Question:

Problem

At the test of a LABCAR-OPERATOR project it might be useful to display some debug messages as user defined text.

This output might come from a MATLAB/Simulink® S-Function or C-Code Module to be displayed in the Hardware Info window or in the RTPC LogFile.

Answer:

Solution

Use of the special (real-time) RTPC method :

```
rtos_log (severity, "hello %i", i);
```

Prototype:

```
int rtos_log (const int prio, const char *format, ...);
```

in which "prio" is a numerical value between 0 an 7.

0 relates to LOG_EMERGENCY.
1 relates to LOG_ALERT.
2 relates to LOG_CRIT.
3 relates to LOG_ERROR.
4 relates to LOG_WARNING.
5 relates to LOG_NOTICE.
6 relates to LOG_INFO.
7 relates to LOG_DEBUG.

Example:

To display a message as LOG_ERROR in RTPC Logfile:

```
rtos_log( 3, "my error %s", str);
```

Additional information:

-

06-Dec-2016

In case of further questions:

You will find further FAQ here: www.etas.com/en/faq

Please feel free to contact our Support Center, if you have further questions.

Here you can find all information: http://www.etas.com/en/hotlines.php

464192126 / 3