



java.nio.channels.* Support

Methods declared in supertypes are hidden in subtypes



Channels

```
ReadableByteChannel newChannel (InputStream in)
WritableByteChannel newChannel (OutputStream out)
InputStream newInputStream (ReadableByteChannel ch)
OutputStream newOutputStream (WritableByteChannel ch)
Reader newReader (ReadableByteChannel ch, String csName)
Reader newReader (ReadableByteChannel ch, CharsetDecoder dec, int minBufferCap)
Writer newWriter (WritableByteChannel ch, String csName)
Writer newWriter (WritableByteChannel ch, CharsetEncoder enc, int minBufferCap)
```



FileLock

```
# FileLock (FileChannel channel, 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 (SelectorProvider provider)

void begin ()
Set cancelledKeys ()
void deregister (AbstractSelectionKey key)
void end ()
void impCloseSelector ()
# SelectionKey register (AbstractSelectableChannel, 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 ()
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 ()
```