



"Our reputation for longevity is based on several factors: hard work, simple food, lack of stress, and the inability to count correctly."



Counting and SOAR

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Counting and SOAR

- Biological Basis of a “number module”
- Counting Processes
- Counting in SOAR
- Programming Demos

Number Module

■ Functions of a Number Module

- Perception of quantities
- Comparisons base on quantity

■ Evidence for a Number Module

All societies, all ages, brain localization,
fast & automatic, ancestral evidence,
relation to mathematics, part of cultural

Counting Processes

- Perception of small quantities (~5)
- 1:1 association procedure
- Standards: body parts, tokens, words, symbols

Counting in SOAR

Demos for SOAR FAQ:

- Using elaborations
- Using operators
- Using RHS function

Programming Demos

- Programming Soar is difficult
- Share the nuggets!
- Next:
 - Saving transitory sensor inputs?
 - Mapping the environment?
 - _____?