TopologyAnalyzer

- + TopologyAnalyzer()
- + QMap< QString, QStringList
 > inferDeviceConnections
 (const QList
 HostInfo
 &hosts)
- + QMap< int, QStringList
 > analyzeTTLLayers(const QList< HostInfo > &hosts)
- + QMap< QString, QStringList> analyzeSubnets(constQList< HostInfo > &hosts)
- + QList< QStringList
 > clusterDevicesByResponse
 Time(const QList< HostInfo
 > &hosts)
- + int getTTLValue(const QString &ipAddress)
- + QStringList performTrace Route(const QString &targetIP)
- + QString calculateSubnet (const QString &ip, int prefixLength=24)
- + bool inSameSubnet(const QString &ip1, const QString &ip2, int prefixLength=24)

-m_analyzer

NetworkTopologyView

- QGraphicsScene * m scene
- QMap< QString, DeviceNode
 - * > m_nodes

QGraphicsView

- QList< ConnectionLine* > m connections
- + NetworkTopologyView (QWidget *parent=nullptr)
- + void setHosts(const QList< HostInfo > &hosts)
- + void clear()
- + void autoLayout()
- + void hierarchicalLayout (const QMap< int, QStringList > &layers)
- + void groupedLayout (const QMap< QString, QStringList > &groups)
- DeviceType determineDevice Type(const HostInfo &host)