

## Quassel IRC - Bug #1388

### CTCP TIME reply is ambiguous

11/01/2015 11:40 AM - wink

<b>Status:</b>	Resolved	<b>Start date:</b>	11/01/2015
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	0.13.0	<b>OS:</b>	Any
<b>Version:</b>	0.11-pre		
<b>Description</b> As Quassel (any version probably) doesn't add the time zone to the CTCP TIME reply, the info is useless and/or wrong.  Example:  User AAA, CET, Windows: Received CTCP-TIME answer from AAA: Sun Nov 1 10:32:57 2015 (this is in fact UTC, as it's 11:3x currently) should be: "Sun Nov 1 11:32:57 2015 CET" or "Sun Nov 1 10:32:57 2015 GMT/UTC" (but TZ can be hard on Windows)  User BBB, GMT, Linux: Received CTCP-TIME answer from BBB: Sun Nov 1 10:29:37 2015 (correct, but missing "GMT" as well)  User CCC, CST, Linux: Received CTCP-TIME answer from digitalcircuit: Sun Nov 1 04:28:35 2015 (correct, but missing "CST")  TLDR: On Windows, UTC time without TZ name is returned. On Linux, local time without TZ name is returned.  Related code: <a href="https://github.com/quassel/quassel/blob/master/src/core/coresessioneventprocessor.cpp#L1083">https://github.com/quassel/quassel/blob/master/src/core/coresessioneventprocessor.cpp#L1083</a>			

#### History

##### #1 - 11/02/2015 05:51 PM - wink

Correction:

What I wrote for AAA is probably wrong, if the core is running on a machine that is UTC, then it's UTC (without a tz identifier), if the core runs on a local time, it is set to that local tz (without identifier).

##### #2 - 09/15/2018 12:42 AM - digitalcircuit

This should fixed in Quassel 0.13 master [as of commit f27435c3d1b2793718e483449c7d6a62ee6cac8e](#). Take a look at [the pull request](#) for more example output.

```
-- digitalcircuit sending CTCP-TIME request to dcircuit_dev
* Received CTCP-TIME answer from dcircuit_dev: 2018-09-12 16:25:06-05:00
```

Local timezone.

```
-- digitalcircuit sending CTCP-VERSION request to dcircuit_dev
* Received CTCP-VERSION answer from dcircuit_dev: Quassel IRC v0.13-rc1 (0.13-rc1+59 git-7a878bd) (version date 2018-09-10 23:46:55Z) -- https://www.quassel-irc.org
```

VERSION replies use UTC to stay uniform regardless of timezone of the Quassel core.

*(It was actually fixed much earlier, this is just the most recent change to formatting.)*

##### #3 - 09/15/2018 03:46 AM - genius3000

- Status changed from New to Resolved

- Target version set to 0.13.0

- % Done changed from 0 to 100

See note above from digitalcircuit; fixed in 0.13.