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sc interface
sc_core::sc_csp_channel
_in_if< T >
+ read()
+ read()
+ read test()
+ register_alt()
+ get_alt_event()
# sc_csp_channel_in if()
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 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()
```