

## Bip - Bug #355

### Invalid PONG response

2014-11-07 17:29 - Neckara Neckara

<b>Status:</b> New	<b>Start date:</b> 2014-11-07
<b>Priority:</b> Normal	<b>Due date:</b>
<b>Assignee:</b>	<b>% Done:</b> 0%
<b>Category:</b>	<b>Estimated time:</b> 1:00 hour
<b>Target version:</b>	<b>Branch:</b>
<b>Patch Available:</b> No	<b>Security:</b>
<b>Found in Versions:</b> 0.8.9	<b>Help Needed:</b> Yes
<b>Confirmed:</b> Yes	

**Description**

Hello,

I use bip from the Debian Jessie package (0.8.9, I tried also which the Repo version).  
Each time my IRC client send a PING request :

```
"PING _1415376678828"
```

I get this response :

```
":127.0.0.1 PONG _1415376678828" instead of ":127.0.0.1 PONG 127.0.0.1 :_1415376678828" others IRC server can send me.
```

Indeed, the RFC (<https://tools.ietf.org/html/rfc2812#section-3.7.3> or <https://tools.ietf.org/html/rfc1459#section-4.6.3>) says PONG has as for parameters <server> [<server>].

Each 2-3 minutes, I get disconnected few seconds after the client's PING request.  
In the bip logs I have :

```
07-11-2014 06:47:20 ERROR: read(fd=7): Connection lost: Connection timed out
07-11-2014 06:47:20 ERROR: Error while reading on fd 7
07-11-2014 06:47:20 ERROR: client read_lines error, closing...
07-11-2014 06:50:07 ERROR: read(fd=7): Connection lost: Connection timed out
07-11-2014 06:50:07 ERROR: Error while reading on fd 7
07-11-2014 06:50:07 ERROR: client read_lines error, closing...
[...]
07-11-2014 17:06:48 ERROR: read(fd=5): Connection lost: Resource temporarily unavailable
07-11-2014 17:06:48 ERROR: Error while reading on fd 5
07-11-2014 17:06:48 ERROR: client read_lines error, closing...
07-11-2014 17:09:19 ERROR: read(fd=5): Connection lost: Resource temporarily unavailable
07-11-2014 17:09:19 ERROR: Error while reading on fd 5
07-11-2014 17:09:19 ERROR: client read_lines error, closing...
07-11-2014 17:12:01 ERROR: read(fd=5): Connection lost: Resource temporarily unavailable
07-11-2014 17:12:01 ERROR: Error while reading on fd 5
07-11-2014 17:12:01 ERROR: client read_lines error, closing...
07-11-2014 17:12:45 ERROR: read(fd=6): Connection lost: Resource temporarily unavailable
07-11-2014 17:12:45 ERROR: Error while reading on fd 6
07-11-2014 17:12:45 ERROR: client read_lines error, closing...
```

Can you do something about that ?

Cordially,  
Neckara

**Related issues:**

Is duplicate of Bip - Bug #192: using "hide ping pong event" in mIRC doesn't ... **Feedback** 2011-02-09

## History

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### #1 - 2014-11-07 17:35 - Neckara Neckara

I think the problem is in <https://projects.duckcorp.org/projects/bip/repository/revisions/master/entry/src/irc.c>

In `irc_dispatch_client` (line 1112) or in `irc_dispatch_server` (line 367).

### #2 - 2014-11-07 17:36 - Pierre-Louis Bonicoli

Which IRC client do you use ? Could you indicate an IRC server used ?

### #3 - 2014-11-07 17:38 - Pierre-Louis Bonicoli

- Description updated

### #4 - 2014-11-07 17:48 - Neckara Neckara

Hello I use Icedove (Thunderbird) as IRC Client and inspircd as IRC server.

I try with Quakenet servers, they send :

```
PING _1415378784294
```

```
:underworld1.no.quakenet.org PONG underworld1.no.quakenet.org :_1415378784294
```

### #5 - 2014-11-07 19:21 - Neckara Neckara

Seems to be the same bug than [#192](https://projects.duckcorp.org/issues/192) : <https://projects.duckcorp.org/issues/192>

### #6 - 2014-11-07 20:13 - Neckara Neckara

To fix the bug, replace the line 1112 in the file `/src/irc.c` :

```
WRITE_LINE1(CONN, link_name((struct link_any *)ic), "PONG", irc_line_elem(line, 1));
```

By :

```
/** begin */
```

```
size_t offset = strlen("PONG");
char * command = malloc( offset + 1 + strlen(link_name((struct link_any *)ic)) + 1 );
strcpy(command, "PONG");
command[offset++] = ' ';
strcpy(command + offset, link_name((struct link_any *)ic) );
```

```
char * param = malloc( strlen(irc_line_elem(line, 1)) + 1 + 1);
param[0] = ':';
strcpy(param + 1, irc_line_elem(line, 1));
```

```
WRITE_LINE1(CONN(ic), link_name((struct link_any *)ic), command, param);
    free(param);
    free(command);
/** end */
```

I think there is a way more "correct" with your functions but I don't know your API very well and the code isn't really readable.

**#7 - 2014-11-07 22:20 - Marc Dequènes**

- *Is duplicate of Bug #192: using "hide ping pong event" in mlRC doesn't work with bip added*

**#8 - 2021-10-11 18:12 - Pierre-Louis Bonicoli**

- *Target version changed from 0.9.0 to 0.9.2*

**#9 - 2021-10-13 11:34 - Pierre-Louis Bonicoli**

- *Target version changed from 0.9.2 to 0.9.3*

**#10 - 2022-03-12 05:50 - Pierre-Louis Bonicoli**

- *Target version deleted (0.9.3)*