

zzMirror2

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Chapter 1

Main Page

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Chapter 2

Hierarchical Index

2.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

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Chapter 3

Class Index

3.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

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Chapter 4

Class Documentation

4.1 CTriangleGL Class Reference

Public Member Functions

- **CTriangleGL** (const GLuint _uiValueI, const GLuint _uiValueJ, const GLuint _uiValueK)

Static Public Member Functions

- static int **size** ()

The documentation for this class was generated from the following files:

- C:/a/Qt/zzMirror2/geometry/ctrianglegl.h
- C:/a/Qt/zzMirror2/geometry/ctrianglegl.cpp

4.2 CVectorGL2D Class Reference

Public Member Functions

- **CVectorGL2D** (const GLdouble _dValueX, const GLdouble _dValueY)
- const GLdouble * **data** () const
- GLdouble **dotProduct** (const [CVectorGL2D](#) &_vgl2d) const
- GLdouble **maximum** () const
- GLdouble **module** () const
- GLdouble **module2** () const
- void **normalize** ()
- [CVectorGL2D](#) **normalized** () const
- void **setMaximum** (const [CVectorGL2D](#) &_vgl2dMaximum)
- void **setMinimum** (const [CVectorGL2D](#) &_vgl2dMaximum)
- void **setValue** (const [CVectorGL2D](#) &_vgl2d)
- void **setValue** (const GLdouble _dValueX, const GLdouble _dValueY)
- GLdouble **value** (const int _iValue) const
- bool **operator==** (const [CVectorGL2D](#) &_vgl2d)
- [CVectorGL2D](#) **operator+** (const [CVectorGL2D](#) &_vgl2d) const
- [CVectorGL2D](#) **operator-** (const [CVectorGL2D](#) &_vgl2d) const
- [CVectorGL2D](#) **operator*** (const [CVectorGL2D](#) &_vgl2d) const
- [CVectorGL2D](#) **operator/** (const [CVectorGL2D](#) &_vgl2d) const

Static Public Member Functions

- static int **size** ()

The documentation for this class was generated from the following files:

- C:/a/Qt/zzMirror2/geometry/cvectorgl2d.h
- C:/a/Qt/zzMirror2/geometry/cvectorgl2d.cpp

4.3 CVectorGL3D Class Reference

Public Member Functions

- **CVectorGL3D** (const GLdouble _dValueX, const GLdouble _dValueY, const GLdouble _dValueZ)
- **CVectorGL3D crossProduct** (const **CVectorGL3D** &_vgl3d) const
- const GLdouble * **data** () const
- GLdouble **dotProduct** (const **CVectorGL3D** &_vgl3d) const
- GLdouble **maximum** () const
- GLdouble **module** () const
- GLdouble **module2** () const
- void **normalize** ()
- **CVectorGL3D normalized** () const
- void **rotateAround** (const GLdouble _dAngle, const **CVectorGL3D** &_v3dAxis)
- void **setMaximum** (const **CVectorGL3D** &_vgl3dMaximum)
- void **setMinimum** (const **CVectorGL3D** &_vgl3dMaximum)
- void **setValue** (const **CVectorGL3D** &_vgl3d)
- void **setValue** (const GLdouble _dValueX, const GLdouble _dValueY, const GLdouble _dValueZ)
- GLdouble **value** (const int _iValue) const
- bool **operator==** (const **CVectorGL3D** &_vgl3d)
- **CVectorGL3D operator+** (const **CVectorGL3D** &_vgl3d) const
- **CVectorGL3D operator-** (const **CVectorGL3D** &_vgl3d) const
- **CVectorGL3D operator*** (const **CVectorGL3D** &_vgl3d) const
- **CVectorGL3D operator/** (const **CVectorGL3D** &_vgl3d) const

Static Public Member Functions

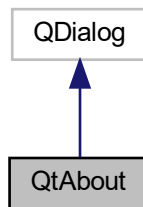
- static int **size** ()

The documentation for this class was generated from the following files:

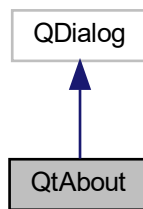
- C:/a/Qt/zzMirror2/geometry/cvectorgl3d.h
- C:/a/Qt/zzMirror2/geometry/cvectorgl3d.cpp

4.4 QtAbout Class Reference

Inheritance diagram for QtAbout:



Collaboration diagram for QtAbout:



Public Member Functions

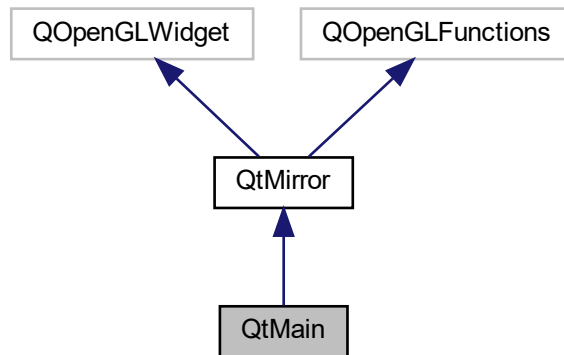
- **QtAbout** (QWidget *_pParent=Q_NULLPTR)

The documentation for this class was generated from the following files:

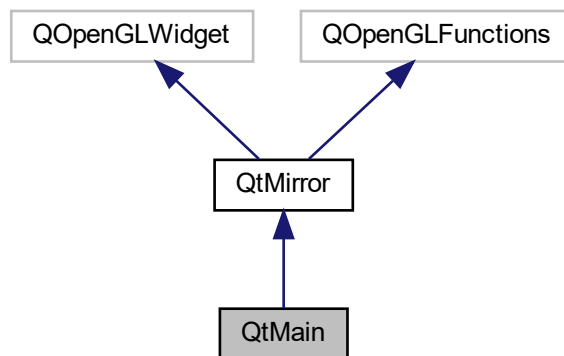
- C:/a/Qt/zzMirror2/qtabout.h
- C:/a/Qt/zzMirror2/qtabout.cpp

4.5 QtMain Class Reference

Inheritance diagram for QtMain:



Collaboration diagram for QtMain:



Public Member Functions

- **QtMain** (QWidget *_pParent=Q_NULLPTR)

Protected Member Functions

- virtual void **keyPressEvent** (QKeyEvent *e) Q_DECL_OVERRIDE
- virtual void **mouseMoveEvent** (QMouseEvent *e) Q_DECL_OVERRIDE

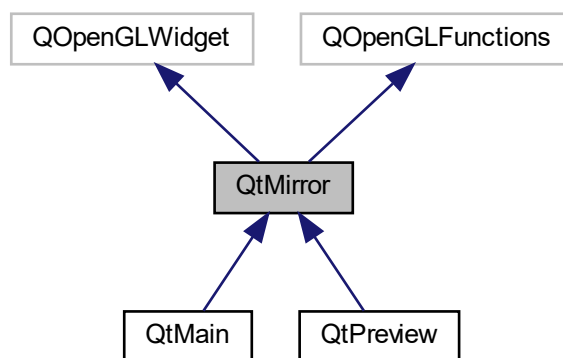
- virtual void **mousePressEvent** (QMouseEvent *e) Q_DECL_OVERRIDE

The documentation for this class was generated from the following files:

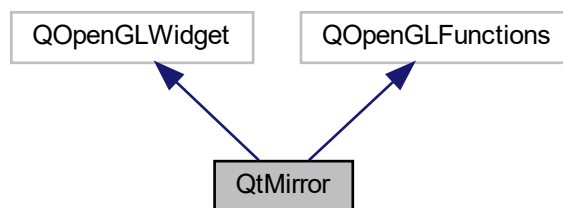
- C:/a/Qt/zzMirror2/qtmain.h
- C:/a/Qt/zzMirror2/qtmain.cpp

4.6 QtMirror Class Reference

Inheritance diagram for QtMirror:



Collaboration diagram for QtMirror:



Public Member Functions

- **QtMirror** (QWidget *_pParent=Q_NULLPTR)
- void **savelni** ()
- void **setSphere** (const bool _bSphere)
- void **setSphereFX** (const bool _bSphereFX)
- bool **sphere** () const noexcept
- bool **sphereFX** () const noexcept

Protected Member Functions

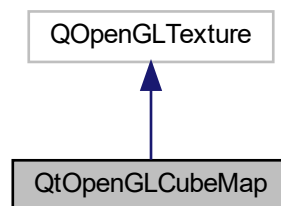
- virtual void **initializeGL** () Q_DECL_OVERRIDE
- virtual QSize **minimumSizeHint** () const Q_DECL_OVERRIDE
- virtual void **paintGL** () Q_DECL_OVERRIDE
- virtual void **resizeGL** (int _iWidth, int _iHeight) Q_DECL_OVERRIDE
- virtual void **showEvent** (QShowEvent *e) Q_DECL_OVERRIDE
- virtual QSize **sizeHint** () const Q_DECL_OVERRIDE
- virtual void **timerEvent** (QTimerEvent *e) Q_DECL_OVERRIDE

The documentation for this class was generated from the following files:

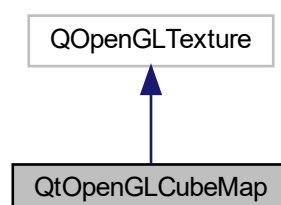
- C:/a/Qt/zzMirror2/qtmirror.h
- C:/a/Qt/zzMirror2/qtmirror.cpp

4.7 QtOpenGLCubeMap Class Reference

Inheritance diagram for QtOpenGLCubeMap:



Collaboration diagram for QtOpenGLCubeMap:



Public Member Functions

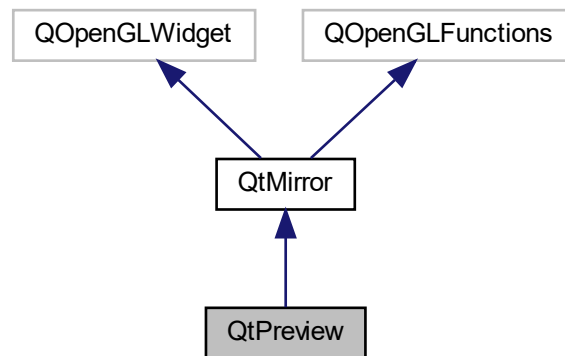
- **QtOpenGLCubeMap** (const QString &_sCubeMap)
- void **initializeGL** ()

The documentation for this class was generated from the following files:

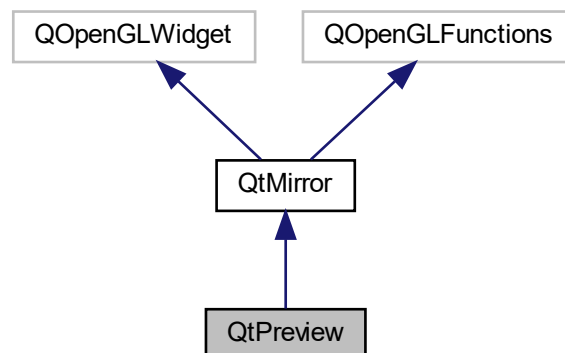
- C:/a/Qt/zzMirror2/qtopenglcubeMap.h
- C:/a/Qt/zzMirror2/qtopenglcubeMap.cpp

4.8 QtPreview Class Reference

Inheritance diagram for QtPreview:



Collaboration diagram for QtPreview:



Public Member Functions

- **QtPreview** (const QString &_sParent, QWidget *_pParent=Q_NULLPTR)

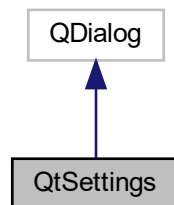
Additional Inherited Members

The documentation for this class was generated from the following files:

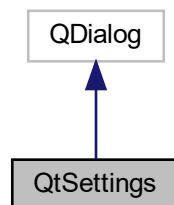
- C:/a/Qt/zzMirror2/qtpreview.h
- C:/a/Qt/zzMirror2/qtpreview.cpp

4.9 QtSettings Class Reference

Inheritance diagram for QtSettings:



Collaboration diagram for QtSettings:



Public Member Functions

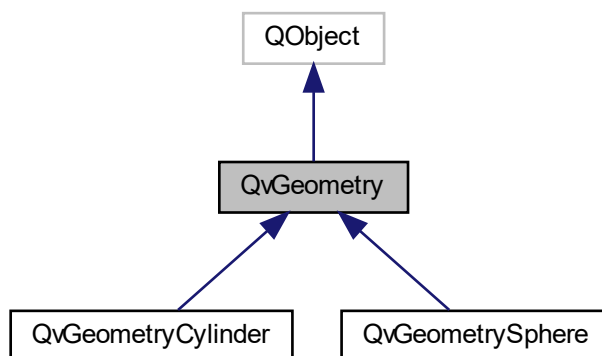
- **QtSettings** (QWidget *_pParent=Q_NULLPTR)

The documentation for this class was generated from the following files:

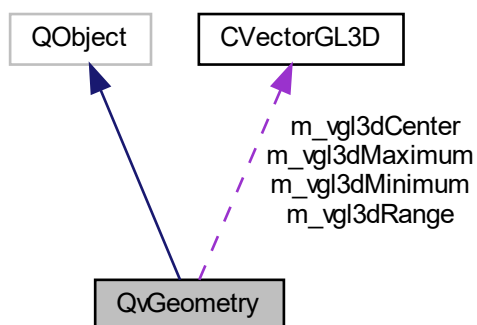
- C:/a/Qt/zzMirror2/qtsettings.h
- C:/a/Qt/zzMirror2/qtsettings.cpp

4.10 QvGeometry Class Reference

Inheritance diagram for QvGeometry:



Collaboration diagram for QvGeometry:



Public Member Functions

- **QvGeometry** (class QOpenGLWidget *_pOpenGLWidget)
- void **initializeGL** ()
- void **paintGL** ()

Protected Member Functions

- virtual void **setGeometry** ()=0

Protected Attributes

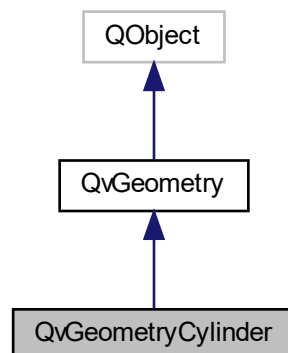
- `class QOpenGLWidget * m_pOpenGLWidget = Q_NULLPTR`
- `GLenum m_eType = GL_DOUBLE`
- `GLenum m_eMode = GL_TRIANGLES`
- `GLsizei m_slIndex = 0`
- `CVectorGL3D m_vgl3dCenter`
- `CVectorGL3D m_vgl3dMaximum`
- `CVectorGL3D m_vgl3dMinimum`
- `CVectorGL3D m_vgl3dRange`
- `QScopedPointer< QOpenGLBuffer > m_pBufferIndex`
- `QScopedPointer< QOpenGLBuffer > m_pBufferNormal`
- `QScopedPointer< QOpenGLBuffer > m_pBufferVertex`

The documentation for this class was generated from the following files:

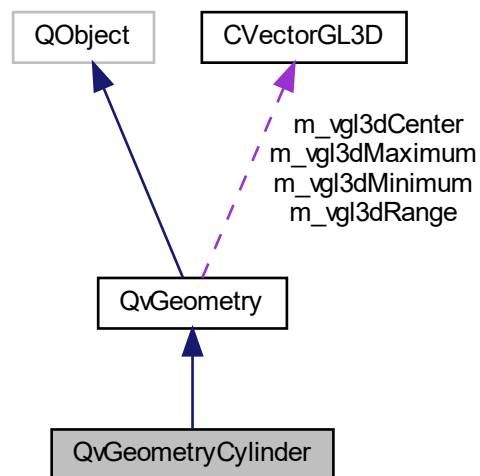
- `C:/a/Qt/zzMirror2/geometry/qvgeometry.h`
- `C:/a/Qt/zzMirror2/geometry/qvgeometry.cpp`

4.11 QvGeometryCylinder Class Reference

Inheritance diagram for QvGeometryCylinder:



Collaboration diagram for QvGeometryCylinder:



Public Member Functions

- **QvGeometryCylinder** (class QOpenGLWidget *_pOpenGLWidget)

Protected Member Functions

- virtual void **setGeometry** () Q_DECL_OVERRIDE

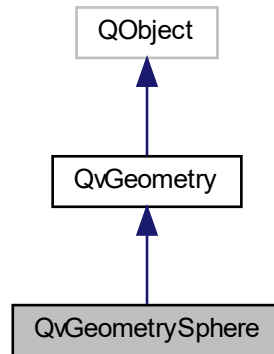
Additional Inherited Members

The documentation for this class was generated from the following files:

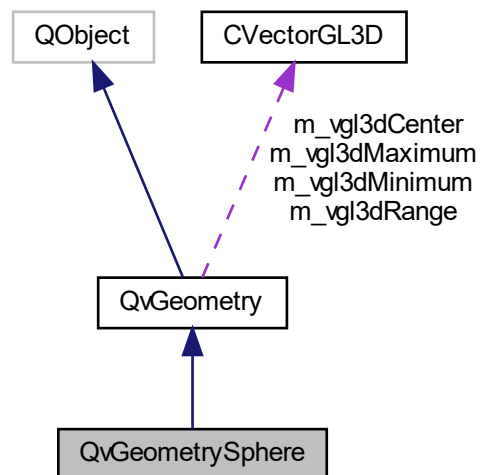
- C:/a/Qt/zzMirror2/geometry/qvgeometrycylinder.h
- C:/a/Qt/zzMirror2/geometry/qvgeometrycylinder.cpp

4.12 QvGeometrySphere Class Reference

Inheritance diagram for QvGeometrySphere:



Collaboration diagram for QvGeometrySphere:



Public Member Functions

- **QvGeometrySphere** (class QOpenGLWidget *_pOpenGLWidget)

Protected Member Functions

- virtual void **setGeometry** () Q_DECL_OVERRIDE

Additional Inherited Members

The documentation for this class was generated from the following files:

- C:/a/Qt/zzMirror2/geometry/qvgeometrysphere.h
- C:/a/Qt/zzMirror2/geometry/qvgeometrysphere.cpp

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