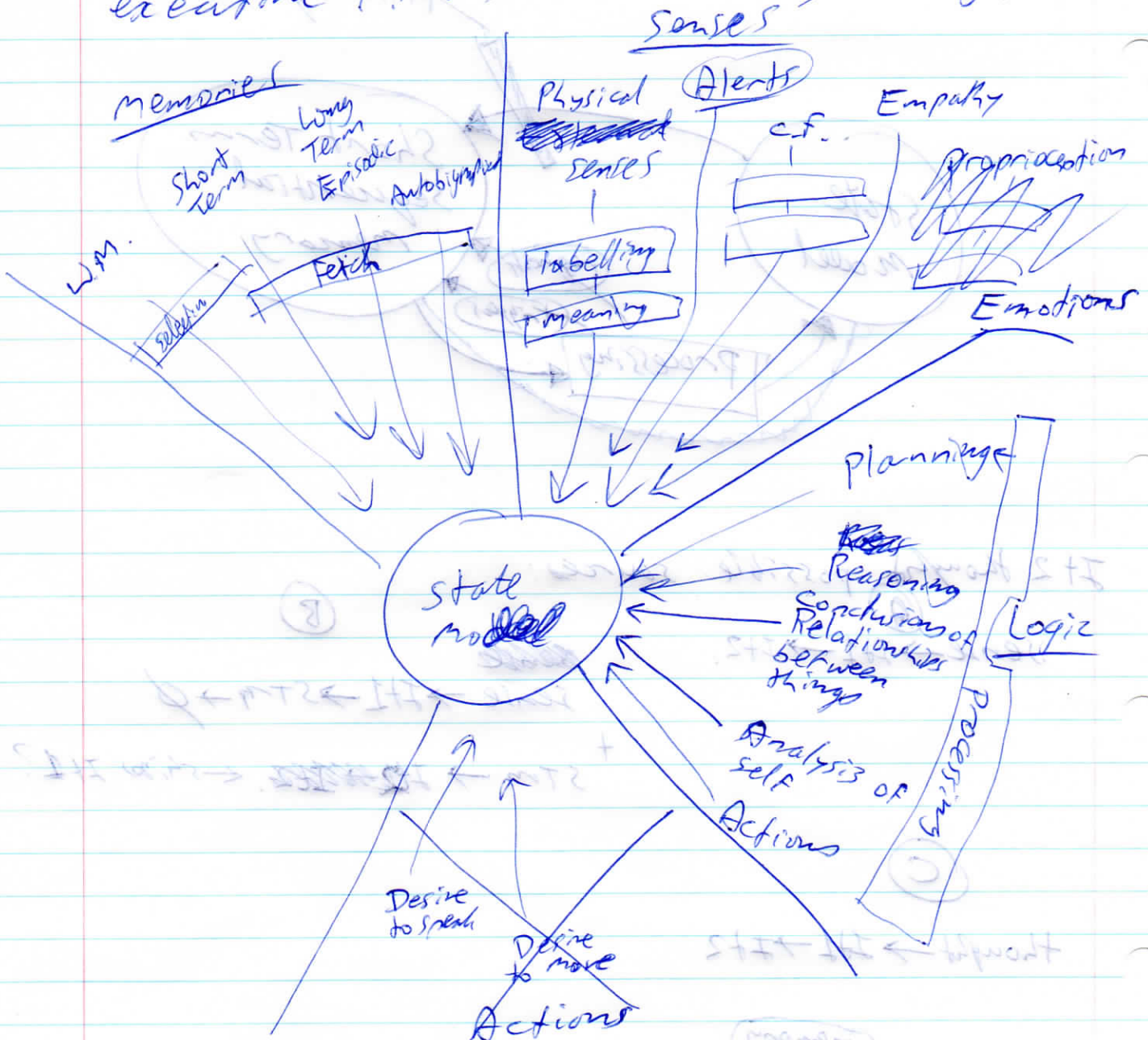


# An Examination of Executive Function

• Closer examination of several attributes of executive fn in context of my theory.



## Visceral Loop If1

If1 has a big impact on whether

If2 may have a big impact of whether we become 'aware' of having done or thought something. If If2 doesn't happen then we cannot reach If3 to conclude about that awareness. However, I believe

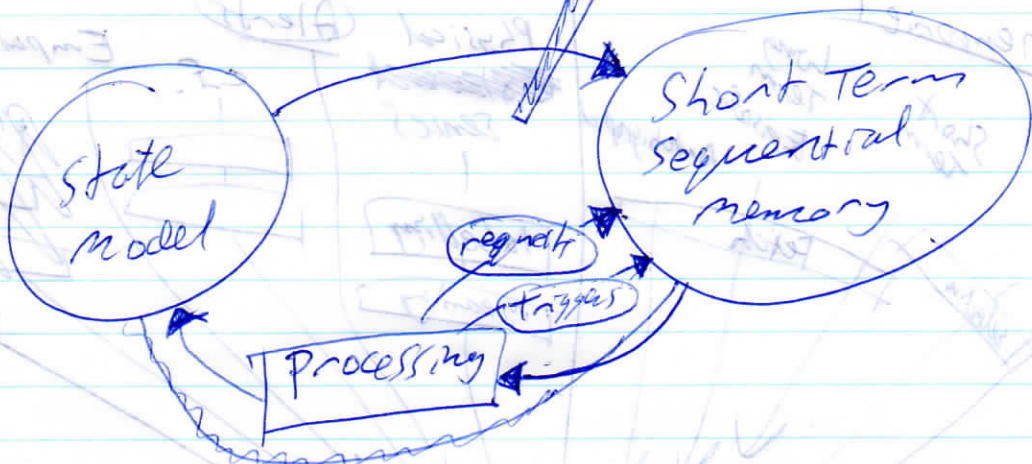
all stills go to STM, so filtering must have an additional effect.

## Actions:

interesting example because of our ability to perform actions w/o a conscious recollection or doing it → potentially more an artifact of memory.

means a 2nd chance for If2.

If3

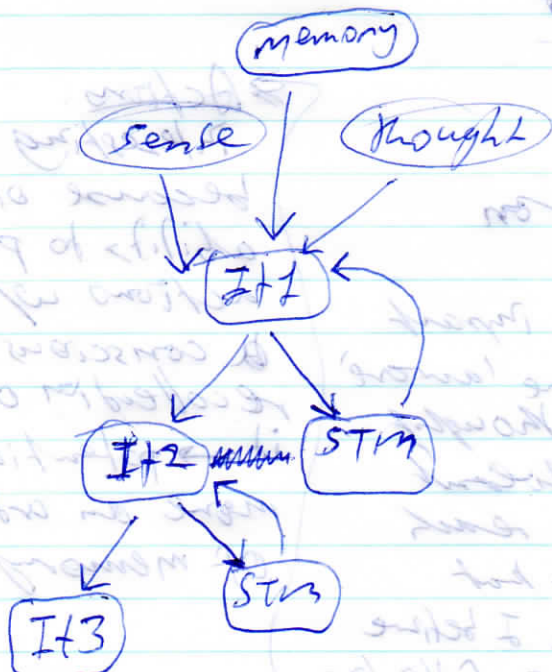


It 2 thought possible sources:

(A) sense → It1 → It2.

(B) sense → It1 → STM → ∅  
 + STM → It2 ← sense It1?

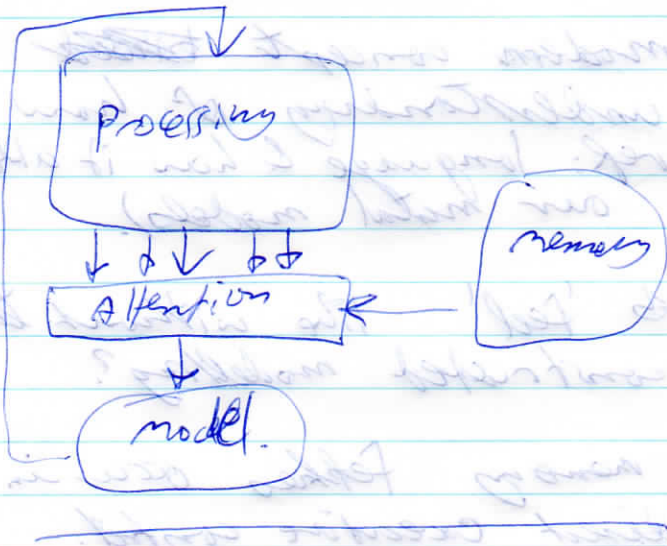
(C) thought → It1 → It2



# Memory Feeding

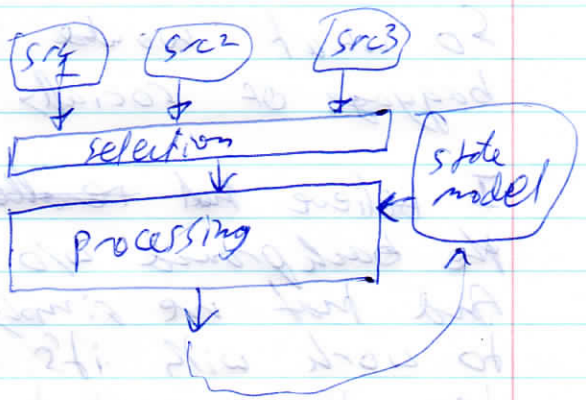
Q: Why does it seem that memory feeds results are received directly into the state model?

(A)



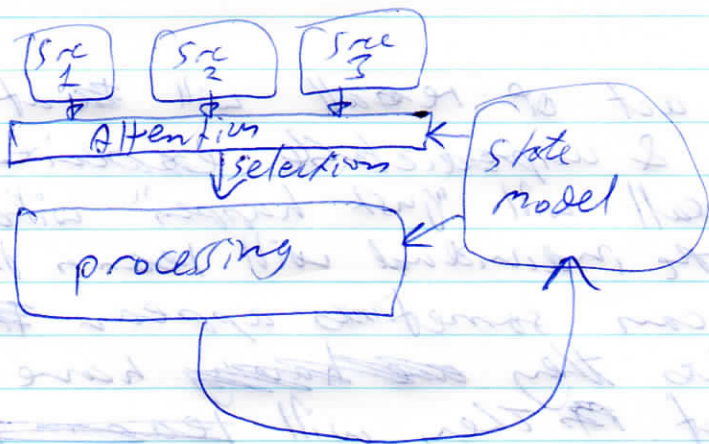
(B)

• selection of inputs requires different circuit than logic processing so can't select + process in one step.



(C)

• Attention acts on inputs



4/ ~~the~~ ~~remember~~

"I remember":

The concept behind the word "remember" is that we have a physical memory bank that data can be fetched from, and that leaks ~~over time~~ & loses its contents over time.

But that is a modern concept ~~formed~~ formed by our understanding of how brains operate. (ref: language & how it affects our mental models).

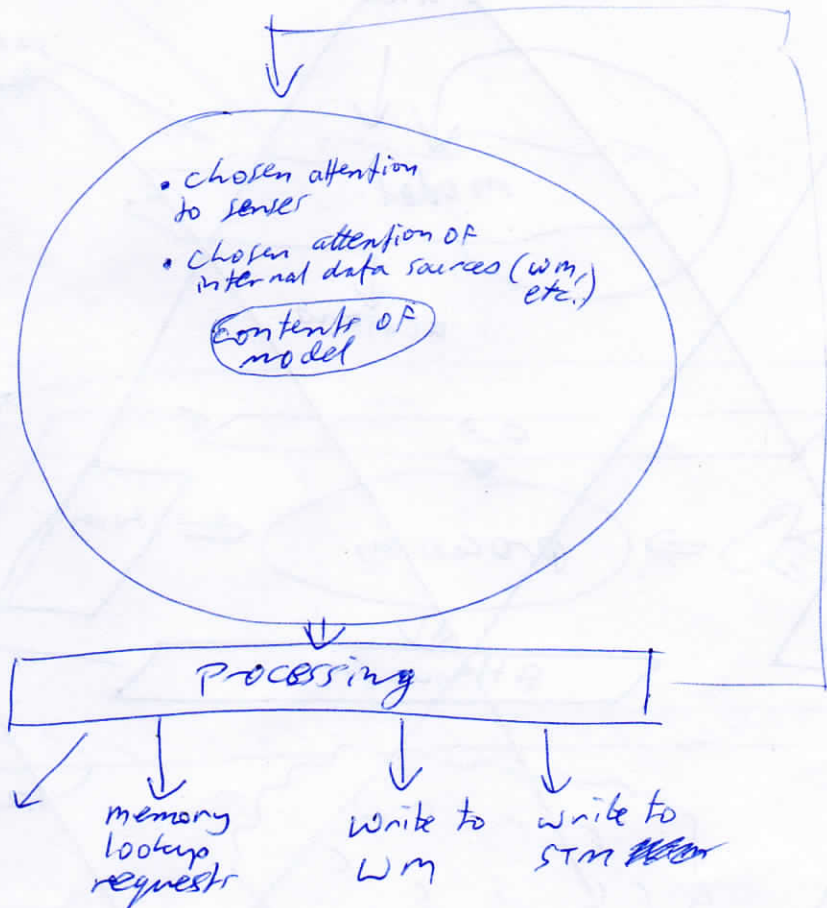
So what would this 'feel' like without that baggage of socially constructed modelling?

I believe that ~~recall~~ memory fetches occur in the background w/o direct creative control. And that we simply 'learn' over time how to work with its particular behaviours. (that learning would be represented in our mind schema).

I posit that the act of recall will ~~be~~ at first be a strange & unpredictable experience for the infant. Recall will "just happen" without intent. Gradually the individual will learn that associated thoughts can sometimes appear ~~to~~ based on the thoughts they ~~are having~~ have actively arrived at. ~~As they will learn to~~ drive ~~the~~ ~~by~~ ~~the~~ ~~realizing~~ realize that they need to form the thought in a particular way for recall to happen. Metaphorically, to "hold their tongue in the right way".

The association to the word "remember" comes later as the infant learns language, and through observation of others recognise the association between their experience and how those around them refer to that phenomena.

processing



## Varying Resolutions

- Different things have diff. ~~these~~ resolutions in model.  
↳ my desire to move my hand ~~include~~ has high detail about which finger & arm twist I want to do, and yet my concept of how I represent that is so vague.
- ↳ My inner voice is detailed
- ↳ my I represent mathematical workings with accurate & visceral detail.

## Varying Processing Apertures

- Am I ~~able~~ to think about any input data as equal, or are there ~~the~~ data streams that are deprioritized & thus hard to think about?  
eg: most meta is meta-thought limited?