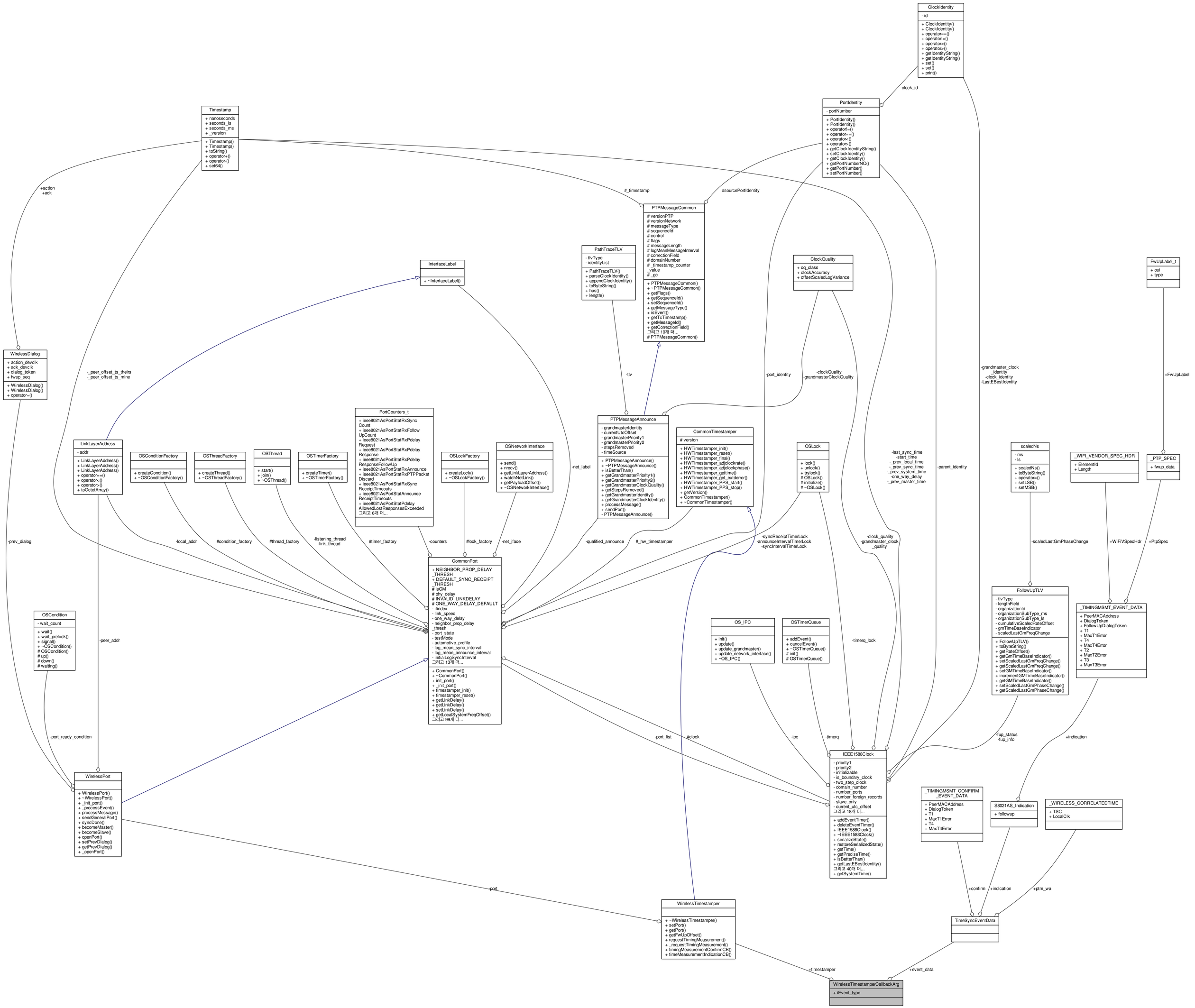
ClockIdentity
- id
+ ClockIdentity()
+ ClockIdentity()
+ operator==()
+ operator!=()
+ operator<()
+ operator>()
+ getIdentityString()
+ getIdentityString()
+ set()
+ set()
+ print()
-clock_id
PortIdentity
- portNumber
+ PortIdentity()
+ PortIdentity()
+ operator!=()
+ operator==()
+ operator<()
+ operator>()
+ getClockIdentityString()
+ setClockIdentity()
+ getClockIdentity()
+ getPortNumberNO()
+ getPortNumber()
+ setPortNumber()
Timestamp
+ nanoseconds
+ seconds_ls
+ seconds_ms
+ _version
+ Timestamp()
+ Timestamp()
+ toString()
+ operator+()
+ operator-()
+ set64()
+action
+ack
#_timestamp
#sourcePortIdentity
PTPMessageCommon
versionPTP
versionNetwork
messageType
sequenceId
control
flags
messageLength
logMeanMessageInterval
correctionField
domainNumber
_timestamp_counter
_value
_gc
+ PTPMessageCommon()
+ ~PTPMessageCommon()
+ getFlags()
+ getSequenceId()
+ setSequenceId()
+ getMessageType()
+ isEvent()
+ getTxTimestamp()
+ getMessageId()
+ getCorrectionField()
그리고 10개 더...
PTPMessageCommon()
PathTraceTLV
- tlvType
- identityList
+ PathTraceTLV()
+ parseClockIdentity()
+ appendClockIdentity()
+ toByteString()
+ has()
+ length()
InterfaceLabel
+ ~InterfaceLabel()
ClockQuality
+ cq_class
+ clockAccuracy
+ offsetScaledLogVariance
FwUpLabel_t
+ oui
+ type
WirelessDialog
+ action_devclk
+ ack_devclk
+ dialog_token
+ fwup_seq
+ WirelessDialog()
+ WirelessDialog()
+ operator=()
-_peer_offset_ts_theirs
-_peer_offset_ts_mine
-tlv
-port_identity
-clockQuality
-grandmasterClockQuality
-grandmaster_clock
_identity
-clock_identity
-LastEBestIdentity
+FwUpLabel
LinkLayerAddress
- addr
+ LinkLayerAddress()
+ LinkLayerAddress()
+ LinkLayerAddress()
+ operator==()
+ operator<()
+ operator>()
+ toOctetArray()
OSConditionFactory
+ createCondition()
+ ~OSConditionFactory()
OSThreadFactory
+ createThread()
+ ~OSThreadFactory()
OSThread
+ start()
+ join()
+ ~OSThread()
OSTimerFactory
+ createTimer()
+ ~OSTimerFactory()
PortCounters_t
+ ieee8021AsPortStatRxSyncCount
+ ieee8021AsPortStatRxFollowUpCount
+ ieee8021AsPortStatRxPdelayRequest
+ ieee8021AsPortStatRxPdelayResponse
+ ieee8021AsPortStatRxPdelayResponseFollowUp
+ ieee8021AsPortStatRxAnnounce
+ ieee8021AsPortStatRxPTPPacketDiscard
+ ieee8021AsPortStatRxSyncReceiptTimeouts
+ ieee8021AsPortStatAnnounceReceiptTimeouts
+ ieee8021AsPortStatPdelayAllowedLostResponsesExceeded
그리고 6개 더...
OSLockFactory
+ createLock()
+ ~OSLockFactory()
OSNetworkInterface
+ send()
+ nrecv()
+ getLinkLayerAddress()
+ watchNetLink()
+ getPayloadOffset()
+ ~OSNetworkInterface()
-net_label
PTPMessageAnnounce
- grandmasterIdentity
- currentUtcOffset
- grandmasterPriority1
- grandmasterPriority2
- stepsRemoved
- timeSource
+ PTPMessageAnnounce()
+ ~PTPMessageAnnounce()
+ isBetterThan()
+ getGrandmasterPriority1()
+ getGrandmasterPriority2()
+ getGrandmasterClockQuality()
+ getStepsRemoved()
+ getGrandmasterIdentity()
+ getGrandmasterClockIdentity()
+ processMessage()
+ sendPort()
- PTPMessageAnnounce()
CommonTimestamper
version
+ HWTimestamper_init()
+ HWTimestamper_reset()
+ HWTimestamper_final()
+ HWTimestamper_adjclockrate()
+ HWTimestamper_adjclockphase()
+ HWTimestamper_gettime()
+ HWTimestamper_get_extderror()
+ HWTimestamper_PPS_start()
+ HWTimestamper_PPS_stop()
+ getVersion()
+ CommonTimestamper()
+ ~CommonTimestamper()
OSLock
+ lock()
+ unlock()
+ trylock()
# OSLock()
# initialize()
# ~OSLock()
-last_sync_time
-start_time
-_prev_local_time
-_prev_sync_time
-_prev_system_time
-one_way_delay
-_prev_master_time
-parent_identity
scaledNs
- ms
- ls
+ scaledNs()
+ toByteString()
+ operator=()
+ setLSB()
+ setMSB()
_WIFI_VENDOR_SPEC_HDR
+ ElementId
+ Length
_PTP_SPEC
+ fwup_data
-prev_dialog
-local_addr
#condition_factory
#thread_factory
-listening_thread
-link_thread
#timer_factory
-counters
#lock_factory
-net_iface
-qualified_announce
#_hw_timestamper
-syncReceiptTimerLock
-announceIntervalTimerLock
-syncIntervalTimerLock
-clock_quality
-grandmaster_clock
_quality
-scaledLastGmPhaseChange
+WiFiVSpecHdr
+PtpSpec
CommonPort
+ NEIGHBOR_PROP_DELAY_THRESH
+ DEFAULT_SYNC_RECEIPT_THRESH
# isGM
# phy_delay
# INVALID_LINKDELAY
# ONE_WAY_DELAY_DEFAULT
- ifindex
- link_speed
- one_way_delay
- neighbor_prop_delay
_thresh
- port_state
- testMode
- automotive_profile
- log_mean_sync_interval
- log_mean_announce_interval
- initialLogSyncInterval
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+ CommonPort()
+ ~CommonPort()
+ init_port()
+ _init_port()
+ timestamper_init()
+ timestamper_reset()
+ getLinkDelay()
+ getLinkDelay()
+ setLinkDelay()
+ getLocalSystemFreqOffset()
그리고 99개 더...
FollowUpTLV
- tlvType
- lengthField
- organizationId
- organizationSubType_ms
- organizationSubType_ls
- cumulativeScaledRateOffset
- gmTimeBaseIndicator
- scaledLastGmFreqChange
+ FollowUpTLV()
+ toByteString()
+ getRateOffset()
+ getGmTimeBaseIndicator()
+ setScaledLastGmFreqChange()
+ getScaledLastGmFreqChange()
+ setGMTimeBaseIndicator()
+ incrementGMTimeBaseIndicator()
+ getGMTimeBaseIndicator()
+ setScaledLastGmPhaseChange()
+ getScaledLastGmPhaseChange()
_TIMINGMSMT_EVENT_DATA
+ PeerMACAddress
+ DialogToken
+ FollowUpDialogToken
+ T1
+ MaxT1Error
+ T4
+ MaxT4Error
+ T2
+ MaxT2Error
+ T3
+ MaxT3Error
OSCondition
- wait_count
+ wait()
+ wait_prelock()
+ signal()
+ ~OSCondition()
# OSCondition()
# up()
# down()
# waiting()
-peer_addr
OS_IPC
+ init()
+ update()
+ update_grandmaster()
+ update_network_interface()
+ ~OS_IPC()
OSTimerQueue
+ addEvent()
+ cancelEvent()
+ ~OSTimerQueue()
# init()
# OSTimerQueue()
-timerq_lock
-port_ready_condition
-port_list
#clock
-ipc
-timerq
-fup_status
-fup_info
+indication
IEEE1588Clock
- priority1
- priority2
- initializable
- is_boundary_clock
- two_step_clock
- domain_number
- number_ports
- number_foreign_records
- slave_only
- current_utc_offset
그리고 18개 더...
+ addEventTimer()
+ deleteEventTimer()
+ IEEE1588Clock()
+ ~IEEE1588Clock()
+ serializeState()
+ restoreSerializedState()
+ getTime()
+ getPreciseTime()
+ isBetterThan()
+ getLastEBestIdentity()
그리고 40개 더...
+ getSystemTime()
_TIMINGMSMT_CONFIRM_EVENT_DATA
+ PeerMACAddress
+ DialogToken
+ T1
+ MaxT1Error
+ T4
+ MaxT4Error
S8021AS_Indication
+ followup
_WIRELESS_CORRELATEDTIME
+ TSC
+ LocalClk
WirelessPort
+ WirelessPort()
+ ~WirelessPort()
+ _init_port()
+ _processEvent()
+ processMessage()
+ sendGeneralPort()
+ syncDone()
+ becomeMaster()
+ becomeSlave()
+ openPort()
+ setPrevDialog()
+ getPrevDialog()
+ _openPort()
+confirm
+indication
+ptm_wa
-port
WirelessTimestamper
+ ~WirelessTimestamper()
+ setPort()
+ getPort()
+ getFwUpOffset()
+ requestTimingMeasurement()
+ _requestTimingMeasurement()
+ timingMeasurementConfirmCB()
+ timeMeasurementIndicationCB()
TimeSyncEventData
+timestamper
+event_data
WirelessTimestamperCallbackArg
+ iEvent_type