

## VHDLlib - Task #45

Task # 4 (Closed): WaveFormPicker Verification

### WFP - fault detection

28/01/2014 01:28 PM - Jean-Christophe Pellion

<b>Status:</b>	Closed	<b>Start date:</b>	28/01/2014
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Jean-Christophe Pellion	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	1.0	<b>Spent time:</b>	0.00 hour
<b>revision:</b>			
<b>Description</b> Context : Normally, all data of a snapshot must be write into memory buffer before the next snapshot. By consequence when a new snapshot occurs, WF fifo should be empty.  Problem : During the exploitation, an errors can occurs and desynchronise the snaphot controller and the fifo.  Solution ? <ul style="list-style-type: none"><li>• Synchronised fifo "reset" with the waveform controler.  The problem is solved only if it's FIFO that is desynchronized.</li><li>• Checked consistency of TIME field in the memory buffer.  If one element of the WaveFormPicker is desynchronized, the software can detect the problem. If it's a "data shift" into the memory, the Time Field should be corrupt. And if it's a "time shift", the date in the Time Field should not be coherent.</li></ul>			

### History

#### #1 - 25/02/2014 02:22 PM - Jean-Christophe Pellion

- Assignee changed from paul leroy to Jean-Christophe Pellion
- Parent task set to #4

#### #2 - 25/02/2014 02:45 PM - Jean-Christophe Pellion

- Target version set to 1.0

#### #3 - 02/12/2016 01:13 PM - Jean-Christophe Pellion

- Status changed from New to Closed