

Knowledgebase > FAQs by core architecture > Arm > [Arm] Break command returns "emulation running"

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The target did not respond to the break request. Possible reasons are:

- Target is in secure mode, and debugging in secure mode is not possible. The message (secure) is displayed in this case in the status line.
- Processor stall. See below.
- The processor is in power saving mode
- In SMP, not all cores are accessible: retry after CORE.ASSIGN 1 or CORE.ASSIGN 2
- Core has no power or is in reset
- If the message running (reset) appears, then it might be that the power supply does not deliver enough power.

Processor Stall

The target does not respond. Typical example: the target accessed a non-defined address, which causes a bus stall.

ETM Trace

If the problem can be reproduced, then perform the following steps:

- 1. set-up the trace (on-chip / off-chip)
- 2. Execute Trace.Arm
- 3. Reproduce the problem
- 4. Execute Trace.OFF
- 5. Check the **Trace.List** window starting from the end

If the problem cannot be reproduced (e.g. sporadic problem):

- 1. Execute **Trace.Arm** (if trace is not already armed).
- 2. Execute Trace.OFF
- 3. Check the end of the Trace.List window

In case of CPU crash/stall, the memory to decode the trace might be not accessible. Load in this case the application to the VM: (e.g. Data.LOAD.Elf MyFile.elf VM:0) and set Trace.ACCESS VM in order to get results in the Trace.List window.

Sample the program counter with the SNOOPer

Use the **SNOOPer** to have an idea around which address the target is executing

SNOOPer.Mode PC

SNOOPer.Arm ; wait a couple of seconds SNOOPer.OFF SNOOPer.List

If the PC is changing in the **SNOOPer.List** window then the processor is not stalled. If the PC stuck at a single address:

- If this address corresponds to an idle loop, then this is not an error
- Otherwise, the processor is most probably stuck around this address. Check your
 code based on the PC value. Please note however that the program counter address
 sampled by the SNOOPer is not necessarily in this case the same address which
 caused the processor stall.

Tags			
Arm			