ACT-R 6.1 is now ACT-R 7

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Why?

• Complaints at the 2015 Workshop about possible confusion with the numbering

• Consider 6.1 a transient transitional version
  – Only available through subversion now
Superficially, names changed

- The directory is now actr7
- The loader is “load-act-r.lisp”
- The logical directory for the root is now ACT-R instead of ACT-R6
- The value on *features* is :act-r-7
More substantially

• the 6.0 backward compatibility hacks were removed
  – No :backwards system parameter now

• Some default values of parameters changed
  – Goal and imaginal source activation are now 0 and 1 respectively instead of the other way around
  – The new “unstuffing” parameters are now enabled by default

• The support code & hacks for MCL no longer exist
Updates to the “unstuffing” parameters

• The :unstuff-visual-location and :unstuff-aural-location parameters now only have three options
  – Nil – just like older versions – stays until model uses/clears it
  – T – the module erases the chunk from the buffer after an appropriate time
    :visual-onset-span or :sound-decay-time
  – # – erase the buffer after the specified time in seconds
  – The default value for vision is T and audio is nil

• Two new parameters :overstuff-visual-location and :overstuff-aural-location
  – T/nil as to whether a new “stuffed” chunk can replace a stuffed chunk that is already in the buffer
  – Defaults to nil for vision and T for audio