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## SPIM simulator

CSE 410, Spring 2006  
Computer Systems

<http://www.cs.washington.edu/education/courses/410/06sp/>

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## Reading and References

- See the Resources section on the SPIM web page for documentation on SPIM
  - » <http://www.cs.wisc.edu/~larus/spim.html>
- In particular, *Appendix A* and *Getting Started with PCSpim* are useful reading from that site

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## SPIM simulator

- SPIM lets you write MIPS assembly language code and run it on a PC
- PCSpim is installed on the machines in the Math Sciences Computing Center
- You can download versions for Windows and all varieties of \*nix (including MacOS X) from the web site
  - » <http://www.cs.wisc.edu/~larus/spim.html>

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## Spim display

- Register panel
  - » register names and numbers
- Text segment panel
  - » note jump and link to “main” at [0x00400014]
  - » your code defines the label “main”
- Data and Stack segment panel
- Message panel

