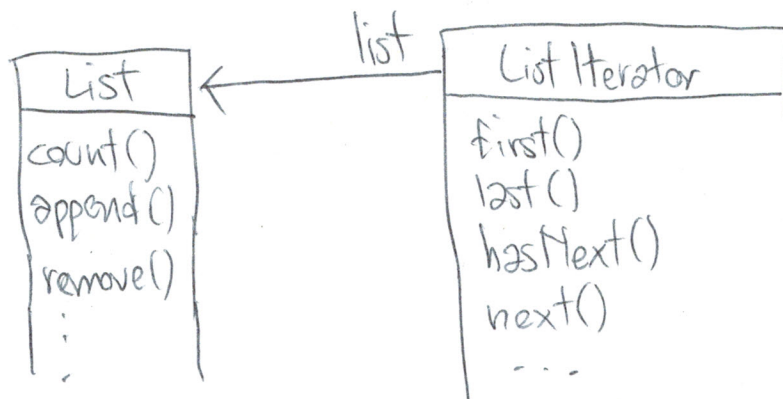


CHA

## CHAP 4



## GENERIC

QList

QList<int>

QList<double>

QList<my class>

### 4.2.1 QStringList

↓  
QList<QString>

QStringList list;

~~QString~~ list.count(); list.size()

EXAMPLE 4.1

QString winter = "December, Jan, Feb";  
list << winter

QString spring = "Mar, Apr, May";

list += spring;

QString summer = "Jun, Jul, Aug";

list.append(summer);

list.insert(summer);

---

REMOVE

list.removeAt(index);

list.removeFirst();

list.removeLast();

list.removeOne(winter);

---

QString QStringList::join(const QString & sep);

EXAMPLE    QString allmonths = list.join(", ");

QStringList QString::split( );

①

②

```
foreach (const QString& str, list) {  
    qDebug() << QString("[%1]").arg(str);  
}
```

EXAMPLE 4.1

③

```
for (QStringList::iterator it = list.begin();  
     it != list.end(); ++it) {  
    QString curr = *it;  
    qDebug() << curr;  
}
```

④

```
QList<QString> itr(list2);  
while (itr.hasNext()) {  
    QString curr = itr.next();  
    qDebug() << curr;  
}
```

## 4.2.2

QDir

QFileInfo

QDirIterator

STATIC  
MEM.

---

```
QDir::current()
::currentPath()

::home()
::homePath()

::temp()
::tempPath()
```

---

CONSTRUCTORS

```
QDir::QDir (const QDir &dir)
::QDir (const QString &path)
```

---

```
QString QDir::absoluteFilePath (...)
```

```
uint QDir::count()
```

```
QStringList QDir::entryList (Filter f, SortFlags s)
```

---

```
bool QFileInfo::isDir()
```

```
bool ::isFile()
```

```
bool ::isExecutable()
```

EXAMPLE 4.2

## EXAMPLE 4.3

```
QDirIterator qdi (dir.absolutePath(),  
                 QStringList() << " *",  
                 QDir::NoSymLinks |  
                 QDir::Files);
```

```
while (qdi.hasNext()) {  
    addFile (qdi.next());  
}
```

## 4.3 Relationships

COMPOSITIONS



AGGREGATIONS



ARROW



```
int main (int argc, char *argv[]) {
```