

## LFR-FSW - Bug #907

### TC\_LFR\_LOAD\_KCOEFFICIENTS plante le logiciel

17/01/2017 11:37 AM - Veronique bouzid

<b>Status:</b>	Closed	<b>Start date:</b>	17/01/2017
<b>Priority:</b>	Urgent	<b>Due date:</b>	
<b>Assignee:</b>	Veronique bouzid	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Spent time:</b>	0.00 hour
<b>revision:</b>	r0		

#### Description

En voulant lancer le script loop\_tm\_lfr\_tc\_exe.py qui envoietoutes les TC, le script a planté le soft.

J ai donc identifié la TC en cause qui est TC\_LFR\_LOAD\_KCOEFFICIENTS

voici la trace du fichier 2017\_01\_17-11\_24\_54-Synth.txt

```
11:24:38.273163, TM_LFR_HK, TIME=0x8000001a66a1
11:24:39.068631, TC_LFR_ENTER_MODE (CP_LFR_MODE=0)
11:24:39.104208, TM_LFR_TC_EXE_NOT_EXECUTABLE, TIME=0x8000001b3b93
11:24:39.273157, TM_LFR_HK, TIME=0x8000001b66a1
11:24:40.273184, TM_LFR_HK, TIME=0x8000001c66a1
11:24:41.104588, TC_LFR_LOAD_KCOEFFICIENTS
11:24:45.105708, TC_LFR_ENTER_MODE (CP_LFR_MODE=0)
```

--> suite à l envoi aucune réponse et dans la console socexe , indication du time out de 4s donc voici la trace (2017\_01\_17-11\_24\_54-Nb.txt)

```
11:24:32.064334,/opt/VALIDATION_R3plus/lfrverif/LFR_SVS/SVS-0003/send_one_tc_load_kcoeff.py
11:24:34.066478,PROXY LOAD is False
11:24:45.104676,* /!\No TM_LFR_TC_EXE_* after time-out (4s).*
11:24:49.105767, /!\No TM_LFR_TC_EXE_* after time-out (4s).
11:24:54.106518,End(/opt/VALIDATION_R3plus/lfrverif/LFR_SVS/SVS-0003/send_one_tc_load_kcoeff.py)
```

je joins au redmine le script pour que tu testes de ton coté.

Les fichiers (2017\_01\_17-11\_24\_54-\*) sont rangés dans le répertoire  
/home/validation/data/R3+/3.1.0.5/3.1.91/TESTS-UNITAIRES/send\_one\_tc\_load\_kcoeff

Contexte du test

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```
FSW 3-1-0-5-Rev331
VHDL 3.1.91
PFM sans Timegen
SocExplorerEngine.getSocExplorer: Version = 0.7.0, Branch = 0.6, Changeset = c459540a6dbd+
StarDundee
```

#### History

##### #1 - 17/01/2017 01:49 PM - paul leroy

Bug identifié sur un problème d'alignement dans la fonction set\_sy\_lfr\_kcoeff.  
Corrigé pour fsw >= 3.1.0.6

##### #2 - 17/01/2017 01:49 PM - paul leroy

- Assignee changed from paul leroy to Veronique bouzid

##### #3 - 17/01/2017 04:44 PM - Veronique bouzid

- Status changed from New to Closed

Bug corrigé en 3.1.0.6.  
Le script joué se nomme

les fichiers (2017\_01\_17-15\_09\_58\*) sont rangés dans le répertoire data/R3+/3.1.0.6/3.1.91/TESTS-UNITAIRES/send\_one\_tc\_load\_kcoeff.  
Suite à l'envoi de la TC celle-ci est acquittée avec succès.

15:09:53.352342, **TC\_LFR\_LOAD\_KCOEFFICIENTS**, CCSDS\_VERSION\_NUMBER = 0, PACKET\_TYPE: TC\_PACKET = 1, DATA\_FIELD\_HEADER\_FLAG: WITH\_HEADER = 1, PROCESS\_ID: RPW\_PID\_2 = 76, PACKET\_CATEGORY: PRIVATE\_SCIENCE\_OR\_TELECOMMAND = 12, (PACKET\_ID=0x1ccc), SEGMENTATION\_GROUPING\_FLAG: STANDALONE\_PACKET = 3, SEQUENCE\_CNT=13178, (PACKET\_SEQUENCE\_CONTROL=0xf37a), PACKET\_LENGTH=135, CCSDS\_SECONDARY\_HEADER\_FLAG=0, PUS\_VERSION = 1, ACK\_EXECUTION\_COMPLETION=1, ACK\_EXECUTION\_PROGRESS=0, ACK\_EXECUTION\_START=0, ACK\_ACCEPTANCE=1, SERVICE\_TYPE: EQ\_CONFIGURATION = 181, SERVICE\_SUBTYPE: LOAD\_KCOEFFICIENTS = 93, SOURCE\_ID: MISSION\_TIMELINE = 110, KCOEFF\_FREQ = 0, KCOEFF\_1 = 1065353216, KCOEFF\_2 = 1065353216, KCOEFF\_3 = 1065353216, KCOEFF\_4 = 1065353216, KCOEFF\_5 = 1065353216, KCOEFF\_6 = 1065353216, KCOEFF\_7 = 1065353216, KCOEFF\_8 = 1065353216, KCOEFF\_9 = 1065353216, KCOEFF\_10 = 1065353216, KCOEFF\_11 = 1065353216, KCOEFF\_12 = 1065353216, KCOEFF\_13 = 1065353216, KCOEFF\_14 = 1065353216, KCOEFF\_15 = 1065353216, KCOEFF\_16 = 1065353216, KCOEFF\_17 = 1065353216, KCOEFF\_18 = 1065353216, KCOEFF\_19 = 1065353216, KCOEFF\_20 = 1065353216, KCOEFF\_21 = 1065353216, KCOEFF\_22 = 1065353216, KCOEFF\_23 = 1065353216, KCOEFF\_24 = 1065353216, KCOEFF\_25 = 1065353216, KCOEFF\_26 = 1065353216, KCOEFF\_27 = 1065353216, KCOEFF\_28 = 1065353216, KCOEFF\_29 = 1065353216, KCOEFF\_30 = 1065353216, KCOEFF\_31 = 1065353216, KCOEFF\_32 = 1065353216, CRC = 0x1902

15:09:53.363102, **TM\_LFR\_TC\_EXE\_SUCCESS**, CCSDS\_VERSION\_NUMBER = 0, PACKET\_TYPE: TM\_PACKET = 0, DATA\_FIELD\_HEADER\_FLAG: WITH\_HEADER = 1, PROCESS\_ID: RPW\_PID\_2 = 76, PACKET\_CATEGORY: ACKNOWLEDGE = 1, (PACKET\_ID=0xcc1), SEGMENTATION\_GROUPING\_FLAG: STANDALONE\_PACKET = 3, SEQUENCE\_CNT=1, (PACKET\_SEQUENCE\_CONTROL=0xc001), PACKET\_LENGTH=13, SPARE\_1=0, PUS\_VERSION = 1, SPARE\_2=0, SERVICE\_TYPE: TELECOMMAND\_VERIFICATION = 1, SERVICE\_SUBTYPE: TC\_EXECUTION\_COMPLETION\_SUCCESS = 7, DESTINATION\_ID: MISSION\_TIMELINE = 110, TIME=0x800000096fc7, PA\_RPW\_TELECOMMAND\_PKT\_ID=0x1ccc, PA\_RPW\_PKT\_SEQ\_CONTROL=0xf37a

Un test plus couvrant est fait dans la SVS-0003.

## Files

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send_one_tc_load_kcoeff.py	5.58 KB	17/01/2017	Veronique bouzid
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