# **Connecting ACT-R to off-the-shelf software**

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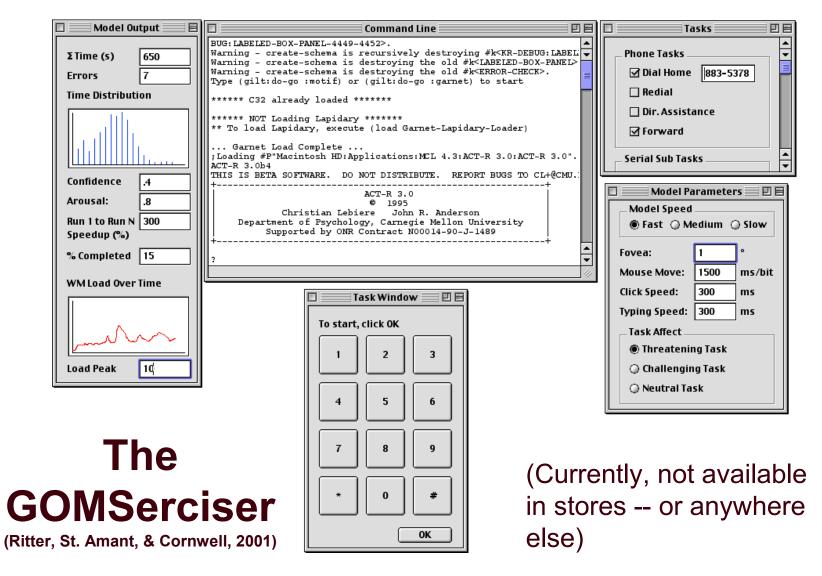


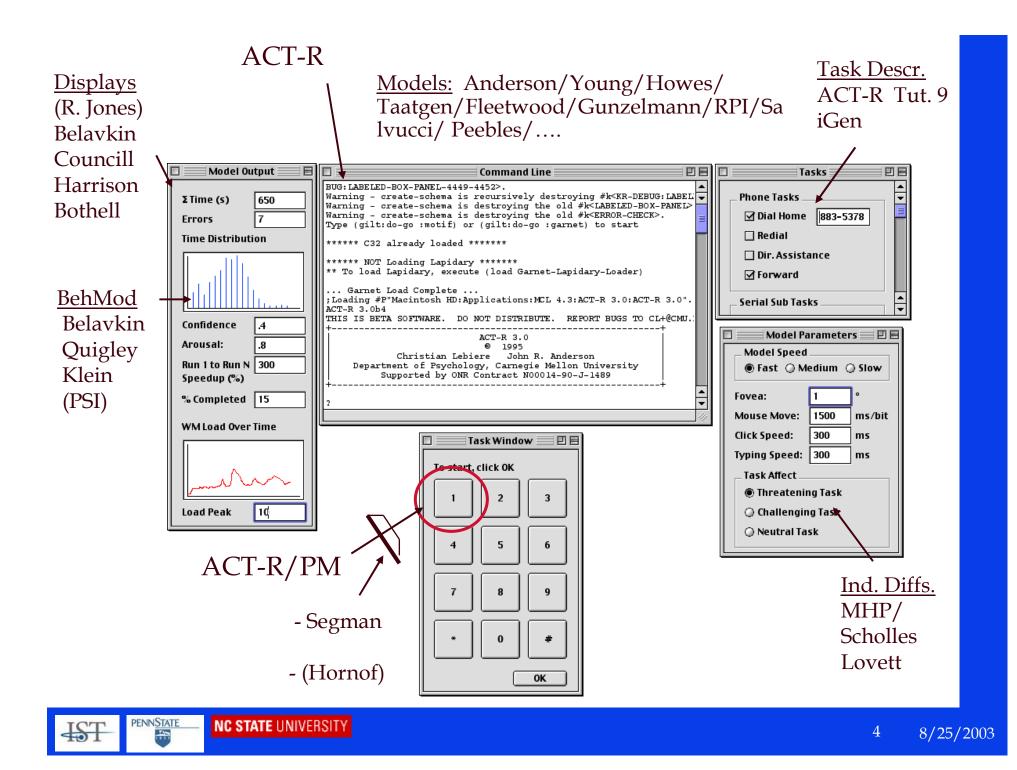
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## A cognitive model in a box

- User interface evaluation is often ad hoc, difficult, and time-consuming.
- Cognitive modeling within a UTC answers one of these complaints—what about the others?
- We need easier ways to connect cognitive models to existing systems, and more comprehensive tools for model development and analysis.

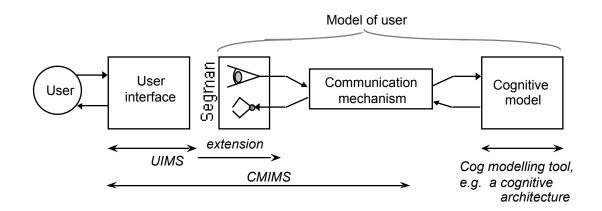
### One vision of the future





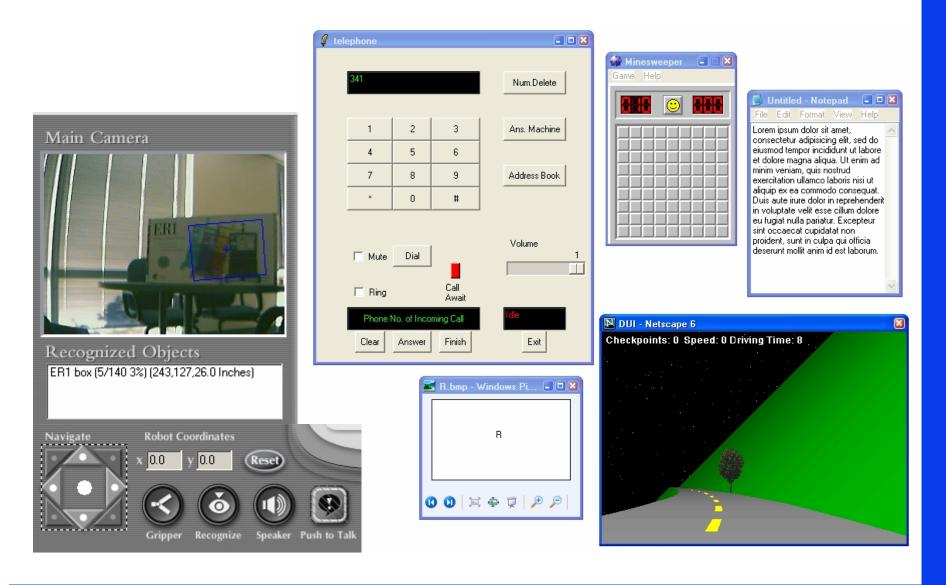
# **Doing our part**

We are building ACT-R models that interact with off-the-shelf-applications

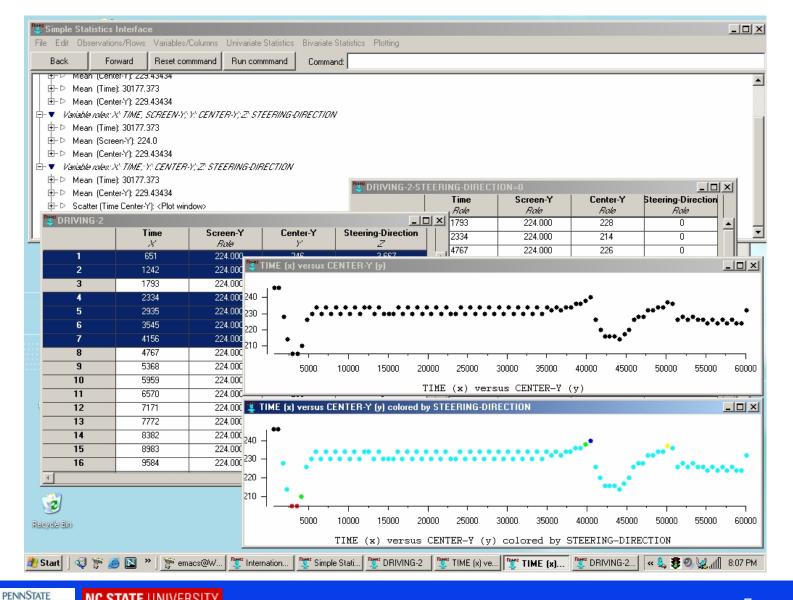


We are designing integrated tools for model development, model execution, and analysis of model execution traces

#### Interfaces we have known



### Analysis of model execution traces



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### Where do we go from here?

#### More sharing

- Language for ACT-R/EPIC + tasks + environment + . . .
- Help from authors, keep models as theories public
- → Help from ACT-R central?
- ↗ More sharing with us!
- Steal our Zeitgeist!