

## DeviceAnalyzer - int m totalHosts

- int m\_reachableHosts

QChart \* m\_deviceTypeChartQPieSeries \* m\_deviceType

Series

QChart \* m\_portDistribution

Chart

QBarSeries \* m\_portSeries

QChart \* m\_vendorDistribution Chart

- QPieSeries \* m\_vendorSeries+ DeviceAnalyzer(QWidget

+ DeviceAnalyzer(QWidget \*parent=nullptr)

+ void analyzeHosts(const QList< HostInfo > &hosts)

+ void clear()
+ int getTotalHostsCount

+ int getTotalHostsCount
() const
+ int getReachableHostsCount

+ Int getHeachableHostsCount() const+ int getUnreachableHostsCount() const

+ QChart \* getDeviceTypeChart
 () const
 + QChart \* getPortDistribution
 Chart() const

 + QChart \* getVendorDistribution Chart() const
 + QString generateSecurity Report(const QList< HostInfo</li>

Report(const QList< HostInfo > &hosts)

- void createDeviceTypeChart()

 void createDeviceTypeChart()
 void createPortDistribution Chart()
 void createVendorDistribution Chart()

void createVendorDistribution
Chart()

QString determineDeviceType
(const HostInfo &host)