

## Re: NIO

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*Source:* <http://coding.derkeiler.com/Archive/Java/comp.lang.java.programmer/2005-06/msg01536.html>

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- *From:* "Remon van Vliet" <[remon@xxxxxxxxxxxxx](mailto:remon@xxxxxxxxxxxxx)>
  - *Date:* Thu, 16 Jun 2005 17:49:37 +0200
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"Esmond Pitt" <[esmond.nospam.pitt@xxxxxxxxxxxxxxxxxxxxx](mailto:esmond.nospam.pitt@xxxxxxxxxxxxxxxxxxxxx)> wrote in message [news:MIese.18710\\$F7.16808@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:MIese.18710$F7.16808@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

> Remon van Vliet wrote:

>

>> Well, this is not how you're supposed to do it. Like you said, the socket is

>> non-blocking, which means that it will return from your .write() right away,

>> and after that calls the close(). The proper way to do this is this :

>>

>> 1) establish a connection using a non-blocking socket connect()

>> 2) wait for finishConnect() to return true

>

> This is generally pointless unless you want to timeout the connection

> and are already using select(); usually better to use blocking connect

> with a timeout

True, but if you want full non-blocking connects, this is how to do it. Call finishConnect as soon as OP\_CONNECT has been selected.

>

>> 3) At this point you can send data, do so once the OP\_WRITE key is selected

>> after a select() call

>

> which will happen immediately the connection is complete, not much point

> selecting for it really

It's good practice to do writing once OP\_WRITE is selected, that it happens immediately is true, but doesn't change the fact that it's bad style to assume it. But fair enough, it will work.

>

>> 4) Write all data (in a secure way, meaning keep track of what you send and

>> make sure you send it all)

>

> this part is correct, you do need to ensure no short or zero-length

> writes before you close

>

>> 5) Once this is done you can close the connection

>  
> and this

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- *Follow-Ups:*
    - ◆ *Re: NIO*
      - ◇ *From:* Bjorn Borud
  
  - *References:*
    - ◆ *NIO*
      - ◇ *From:* technical0@xxxxxxxxxx
    - ◆ *Re: NIO*
      - ◇ *From:* Remon van Vliet
    - ◆ *Re: NIO*
      - ◇ *From:* Esmond Pitt
  
  - Prev by Date: *Re: JVM vs. EXE comparison*
  - Next by Date: *Re: Problem with deleteAll() method of Form object. (J2ME)*
  - Previous by thread: *Re: NIO*
  - Next by thread: *Re: NIO*
  - Index(es):
    - ◆ *Date*
    - ◆ *Thread*