

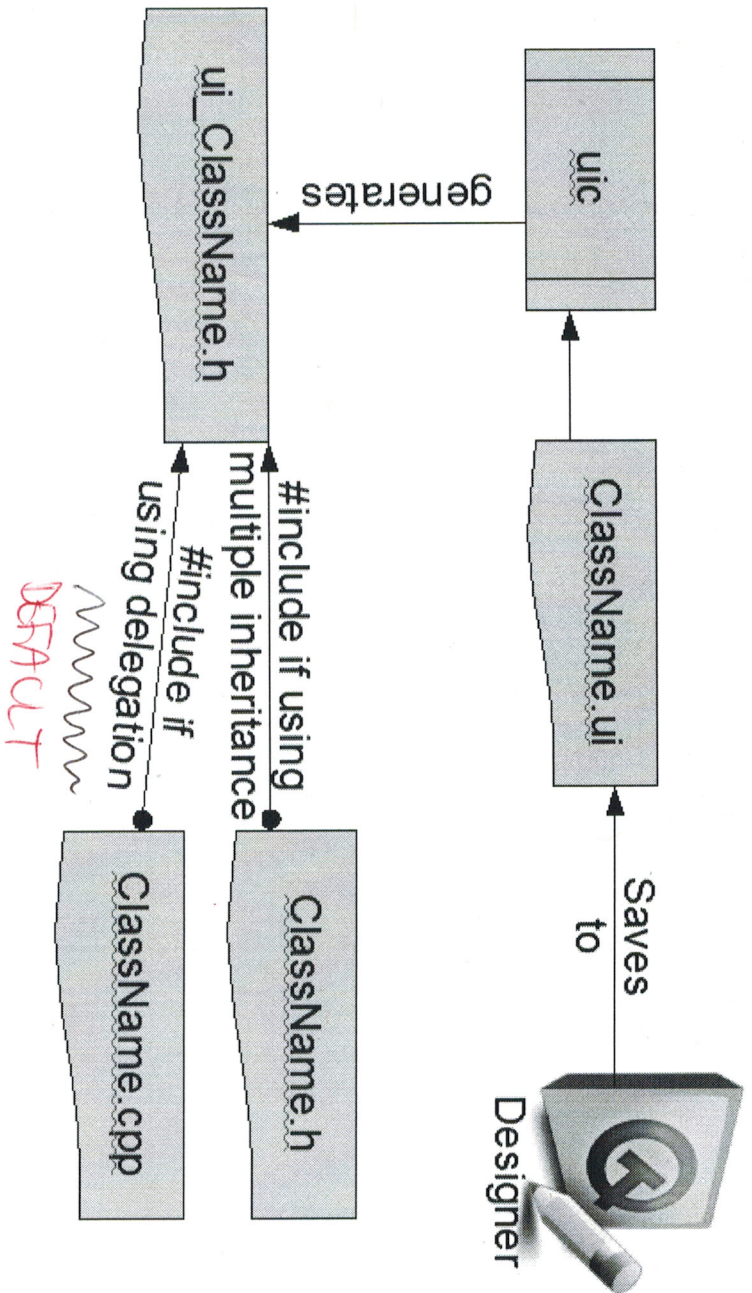
chapter 9 / example 9_10 to 9_12

(copyright Tzost) FIGURE 9.17

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Check in "Application Output" QtCreator

update()
commit()



(copyright Ezust) FIGURE 9.19

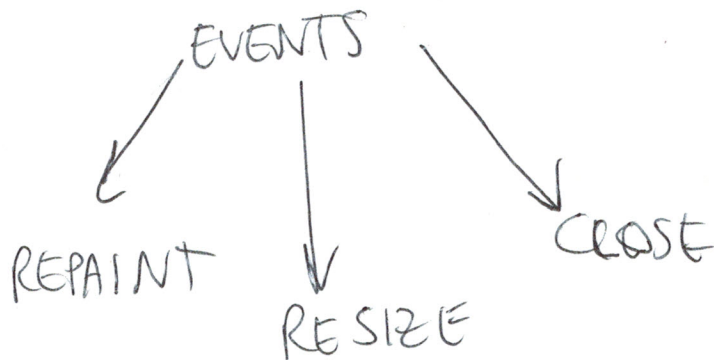
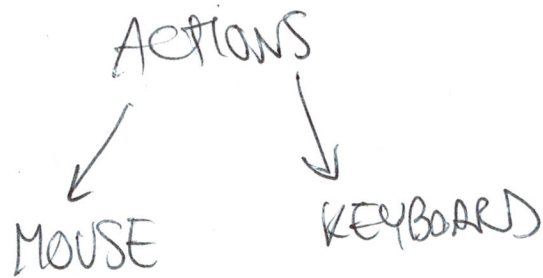
50

See/Show chapter 9 / example 9_10 to 9_12

dialog.h

private:
Ui::Dialog *ui;

SEC 9.9



return a.exec ()

↓
MAIN EVENT LOOP

EVENTS ARE QUEUED

↑
PRIORITY

↑
FILTERED

TIMER EVENTS

QObject

(p319) Ezust

ACTION ~~GENERATES~~

overriding
EVENTS ——— COMPILER
TIME

connect
SIGNALS

SIGNALS / SLOT
introduced by Qt

RUNTIME
(RUNTIME CHECKING)

RUNTIME
SAFE

BOTH ~~USES~~
IMPLEMENT
PUBLISH / SUBSCRIBE
PATTERN

private / protected slots:

SEC 9.10

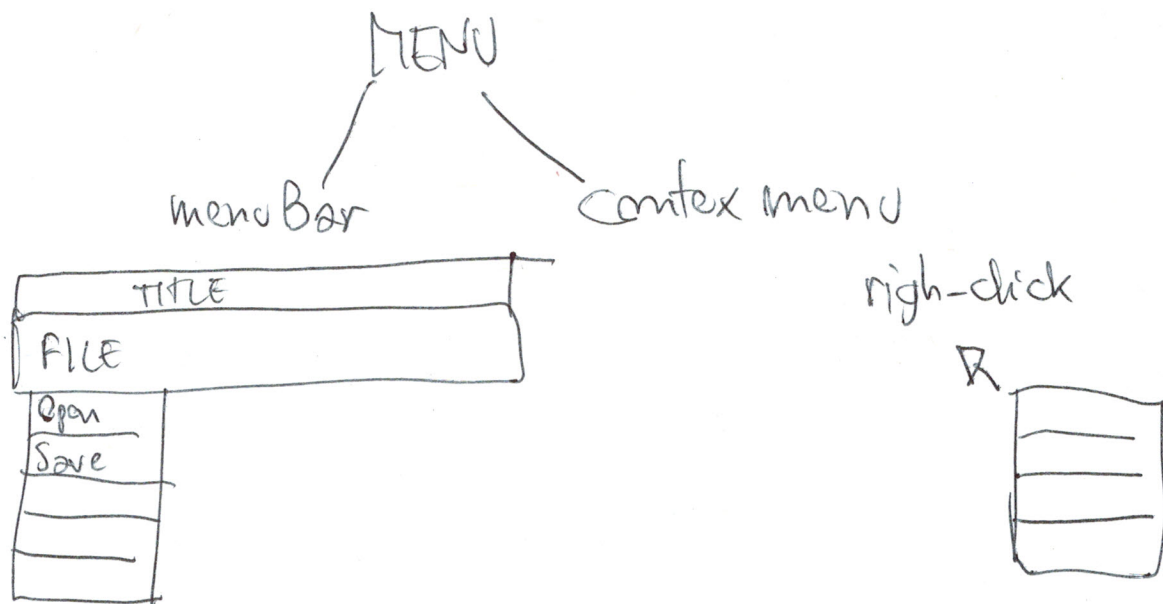
PAINT \longrightarrow `void paintEvent (QPaintEvent* e);`

CHAP 10

MAIN WINDOW ACTIONS

SEC 10.1

QAction QMenu and QMenuBar



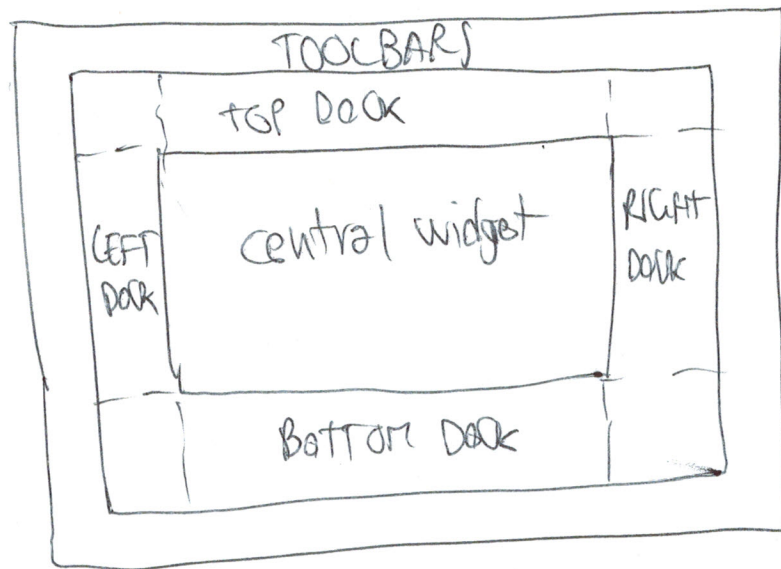
MANUALLY

AUTOMATICALLY \longrightarrow QtCreator

GENERATE ACTIONS

QWidget has `QList<QAction*>`

SEC 10.2



SEC 10.3

Q Settings — partial app
state saving/restoring

INITIALIZE YOUR APP — APPLICATION NAME
— ORG NAME
— DOMAIN NAME


MONOSTATE DESIGN PATTERN

(is not from
Gamma 95)

SEC 10.4

CLIPBOARD

PASTE

- ① create a `QMimeType`
- ② encode your data 
- ③ call `QClipboard` → `setMimeType()`
 - `setText()`
 - `setHtml()`
 - `setImageData()`