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2. Getting System Information

Qt itself does **not** provide CPU/RAM usage directly.

You'll need to use **platform APIs** or libraries like:

- **Windows:** `GetSystemTimes`, `GlobalMemoryStatusEx`
- **Linux:** Read `/proc/stat`, `/proc/meminfo`
- **Cross-platform:** Use libraries like `QSysInfo` ↗ (for static info) + OS-specific parsing for dynamic usage.

Example: Reading CPU usage (Linux)

cpp

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```
#include <fstream>
#include <string>
#include <sstream>
#include <QTimer>
#include <QLabel>

class CpuMonitor : public QLabel {
    Q_OBJECT
public:
    CpuMonitor(QWidget *parent = nullptr) : QLabel(parent) {
        timer = new QTimer(this);
        connect(timer, &QTimer::timeout, this, &CpuMonitor::updateCpuUsage);
        timer->start(1000); // every second
    }

private slots:
    void updateCpuUsage() {
```



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ChatGPT can make mistakes. Check important info.