



## Question:

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### 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:

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### 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 and 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:

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## In case of further questions:

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