

Quassel IRC - Bug #1733

Inconsistent trimming of whitespace from IRC lines

06/25/2021 01:58 AM - bakerst

Status:	New	Start date:	06/25/2021
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Quassel Core	Estimated time:	0.00 hour
Target version:		OS:	Any
Version:	0.13.1		

Description

This issue was noticed through a Solanum help file that contained a trailing space.

When a line received from IRC contains a *trailing* space, *leading* spaces are removed from the lines too. If there is no *trailing* space, *leading* spaces are kept intact. In this particular instance, this resulted in the incorrect rendering of the output of server-side help (the indentation is broken in the line containing "+u"):

```
09:05:37 * 705 umode      USERMODE      DESCRIPTION
09:05:37 * 705 umode -----
09:05:37 * 705 umode      +o          - Designates this client is an IRC Operator.
09:05:37 * 705 umode                        Use the /oper command to attain this.
09:05:37 * 705 umode      +i          - Designates this client 'invisible'.
09:05:37 * 705 umode      ? +h          - Has a cloaked host. May be +x depending on cloaking module
09:05:37 * 705 umode      +g          - Deny users not on your /ACCEPT list from messaging you and
09:05:37 * 705 umode                        inviting you to channels.
09:05:37 * 705 umode ? +u          - Receive messages that are filtered server side based
09:05:37 * 705 umode                        on content.
09:05:37 * 705 umode      +w          - Can see oper wallops.
```

This issue is caused by the following code from [src/core/ircparser.cpp](#)

```
if (!decParams.isEmpty() && decParams.last().endsWith(' '))
    decParams.append(decParams.takeLast().trimmed());
```

The inconsistency is that the code checks for `endsWith` but then uses `trimmed` to remove the whitespace. [QString::trimmed](#) removes whitespace from *both ends* of the string. In my opinion, only whitespace at the *end* of the line should be removed if the condition holds. An alternative solution could be to exempt lines for server help numerics from trimming.

History

#1 - 06/25/2021 02:11 AM - phuzion

- Category set to Quassel Core

#2 - 07/28/2021 07:29 AM - Delancey598

If your editor can do it based on the rules of the language and not just "remove it from any line" then it's fine. Otherwise there's certain situations where it may matter. If you never write such things (multiline string literals etc) then you can also use a dirty "remove all white space from lines" if you want.