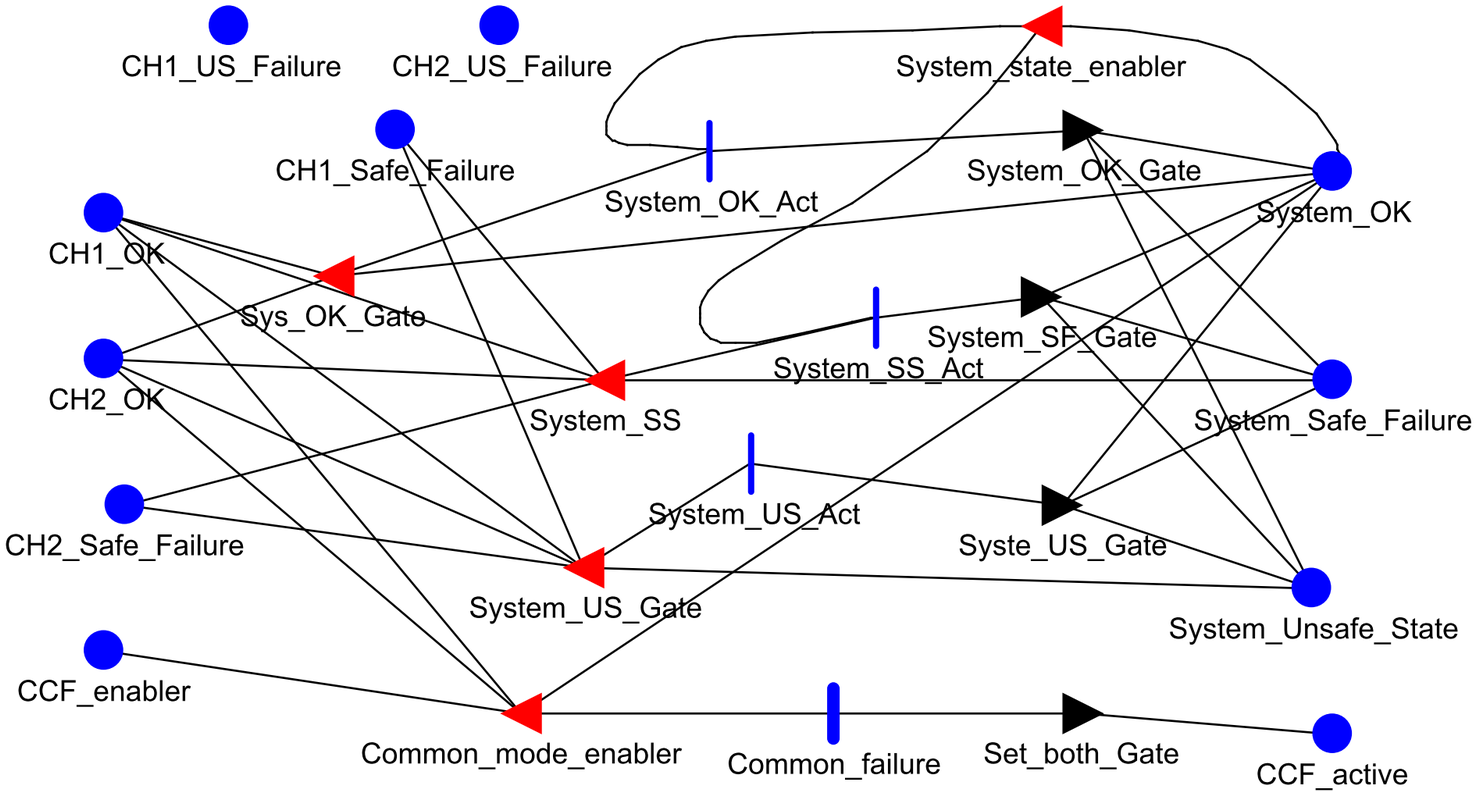

Specs: This component adjudicates the outputs from the channels and sets the system state:
- if both channels are OK and the system is not OK, then the system state is set to OK.
- if both channels a in fail_safe state (i.e. self-checking channels are implied) and the system is not in safe fail state, then the system state is set to fail safe.
- if both channls are neither OK nor fail safe (i.e. by implication are in unsafe states) aqnd the system state is not unsafe failure, then the system state is set to unsafe failure.

Old staff:
- primary/backup - the primary has a checker which would trigger switching to the backup.
- 1-out-of-2 system: both channels execute the processing and the outputs are compared.
 - in this case what happens with incorrect output? Are they always assumed to be different?
- etc.

The fragment at the bottom (CCF_enabler, etc.) models simultaneous failures (Marshall/Olkin model). Would have been better to use synchronised activities, but failed to understand (11/04/2014) how to put in a single model both REP/JOIN and synchronised activities.