SMem Debugging Commands

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Goal:

- Make it easier to observe impact of architecture changes
- Be able to fix "bad" memories

Additional Commands

- history
  - Displays activation history for some LTI
- remove
  - Removes some or all of the information on some LTI
- query
  - Runs a query as if it was initiated by the agent

History

- syntax example:
  - "smem --print [LTI] history"
- prints the typical information
- prints last 10 activation events

Remove

- syntax example:
  - "smem --remove {(W2 ^attr bad-value)}"
  - "smem --remove {(W2 ^bad-attr)}"
  - "smem --remove {(W2)}"

Query

- syntax example:
  - "smem --query {(<cue> ^attribute value)}"
    - This prints the result of the agent's query mechanism as if "<cue>" was on the smem link
  - "smem --query {(<cue> ^attribute value)} 5"
    - This displays the top 5 candidates

Nuggets
- Can "fix" memories
- Can observe "ranking" given a cue
- Helped me do the work for other talk

Coal
- Query can change some (very small) aspects of the agent.
- Not yet well-tested
- Clunky syntax