Adapter C37::ServerUDP

- _configDeviations: ConfigDeviationsInWithin60ms
- _dataForTIIS: List<ConfigurationRedonePmuData>
- _listeningSocket: Socket
- _localPort: int
- _previousRedoneConfig: ConfigurationRedonePmuData

- AddNewFrameInList(List<ConfigurationRedonePmuData>, ConfigurationRedonePmuData): List<ConfigurationRedonePmuData>
- Close()
- ControlActionsSelect(List<ConfigurationRedonePmuData>, Tuple<List<float>, List<float>>)
- DetectDisturbance(ConfigurationFrame): boolean
- GetActualConfig(ConfigurationFrame, ConfigurationRedonePmuData): ConfigurationRedonePmuData
- GetFirstConfig(ConfigurationFrame): ConfigurationRedonePmuData
- GetFrameWithoutGenerators(ConfigurationRedonePmuData): ConfigurationRedonePmuData
- GetFrameWithoutNodes(ConfigurationRedonePmuData): ConfigurationRedonePmuData
- Main()

ConfigDeviationsInWithin60ms

- DEVIATIONSLISTSCOUNT: int

- + AddNewDevList(List<DeviationsList>, DeviationsList): List<DeviationsList>
- ChangeParametersDeviationsLists(List<DeviationsList>): List<DeviationsList>
- + ConfigDeviationsInWithin60ms(DeviationsList)

ConfigurationRedonePmuData

- + Data: List<RedonePmuData>
- + Time: float

- + ConfigurationRedonePmuData()
- + ConfigurationRedonePmuData(List<RedonePmuData>, float)

DeviationsList

- + CenterOfInertia: float
- + DevList: List<PMUsDeviation>
- + Time: DateTime

- + DeviationsList(ConfigurationFrame)
- + GetCenterOfInertia(HashSet<PMU>): float
- + GetDevList(HashSet<PMU>, float): List<PMUsDeviation>

RedonePmuData

- + IDCode: float
- + Power: float
- + VoltageMagnitude: float
- + VoltagePhase: float

- + RedonePmuData(float, float, float)
- + RedonePmuData(float, float, float, float)

FindingGroupsCoherentGenerators

- + GetGroupsCoherentGenerators(List<PMUsDeviation>): Tuple<List<int>, List<int>>

PMUsDeviation

- + AccumulatedDeviation: float
- + DeltaRelativeToPreviousValue: float
- + DeviationFromCOI: float
- + PMUsIDCode: int

- + PMUsDeviation(int, float)
- + PMUsDeviation(int, float, float, float): int

DetectionOfFault

- MAXACCUMULATEDDEVIATION: int

- + DetectFault(List<PMUsDeviation>): boolean

«use»