


# Working Memory Element (WME) Decay in Soar

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# Introduction

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- # Extension of work done by Ronald Chong
  - # Trying to improve efficiency of implementation
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# Overview

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- # Forget WMEs that have not been recently used
  - # This type of effect is normal in human cognition
  - # Step towards making memory in Soar more psychologically plausible
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# Implementation

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- # Controlled using a run-time flag
  - # Only affects o-supported WMEs
  - # Each WME has an activation level which decays with time
  - # When a WME created or tested, activation is reset
  - # When activation decays past some threshold, the WME is removed
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