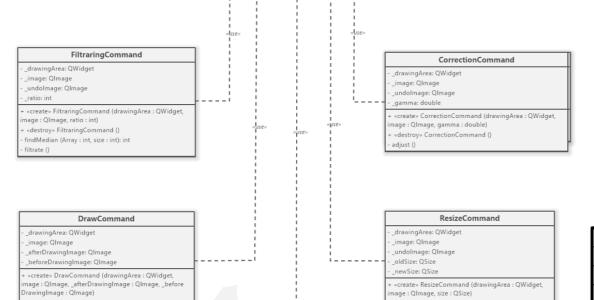
LXNP.400201.420 PP MainWindow DrawingArea _undoStack: QUndoStac _fileMenu: QMenu _image: QImage _doRedoMenu: QMenu penWidth: int brushMenu: OMenu _effectsMenu: QMenu _penColor: QColor _oldPenColor: QColor _addOptionsMenu: QMenu _helpMenu: QMenu _drawToolBar: QToolBar isDrawing: bool _afterDrawingImage: QImage _openAct: QAction _saveAsActs: QList<QAction *> _exitAct: QAction + «create» Rectangle (image : QImage, eventPoint : QP pint, penWidth : int, penColor : QColor) startSize: QSize _newAct: QAction - maxSize: QSize _undoAct: QAction + isModified (): bool _redoAct: QAction _penColorAct: QAction + openImage (fileName : QString): bool _resizeAct: QAction + savelmage (fileName : QString, fileFormat : Cpp.char): boo Shape _correctionAct: QAction + setPenColor (newColor : OColor) _filtrateAct: QAction _image: QImage FilledShape _aboutAct: QAction _drawPen: QAction getPenColor (): QColor _points: std::vector<QPoint> penColor: QColor getPenWidth (): int _drawActionGroup: QActionGroup effectsActionGroup: QActionGroup update (toPoint : OPoint) «create» FilledShape (image: QImage, eventPoint: QPoin + resizelamge (newSize : QSize) + flip (horizontal : bool, vertical : bool) _undoStack: QUndoStack + rect (): QRect _workingSpace: DrawingArea «destroy» Shape () «destroy» FilledShape () _scrollingArea: QScrollArea floodFill (pos : QPoint, newColor : QRgb): std::vector<QP # «create» Shape (image : QImage, penWidth : int, pen + toggleEraserMode () «create» MainWindow (parent : QWidget = 0) + drawEllipses (event : QMouseEvent) getPenWidth (): int «destroy» MainWindow () + drawRectangle (event : QMouseEvent) ColorPicker (event : QMouseEvent) save () + medianFilter (ratio : int) gammaCorrection (gamma : double) # penColor () # penWidth () Ellipse drawMouseLine (endPoint : QPoint) + «create» DrawingArea (undoStack : QUndoStack, parent : QWidget = 0) «create» Ellipse (image : Qlmage, eventPoint : QPoint, penWidth : int, penColor : QColor) «destroy» Ellipse () flipVertical () + «destroy» DrawingArea () + setCreatePen () filtrate () setCreateEllipse () correction () setCreateRectangle () setColorPicker () createDrawActionGruop () setCreateEraser (createEffectsActionGruop () setCreateFilledShape () createActions () createMenus () # mouseReleaseEvent (event : QMouseEvent) mouseMoveEvent (event : QMouseEvent) maybeSave (): bool saveFile (fileFormat : QByteArray): bool



ImageSizeException

«create» ImageSizeException (message : Cpp.char)

«destroy» ImageSizeException ()

					ГУИР.400201.420 РР			
					Классы проекта	Лит.	Масса	Масштаб
Изм	Лист	№ документа	Подпись	Дата				
Разраб.		Спасёнов			Диаграмма классов	у		
Пров.		Марзалюк						
						Лист	Листов 1	
						ЭВМ, гр.250504		
							•	