

# Re: Need a Sanity Check

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*Source:* <http://coding.derkeiler.com/Archive/Ada/comp.lang.ada/2005-05/msg00173.html>

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- *From:* "Steve" <nospam\_steved94@xxxxxxxxxxxx>
  - *Date:* Mon, 16 May 2005 06:43:16 -0700
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I believe the output you get from this program is dependent on the runtimes implementation of Text\_IO.

The old ARM 9.5.1:

During a protected action, it is a bounded error to invoke an operation that is potentially blocking. The following are defined to be potentially blocking operations:

an accept\_statement

a call on a subprogram whose body contains a potentially blocking operation.

I believe the calls to Text\_IO may be potentially blocking. A language lawyer may be able to help with this.

To get away from this restriction you might see if changing the source from:

```
accept Three do
Text_Io.Put_Line( "Three" );
end;
```

To:

```
accept Three do
null;
end;
Text_Io.Put_Line( "Three" );
```

Or just

```
accept Three;
Text_Io.Put_Line( "Three" );
```

to see if this changes the behavior.

Whether it is right or wrong, I have a note in my mind to only do simple things like copying data inside of an accept statement.

