Results of the Soar Survey

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Soar Workshop 23

Respondents

- 21 users from the Soar community

2 (USA)	2 (Europe)	4 (???)

- Soar versions

< 7.x	7.x	8.3.x	8.4.x
1	6	6	8

- OS

9 (Win)	1 (Mac OSX)	5 (Linux)

Importance of Some Features

◆ Respondents scored features from 1-5 (1 very important, 5 not important)

- Availability of Tcl/Tk interface – **3.3**
- Soar's ANSI C implementation – **2.9**
- Soar's low cost (its free!) – **1.8**
- Availability of source code – **1.8**

Satisfaction with Current Tools

- SDB
  - Use – **3** of **15** respondents
  - Satisfaction – **2.3**
- SGIO
  - Use – **6** of **15** respondents that code I/O
  - Satisfaction – **2.5**
- Visual Soar
  - Use – **12** of **15** respondents
  - Satisfaction – **2.8**

Perceptions of Soar

- Another scale from 1-5
  (1 strongly agree, 5 strongly disagree)
- Well recognized – **2.5**
- Low computational overhead – **2.5**
- Easy to use with other apps – **3.0**
- Well suited to my needs – **2.7**
- Easy to learn – **3.6**

Some Desired Features

- *Better debugger / debugging tools*
- *Update of Soar language (for usability, semantics)*

- Better C interface
- Access to production memory via rules
- Variability for indifferent selection
- Sub-symbolic learning/representation