

VIRTEC TCClient Release Notes

Version 2.0.beta6

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Changelog

v2.0.beta6

- Bug #8978: SendInterval timer was being initialized when the DDOP was sent, but if the TC loaded the DDOP then the timers never got initialized

v2.0.beta5

- Bug #7434: The timers of DDI's with a trigger method of TRIGGER_METHOD_TIME were being accessed before they were registered

v2.0.beta4

- Bug #6814: VIRTEC did not limit the minimum interval for process data to be sent to the TC

v2.0.beta3

- Bug #5446: TC_DET_Unregister() was modifying the Parent DET pointer
- Bug #5447: Activate Response with errors was not resulting in deleting the DDOP

v2.0.beta2

- Bug #5429: Startup messaging fix
- Bug #5419: MAKE_TC_ObjectPoolParts_T() incorrectly initializes the number of object pool parts
- Bug #5412: Mutex remains locked when Language command received before Task message (for each TC_T)

v2.0.beta1

- Feature #1791: Dynamic DDOP generation
- Bug #2510: Wait 6 seconds before connecting to TCClient
- Bug #3493: TCClient TC Version Message not parsing full message data
- Bug #4842: TCClient continues status message after TC shutdown
- Bug #950: TCClient Mutex Issue
- Bug #2229: TCClient Memory Leak

v1.0

- Bug #1202: Upgraded TCClient implementation to be compliant with TC Version 3 of ISO 11783-10

Download TCClient v2.0.beta6

You can download a copy of this TCClient layer by pointing your SVN client to your customer repository:

https://subversion.distek.com/svn/CustomerXYZ/DISTek/ISOBUS/TCClient/TCClient_v2.0.beta6

(where CustomerXYZ is your customer repository; "XYZ" is usually a number.)

Upgrading from TCClient v1.0.0

Upgrade Requirements

This latest TCClient release requires **Foundation v2.3.0** or higher to build.

Upgrading

To upgrade from the previous TCClient release, just replace the TCClient.c, .h, and _cobf.h files in your project with the ones supplied in the new SVN release.

MAKE_TCClient_T

The macro to make a TCClient_T structure has been updated to include additional information for the user to input about their Task Controller's capabilities. The MAKE_TCClient_T macro now includes the additional parameters options, booms, sections, and channels.

Example

before:

```
TCClient_T MyApp_TC = MAKE_TCClient_T(&Foundation, TCCApp_TCs, PRIORITY_MAX);
```

after:

```
#define NUM_BOOMS      1  // Each boom represents one "layer" of material
                          application
#define NUM_SECTIONS  1  // Section Control - How many "sections" can be
                          controlled (on/off)
#define NUM_CHANNELS  1  // Rate Control - How many rates can be controlled
                          (for variable rate/prescription mapping)
TCClient_T MyApp_TC = MAKE_TCClient_T(&Foundation, TCCApp_TCs, TC_BAS |
TC_GEO_WITH_POSITION_BASED_CONTROL, NUM_BOOMS, NUM_SECTIONS, NUM_CHANNELS,
PRIORITY_MAX);
```

Refer to the UserGuide for more detailed information.

Known Issues

Some issues that were discovered at Fall PlugFest 2015 are known but not yet fixed:

- Bug #14: DDOP Script DPD "E" (name) parameters cannot exceed 32 characters
- Bug #13: Name and Localization data in DVC element are reversed

If you'd like to know more about the impact of these issues on your system, contact us at virtecsupport@distek.com.

More Information

Reporting Bugs

Your comments, bug reports, and suggestions will help fix bugs and improve the quality of future releases. Please report bugs and/or provide feedback to us at virtecsupport@distek.com

Support

If you require support with VIRTEC, please contact us at virtecsupport@distek.com