### SDB A Soar Debugger

Glenn Taylor glenn@soartech.com
Soar Technology, Inc.
Soar 20

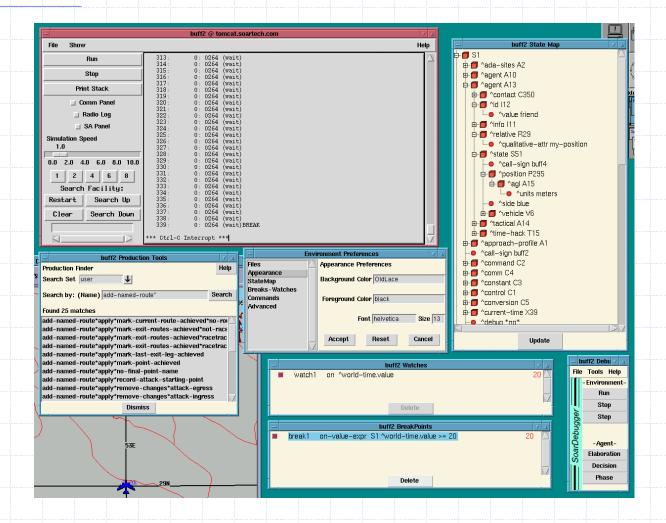
# SDB – Capabilities

- Deep Structure Inspection
- Watches
- Breakpoints
- Production find by name
- General GUI access to common Soar functionality (popup menus, etc)

# SDB – Highlights

- Watches and Breaks as productions
- Break types:
  - on value change
  - on value expression
  - attribute on symbol
  - attribute not on symbol (set)
  - on production fire

### SDB - Environment



#### SDB - Future

- More soar features incorporated
- New features dependent upon the suggestions of the users (www.soartech.com/download/sdb.html)

## SDB – Coal and Nuggets

- Coal
  - watches/breaks as productions
  - watches/breaks useful debugging paradigm for soar?
  - will it be used?
- Nuggets
  - watches/breaks as productions
  - helpful for learning soar