sw902e12.csp

<< interface >>
Connection

+ *read(timeout : int) : Packet*
+ *send(packet : Packet)*
+ *close()*

<< interface >>
Socket

+ *accept(timeout : int) : Connection*
+ *close()*

<< interface >>
Packet

+ *readContent() : int*
+ *setContent(data : int)*

CSPManager

+ <u>TIMEOUT_NONE</u> : byte
+ <u>TIMEOUT_SINGLE_ATTEMPT</u> : byte
+ <u>ADDRESS_BROADCAST</u> : byte
+ <u>PORT_ANY</u> : byte
- nodeAddress
- outgoingPorts
- resourcePool : ResourcePool
- routingHandler : RoutingHandler
- routingHandlerPeriodicParameters : PeriodicParameters
- routingHandlerStorageParameters : StorageParameters
- routingHandlerPriorityParameters : PriorityParameters

+ init(nodeAddress : int)
- initializeRoutingHandlerParameters()
+ startRoutingHandler()
+ initPools()
+ initPools(socketsCapacity : int,
    connectionsPerSocketCapacity : int,
    connectionsCapacity : int,
    packetsPerConnectionCapacity : int,
    packetsCapacity : int)
+ routeSet(nodeAddress : int, protocol : IMACProtocol,
nextHopMacAddress : int)
+ createSocket(port : int, options : Object) : Socket
- findUnusedOutgoingPort() : byte
+ createPacket() : Packet
+ createConnection(address : int, port : int, timeout : int,
options : Object) : Connection