Internal Sim Flowchart

Wednesday, January 22, 2020   3:20 PM

Sim Controller

- Start Sim
- Init.
- Sim done? → Yes → Done
- No
- Execute module step
- Increment Step
- Execute bus step

NYI
- Scripted events
- Respond to commands

CSP Bus

- Is a packet being transmitted right now? → Yes → Priority Interrupt?
- No
- Is there a packet in the queue? → Yes → Begin transmitting next packet → Is the dest. address valid? → Yes → Transmit 1 step of packet data
- No → End of Process Step
- No → Invalid Destination warning
- Module receives the packet if it's fully transmitted

- Partially transmitted
- Remaining part is next in queue