

LFR-FSW - Bug #3125

Task # 3120 (Closed): Livraison sources 3.2.0.21 pour analyse Logiscope // W. Recart

Analyse Logiscope LFR_3.2.0.21 : Tr_Parenthèses Severity is Medium

03/10/2018 07:09 PM - William Recart

Status:	Closed	Start date:	03/10/2018
Priority:	Normal	Due date:	
Assignee:	Alexis Jeandet	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
revision:	r0		
Description Rappel de la règle : Tr_Parenthèses Definition: ----- In expressions, every binary and ternary operator has to be put in parenthesis, so that the evaluation priorities are not ambiguous. Use the partpar option to allow the following rules: when the right operand of a + or * operator uses the same operator, you can omit parenthesis for it. In the same way, you can omit parenthesis in the case of the right operand of an assignment operator. Moreover, you can omit parenthesis at the first level of the expression. Parameters: ----- The character string "partpar", which, if used, allows programmers not to put systematically parenthesis, according to the rule above. Justification: ----- Removes ambiguity about the evaluation priorities. Example: ----- // do not write result = fact / 100 + rem; // write result = ((fact / 100) + rem); // or write, with the partpar option result = (fact / 100) + rem; // with the partpar option, write result = (fact * ind * 100) + rem + 10 + (coeff ** c); // instead of result = ((fact * (ind * 100)) + (rem + (10 + (coeff ** c)))); La règle est non respectée et non couverte par la RPW-MEB-LFR-RFW-00257-LPP accepted in DP R3++ : lfr_cpu_usage_report.c line 60 : cpu_load = (unsigned char)(CONST_255 - ((ival*CONST_10+fval/CONST_100)*CONST_256/CONST_1000))			

History

#1 - 08/10/2018 09:57 PM - bruno katra

- Status changed from New to In Progress

Salut Alexis !

Voici ma proposition pour la modif après les échanges que j'ai eu avec William sur l'application des règles...

```
cpu_load = (unsigned char) (CONST_255 - (((ival*CONST_10) + (fval/CONST_100))*CONST_256)/CONST_1000));
```

#2 - 09/10/2018 10:53 AM - William Recart

Je confirme que la proposition de Bruno est OK pour Logiscope.

#3 - 10/10/2018 10:57 AM - Alexis Jeandet

- *Parent task set to #3120*

#4 - 10/10/2018 08:12 PM - Alexis Jeandet

- *Status changed from In Progress to Resolved*

Corrigé dans la [r399](#)

#5 - 10/12/2018 03:40 PM - William Recart

- *Status changed from Resolved to Closed*

Corrected in source code V3.2.0.24