

QSettings settings("PMK","Lab");

setValue()

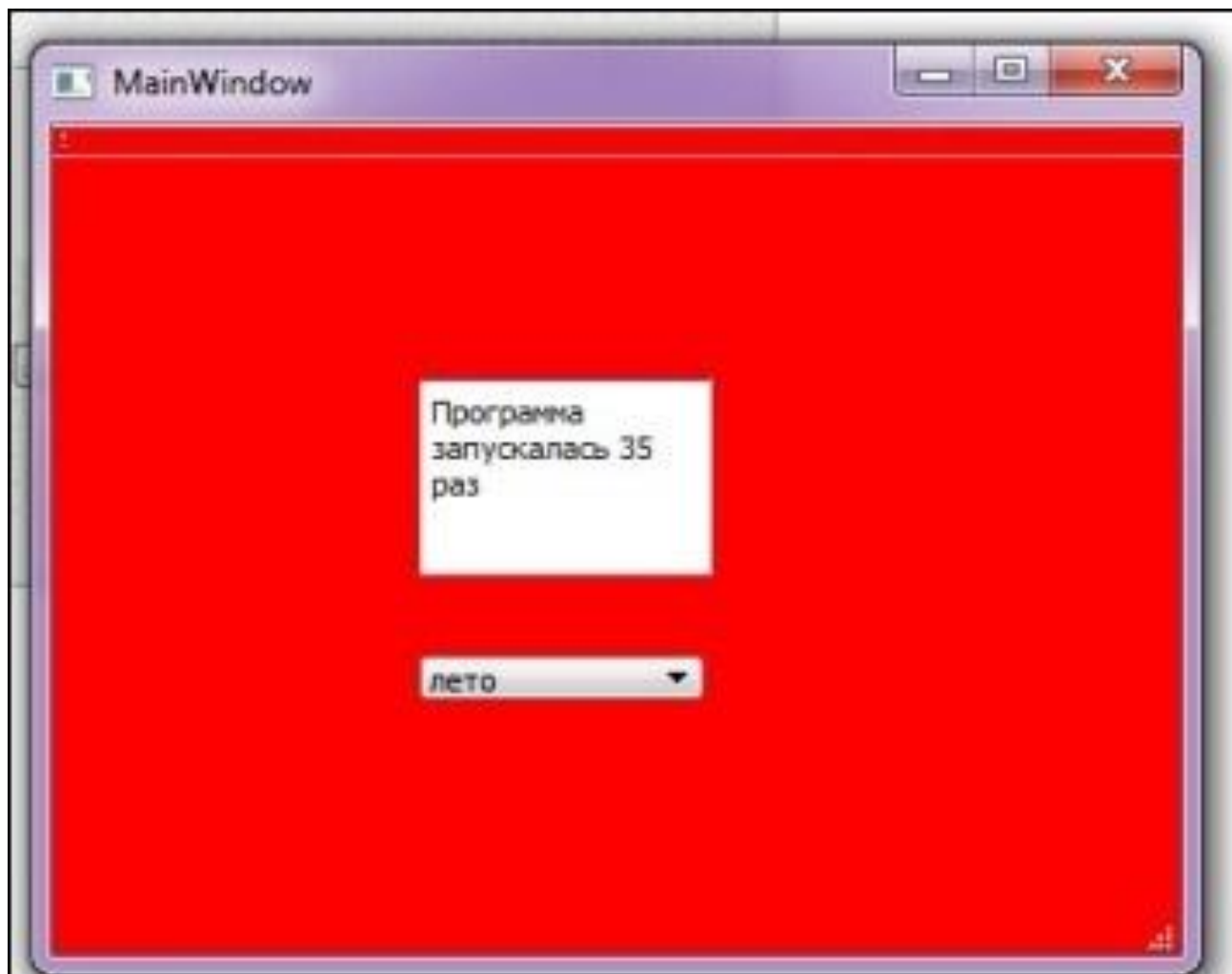
bool, double, int, QString, QRect, QImage, ...

```
settings.setValue("key1","val1"); //строка  
settings.setValue("key2",3543); //число
```

value()  **QVariant**

```
Int K = settings.value("val1",0).toInt();
```

```
settings.remove("val1");
```



```
public:
    explicit MainWindow(QWidget *parent = 0);
    ~MainWindow();
    void writeSet();
    void readSet();

private slots:
    void on_comboBox_currentIndexChanged(int index);

private:
    Ui::MainWindow *ui;
    QSettings My_set;
    int K;
    QString path="C:\\Qt\\MyProjects\\1\\untitled\\";
```

```
4 #include <QString>
5 #include <QStyle>
6 #include <QString>
7 #include <QFile>
8
9 MainWindow::MainWindow(QWidget *parent) :
10     QMainWindow(parent),
11     ui(new Ui::MainWindow), My_set("pmk", "lab")
12 {
13     ui->setupUi(this);
14     readSet();
15
16 }
```

```
24 void MainWindow::readSet() {
25     My_set.beginGroup("/Set");
26     int St = My_set.value("/Color",3).toInt();
27     K = My_set.value("/Count",1).toInt();
28     K++;
29     QString st = QString().setNum(K);
30     ui->textEdit->setText("Программа запускалась " + st + " раз");
31     ui->comboBox->setCurrentIndex(St);
32     My_set.endGroup();
33
34 }
```

```
2  ▲ MainWindow::~MainWindow()
3  {
4      writeSet();
5      delete ui;
6  }
7
8
9  ▲ void MainWindow::writeSet() {
10     My_set.beginGroup("/Set");
11     My_set.setValue("/Color", ui->comboBox->currentIndex());
12     My_set.setValue("/Count", K);
13     My_set.endGroup();
14 }
```

```
45
46 void MainWindow::on_comboBox_currentIndexChanged(int index)
47 {
48
49     QString S = path+QString().setNum(index)+".qss";
50     QFile file(S);
51     file.open(QFile::ReadOnly);
52     QString strCSS = QLatin1String(file.readAll());
53     setStyleSheet(strCSS);
54
55
56 }
```


System Tray

QSystemTrayIcon

setIcon()

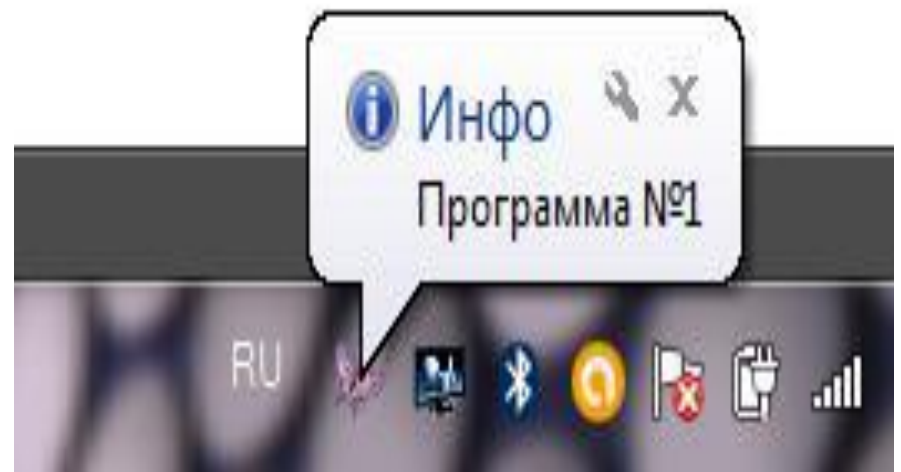
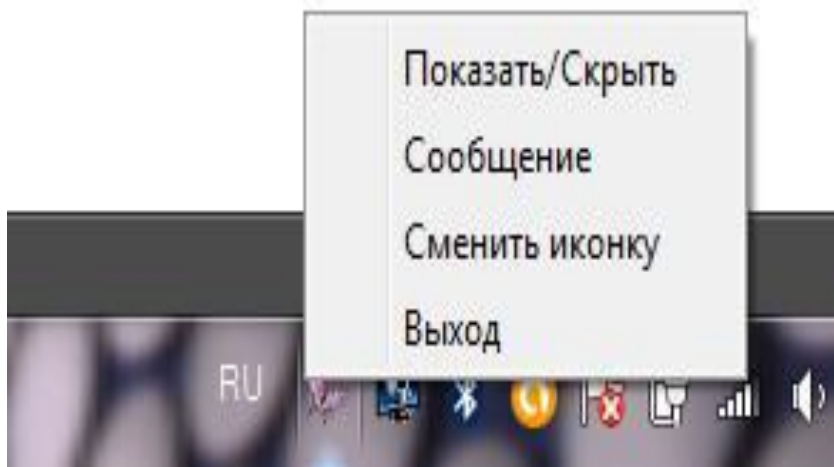
show()

showMessage()

setToolTip()

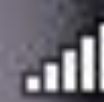
setContextMenu()

```
QSystemTrayIcon st;  
    QIcon icon("C:/Qt/MyProgects/2/s.png");  
    st.setIcon(icon);  
    st.show();
```



Всплывающая подсказка

RU



```
5
6 int main(int argc, char *argv[])
7 {
8     QApplication a(argc, argv);
9     MainWindow w;
10    QApplication::setQuitOnLastWindowClosed(false);
11    return a.exec();
12 }
```

```
1  #ifndef MAINWINDOW_H
2  #define MAINWINDOW_H
3
4  #include <QMainWindow>
5  #include <QSystemTrayIcon>
6
7
8  namespace Ui {
9  class MainWindow;
10 }
11
12 class MainWindow : public QMainWindow
13 {
14     Q_OBJECT
15     private:
16     QSystemTrayIcon* micon;
17     QMenu* men;
18     bool sw;
```

```
--  
21 protected:  
22 virtual void closeEvent(QCloseEvent*);  
23  
24 public:  
25     explicit MainWindow(QWidget *parent = 0);  
26     ~MainWindow();  
27  
28 public slots:  
29 void slotSH();  
30 void slotSM();  
31 void slotCI();  
32  
33 private:  
34     Ui::MainWindow *ui;  
35 };  
36  
37 #endif // MAINWINDOW_H
```

```
1 #include "mainwindow.h"
2 #include "ui_mainwindow.h"
3
4 #include "QSystemTrayIcon"
5 #include "QAction"
6 #include "QMenu"
7
8 MainWindow::MainWindow(QWidget *parent) :
9     QMainWindow(parent),
10     ui(new Ui::MainWindow)
11 {
12     setWindowTitle("Приложение");
13
14     QAction* ShowHide= new QAction("Показать/Скрыть", this);
15     connect>ShowHide, SIGNAL(triggered()),this, SLOT(slotSH());
16
17     QAction* ShowMessage= new QAction("Сообщение", this);
18     connect>ShowMessage, SIGNAL(triggered()),this, SLOT(slotSM());
19
20     QAction* ChIcon= new QAction("Сменить иконку", this);
21     connect>ChIcon, SIGNAL(triggered()),this, SLOT(slotCI());
22
23     QAction* Ext= new QAction("Выход", this);
24     connect>Ext, SIGNAL(triggered()),qApp, SLOT(quit());
25
```



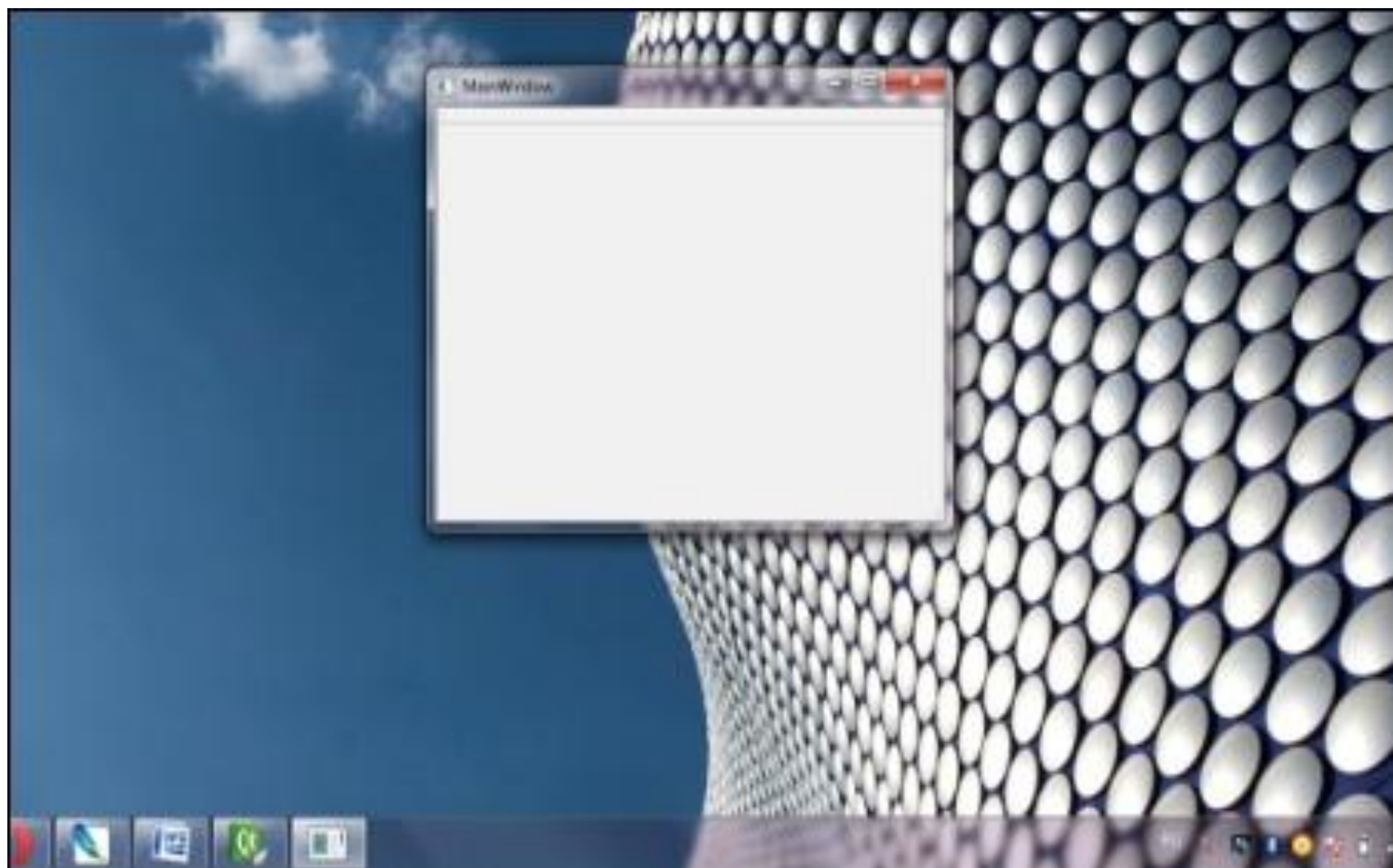
```
25
26     men= new QMenu(this);
27     men->addAction(ShowHide);
28     men->addAction(ShowMessage);
29     men->addAction(ChIcon);
30     men->addAction(Ext);
31
32
33     micon= new QSystemTrayIcon(this);
34     micon->setContextMenu(men);
35     micon->setToolTip("Всплывающая подсказка");
36
37     slotCI();
38     micon->show();
39
40     ui->setupUi(this);
41 }
```

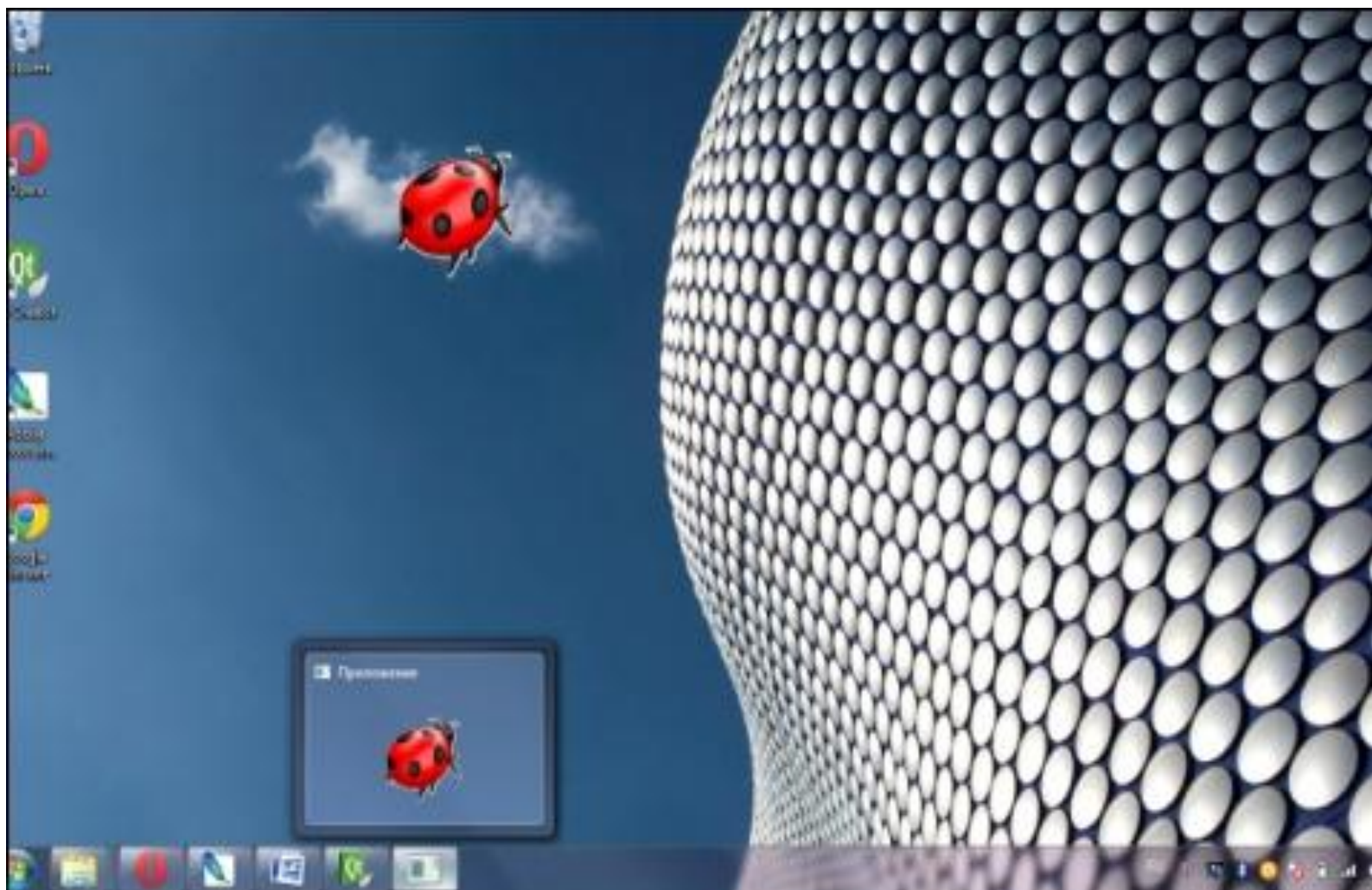
```
18 void MainWindow::closeEvent(QCloseEvent *parent)
19 {
20     if(micon->isVisible()) {hide();}
21 }
```

```
53 void MainWindow::slotSH()  
54 {  
55     setVisible(!isVisible());  
56 }
```

```
7  
8 void MainWindow::slotSM()  
9 {  
0     micon->showMessage("Инфо", "Программа №1", QSystemTrayIcon::Information, 3000);  
1 }  
2
```

```
63 ▲ void MainWindow::slotCI()  
64 {  
65     sw=!sw;  
66     QString Pix = sw ? "C:\\Qt\\MyProgects\\3\\1.ico"  
67         : "C:\\Qt\\MyProgects\\3\\2.ico";  
68  
69     QIcon icon(Pix);  
70     micon->setIcon(icon);  
71 }  
72
```





```
4  #include <QLabel>
5
6  class QSystemTrayIcon;
7  class QMenu;
8
9  class SystemTray : public QLabel {
10     Q_OBJECT
11     private:
12     QSystemTrayIcon* micon;
13     QMenu* men;
14     bool sw;
15
16     protected:
17     virtual void closeEvent(QCloseEvent*);
18
19     public:
20     SystemTray(QWidget* pw=0);
21
22     public slots:
23     void slot.SH():
```



```
4 #include <QSystemTrayIcon>
5 #include "QAction"
6 #include "QMenu"
7 #include <QBitmap>
8 #include <QPixmap>
9
10 SystemTray::SystemTray(QWidget* pw) : QLabel("Приложение", pw), sw(false)
11 {
12     setWindowTitle("Приложение");
13     QPixmap pix("C:\\Qt\\MyProjects\\3\\2.ico");
14     setPixmap(pix);
15     setMask(pix.mask());
16
17     QAction* ShowHide= new QAction("&Show/Hide", this);
```

```
1  #include "mainwindow.h"
2  #include <QApplication>
3  #include <QtGui>
4  #include <QSystemTrayIcon>
5
6  int main(int argc, char *argv[])
7  {
8      QApplication a(argc, argv);
9      SystemTray st;
10     QApplication::setQuitOnLastWindowClosed(false);
11     return a.exec();
12 }
```

QDesktopWidget

```
61 void SystemTray::slotSH()
62 {
63     setVisible(!isVisible());
64     QDesktopWidget desktop;
65     QRect rect = desktop.availableGeometry(desktop.primaryScreen());
66     QPoint center = rect.center();
67     center.setX(center.x() - (this->width()/2));
68     center.setY(center.y() - (this->height()/2));
69     this->move(center);
70
71 }
```


mainwindow.h - untitled - Qt Creator

Файл Правка Сборка Отладка Анализ Инструменты Окно Справка

Проекты mainwindow.h <Выберите символ> # Строка: 1, Столбец: 1

untitled
untitled.pro
Заголовочные
mainwindow.h
Исходники
Формы

```
1 #ifndef MAINWINDOW_H
2 #define MAINWINDOW_H
3
4 #include <QLabel>
5
6 class QSystemTrayIcon;
7 class QMenu;
8
9 class SystemTray : public QLabel {
10 Q_OBJECT
11 private:
12 QSystemTrayIcon* micon;
13 QMenu* men;
14 bool sw;
15
16 protected:
17 virtual void closeEvent(QCloseEvent*);
18
19 public:
20 SystemTray(QWidget* pw=0);
21
22 public slots:
23 void slotSH();
24 void slotSM();
25 void slotCI();
26 };
27
28
29 #endif // MAINWINDOW_H
30
```



Открытые докум...
main.cpp
mainwindow.cpp
mainwindow.h

Проблемы
⚠ unused parameter 'parent' [-Wunused-parameter] mainwindow.cpp 56

Быстрый поиск (Ctrl+K) 1 Проблемы 1 2 Результаты поиска 3 Вывод приложения 4 Консоль сборки 5 Консоль QML/JS

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29.11.2014