Tools Working Group

John Regehr, chair
What Tools?

$ make my-platform contracts
$ make my-platform type-safe
$ make my-platform compress-ram
$ make my-platform inline
$ make my-platform optimize
$ make my-platform stack-check

◆ Easy to use
◆ Optional
Goals

- Make it easier to develop sensornet applications through software tools
- Support transition of tools from the research community into practical use
- Win/win:
  - Developers get tools
  - Researchers get impact
What’s in Scope?

- Design-time tools that run before nescc
- Tools that run between nescc and gcc
- Tools that run after gcc
Short-term Goal

- Integrate one or more tools into TinyOS 2 releases
  - Type safe execution might be first
Initial members:

David Gay
Ben Greenstein
Todd Millstein
Jens Palsberg
John Regehr

- More members wanted
- Web page, mailing list coming soon