



java.nio.channels.*

Support

Methods declared in supertypes are hidden in subtypes



Channels

```
ReadableByteChannel newChannel (InputStream in)
WritableByteChannel newChannel (OutputStream out)
InputStream newInputStream (ReadableByteChannelch)
OutputStream newOutputStream (WritableByteChannelch)
Reader newReader (ReadableByteChannelch, String csName)
Reader newReader (ReadableByteChannelch, CharsetDecoderdec, int minBufferCap)
Writer newWriter (WritableByteChannelch, String csName)
Writer newWriter (WritableByteChannelch, CharsetEncoderenc, int minBufferCap)
```



FileLock

FileLock (FileChannelchannel, long position, long size, boolean shared)

Accessors

```
boolean isShared ()
boolean isValid ()
Object
String toString ()
Other Public Methods
FileChannel channel ()
boolean overlaps (long position, long size)
long position ()
void release ()
long size ()
```



FileChannel.MapMode

String **toString** ()

MapMode **READ_ONLY**,
READ_WRITE, **PRIVATE**



Selector

Selector ()

Static Methods

Selector **open** ()

Accessors

boolean **isOpen** ()

Other Public Methods

```
void close ()
Set keys ()
SelectorProvider provider ()
int select ()
int select (long timeout)
int selectNow ()
Set selectedKeys ()
Selector wakeup ()
```



AbstractSelector

AbstractSelector (SelectorProviderprovider)

```
# void begin ()
# Set cancelledKeys ()
# void deregister (AbstractSelectionKeykey)
# void end ()
# void impCloseSelector ()
# SelectionKey register (AbstractSelectableChannelch, int ops, Object att)
```



SelectionKey

SelectionKey ()

Accessors

```
boolean isAcceptable ()
boolean isConnectable ()
boolean isReadable ()
boolean isValid ()
boolean isWritable ()
```

Other Public Methods

```
Object attach (Object ob)
Object attachment ()
void cancel ()
SelectableChannel channel ()
int interestOps ()
SelectionKey interestOps (int ops)
int readyOps ()
Selector selector ()
```

int **OP_READ**, **OP_WRITE**,
OP_CONNECT, **OP_ACCEPT**



AbstractSelectionKey

AbstractSelectionKey ()



Pipe

Pipe ()

Static Methods

Pipe **open** ()

Other Public Methods

```
SinkChannel sink ()
SourceChannel source ()
```

class **SinkChannel**
class **SourceChannel**



SelectorProvider

java.nio.channels.spi. **SelectorProvider**

Static Methods

SelectorProvider **provider** ()

Other Public Methods

```
DatagramChannel openDatagramChannel ()
Pipe openPipe ()
AbstractSelector openSelector ()
ServerSocketChannel openServerSocketChannel ()
SocketChannel openSocketChannel ()
```