SERIAL COUPLING		PARALLEL COUPLING	
F	**S**	**F**	**S**
initialize()	**initialize()**	**initialize()**	**initialize()**
data::initialize →_hasToReceiveData	data::initialize →_hasToSendData	data::initialize →_hasToReceiveData, →_hasToSendData	data::initialize →_hasToReceiveData, →_hasToSendData
	if(_hasToSendData) requireAction(WID)	if(_hasToSendData) requireAction(WID)	if(_hasToSendData) requireAction(WID)
	if(!_hasToSendData) receive data		
	if(actionRequired(WID)) write data to precice fulfilledAction(WID)	if(actionRequired(WID)) write data to precice fulfilledAction(WID)	if(actionRequired(WID)) write data to precice fulfilledAction(WID)
initializeData()	**initializeData()**	**initializeData()**	**initializeData()**
if(_hasToReceiveData) receive data	if(_hasToSendData) send data	if(_hasToSendData) send data	if(_hasToReceiveData) receive data
	if(_hasToSendData) receive data	if(_hasToReceiveData) receive data	if(_hasToSendData) send data
calculate	calculate	calculate	calculate
advance()	**advance()**	**advance()**	**advance()**
send data	measure convergence	send data	receive data
receive data	post processing	receive data	measure convergence
	send data		post processing
	receive data		send data