

```

    {smacc::ISmaccClient
    |# components_
    - stateMachine_
    - orthogonal_
    |+ ISmaccClient()
    + ~ISmaccClient()
    + initialize()
    + getName()
    + postEvent()
    + postEvent()
    + getComponent()
    + getComponent()
    + getType()
    + getStateMachine()
    + connectSignal()
    + requiresClient()
    + getComponents()
    # onOrthogonalAllocation()
    # createComponent()
    # createNamedComponent()
    # setStateMachine()
    # setOrthogonal()
    }

```



```

{cl_microstrain_mips
  ::CImicrostrainMips
|+ nodeName_
+ imuSubscriber
+ imuFilteredSubscriber
+ statusSubscriber
# nh_
# initialized_
# resetFilterSrv
# deviceReportSrv
# gyroBiasCaptureSrv
# setSoftIronMatrixSrv
# setComplementaryFilterSrv
# setFilterEulerSrv
# setFilterHeadingSrv
# setAccelBiasModelSrv
# setAccelAdaptiveValsSrv
# setSensorVehicleFrameTransSrv
# setSensorVehicleFrameOffsetSrv
# setAccelBiasSrv
# setGyroBiasSrv
# setHardIronValuesSrv
# getAccelBiasSrv
# getGyroBiasSrv
# getHardIronValuesSrv
# getSoftIronMatrixSrv
# getSensorVehicleFrameTransSrv
# getComplementaryFilterSrv
# setReferencePositionSrv
# getReferencePositionSrv
# setConingScullingCompSrv
# getConingScullingCompSrv
# setEstimationControlFlagsSrv
# getEstimationControlFlagsSrv
# setDynamicsModeSrv
# getBasicStatusSrv
# getDiagnosticReportSrv
# setZeroAngleUpdateThresholdSrv
# getZeroAngleUpdateThresholdSrv
# setTareOrientationSrv
# setAccelNoiseSrv
# getAccelNoiseSrv
# setGyroNoiseSrv
# getGyroNoiseSrv
# setMagNoiseSrv
# getMagNoiseSrv
# setGyroBiasModelSrv
# getGyroBiasModelSrv
# getAccelAdaptiveValsSrv
# setMagAdaptiveValsSrv
# getMagAdaptiveValsSrv
# setMagDipAdaptiveValsSrv
# getAccelBiasModelSrv
# getMagDipAdaptiveValsSrv
# getSensorVehicleFrameOffsetSrv
# getDynamicsModeSrv
|+ CImicrostrainMips()
+ initialize()
+ onOrthogonalAllocation()
+ resetFilter()
+ deviceReport()
+ gyroBiasCapture()
+ setSoftIronMatrix()
+ setComplementaryFilter()
+ setFilterEulerService()
+ setFilterHeading()
+ setAccelBiasModel()
+ setAccelAdaptiveVals()
+ setSensorVehicleFrameTrans()
+ setSensorVehicleFrameOffset()
+ setAccelBias()
+ setGyroBias()
+ setHardIronValues()
+ getAccelBias()
+ getGyroBias()
+ getHardIronValues()
+ getSoftIronMatrix()
+ getSensorVehicleFrameTrans()
+ getComplementaryFilter()
+ setReferencePosition()
+ getReferencePosition()
+ setConingScullingComp()
+ getConingScullingComp()
+ setEstimationControlFlags()
+ getEstimationControlFlags()
+ setDynamicsMode()
+ getBasicStatus()
+ getDiagnosticReport()
+ setZeroAngleUpdateThreshold()
+ getZeroAngleUpdateThreshold()
+ setTareOrientation()
+ setAccelNoise()
+ getAccelNoise()
+ setGyroNoise()
+ getGyroNoise()
+ setMagNoise()
+ getMagNoise()
+ setGyroBiasModel()
+ getGyroBiasModel()
+ getAccelAdaptiveVals()
+ setMagAdaptiveVals()
+ getMagAdaptiveVals()
+ setMagDipAdaptiveVals()
+ getAccelBiasModel()
+ getMagDipAdaptiveVals()
+ getSensorVehicleFrameOffset()
+ getDynamicsMode()
}

```