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sc interface
sc_core::sc_csp_channel
       _out_if < T >
+ write()
+ write test()
+ register alt()
+ get_alt_event()
# sc_csp_channel_out_if()
  sc csp channel < T >
 + id
 + w_id
 + r id
 + width
 + num
 + IPC
 + waiting_time
 + working_time
 + partial energy
 + working_energy
 + tcomm
 + tacomm
 + physical_width
 # ready_to_read_event
 # ready_to_write_event
 # ready_alt_event
# ready_to_read
# ready_to_write
 # enable_alt_events
# csp_buf
 # m reader
 # m writer
 + sc_csp_channel()
 + register_port()
 + read()
 + read()
 + write()
 + read_test()
 + write test()
 + register_alt()
 + get_alt_event()
 + operator T()
 + operator=()
 + trace()
 + kind()
 # init()
```