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Advanced Apple IIGS Debugging

Squashing Bugs the Dave Way

Priorities

- Debugging
- Sleep

The Dave Way

- Avoiding bugs in the first place
- Exploring tangents
- Using debugging aids

Avoid Bugs in the First Place

- Use lots of subroutines
- Look at your object code
- Be careful with macros
- Program defensively

Explore Tangents

- Personally satisfying
- Annoys co-workers
- You'll need the answer later anyway

Use Debugging Aids

- GSBug
- Nifty list
  - Classic Desk Accessory
  - Written to help me explore
  - Normally distributed as Shareware
  - Free for WWDC attendees

Nifty List

- Helps you examine your object code
- Helps answer your toolbox questions
- Encourages exploration
- Lets you add your own commands

Nifty List

- Use with GSBug
- Set breakpoints or toolbox breaks
- Examine data structures in Nifty List

The power to be your best