ScanStrategy

- ScanMode m_mode
- QMap< QString, int > m_hostResponseTimes
- + ScanStrategy(ScanMode mode=STANDARD_SCAN)
- + QList< int > getPortsToScan () const
- + int getScanTimeout (const QString &ip) const
- + int getMaxParallelTasks
- () const
- void updateHostResponseTime (const QString &ip, int responseTime)
- + ScanMode getMode() const
- + void setMode(ScanMode mode)

-m_scanStrategy

NetworkScanner

bool m_isScanning

QObject

- int m_scannedHosts
- int m_totalHosts
- int m_scanTimeout
- bool m_useCustomRange QHostAddress m_startIPRange
- QHostAddress m_endIPRange
- QList< int > m_portsToScan
- QList< HostInfo > m
- _scannedHostsList
- QMutex m mutex
- QList< QFuture< void
- >> m_scanFutures QThreadPool m_threadPool
- QMap< QString, QString
- > m_macAddressCache
- QList< QHostAddress
- > m_activeHosts
- + NetworkScanner(QObject
- *parent=nullptr)
- + ~NetworkScanner() + void setCustomPortsToScan
- (const QList< int > &ports)
- + void setScanTimeout (int msecs)
- + void setCustomIPRange (const QString &startIP
- const QString &endIP)
- + void setScanStrategy (ScanStrategy::ScanMode mode)
- + QList< HostInfo > getScanned
- Hosts() const
- + void saveResultsToFile (const QString &filename)

const

- + void startScan()
- + void stopScan() 和 9 更多...
- void onScan laskFinished
- (const HostInfo &hostInfo)
- + void updateScanProgress()
- + void onHostNameLookedUp (const QHostInfo &hostInfo)
- QList< QHostAddress
- > getLocalNetworkAddresses()
- QString normalizeMacAddress (const QString &macAddress) bool pingTargetWithTimeout
- (const QString &ip, int timeout)
- QString getMacAddressFrom SystemCalls(const QString &ip)
- QList< QPair< QHostAddress, QString > > performARPScan() void scanHostPorts
- (HostInfo &hostInfo) QList< QHostAddress
- > getAddressesToScan() void processScanResults()
- static bool executeProcess (const QString &program, const QStringList &args, QString &stdOutOutput, QString &stdErrOutput, int startTimeout =2000, int finishTimeout=5000)