it?

- A simple web-based tool for software project management.
- Designed to integrate easily into existing practices.
What does it include?

- Project wiki
- Timeline
- Web interface for subversion
- Ticketing system for assigning tasks, reporting bugs, etc.
History

- Trac is developed and maintained by Edgewall Software
- Inspired by CVSTrac
- Back-end written in Python
- Front-end (web presentation) uses ClearSilver
- Released under a modified BSD license

How do I set it up?

• Source code available from:
  http://trac.edgewall.org/wiki/TracDownload

• Installation guide:
  http://trac.edgewall.org/wiki/TracInstall

• Usage/administration guide:
  http://trac.edgewall.org/wiki/TracGuide
Questions?
Demo
Bob

- Go to site
- Look at roadmap - due dates, active tickets
- Go to tickets
- Click my ticket (Basic Math)
- Accept ticket - then show the ticket again and point out the asterisk
Bob

• Go to ~/bob/calc
• copy ../basic.* to .
• svn add basic.c basic.h
• svn commit
• Go back to ticket, type comment and mark as “fixed”
Tom

- Go to trac site
- Look at timeline
- see that Bob checked something in
- cd ~/tom/calc; svn update
- go to tickets, look at my task (advanced)
- accept ticket
Tom

- cp ../advanced.* calc/.
- svn add advanced.c advanced.h
- svn commit
- Notice bug in max (change < to >)
- svn commit
Boos Man

• go to main trac site
• Take a look at the timeline, notice Bob and Tom’s changes
• Look at roadmap and notice %s
• Click on the “Revision Log”
• Browse source, click version and show nice diffs
• View tickets to see who has accepted theirs
• Open tickets for Bob and Tom and praise their work
• Go back to main page and edit the wiki.
• Add “This project will include both a CLI and a GUI.”
Bill

- Go to main site
- Go to the tickets and view my ticket
- Accept ticket
- `cd ~/bill; svn co http://dobry.us/svn/calc calc --username bill`
- Notice bug in div, mod. No check for divide by 0
Bill

• Go to tickets; new ticket
• type = defect, priority = critical
• Assign to Bob
• CC - Boss Man
• Go back to view tickets to show new ticket (critical is at top, different color)
Summary

- Nice interface for programmers and supervisors to:
  - Track milestones
  - Track tasks
  - Track bugs
  - Track source
Questions?