Noral Flex Debugger

Abstract

This document describes the usage of the Noral Flex debugger as target system (using the HC12 BDM target interface).

***Please note**: The Noral Flex debugger requires some initial reset handling after switching power on. Afterwards, the test may be run as usual from TESSY.*

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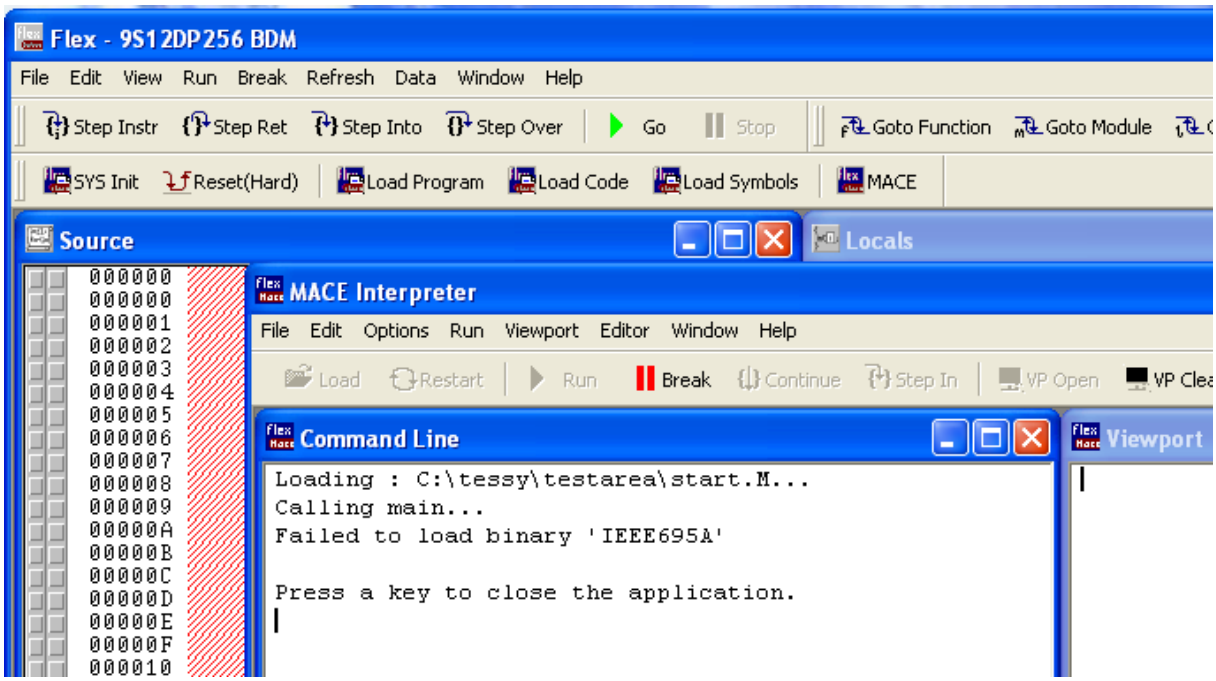
1 Noral Flex Debugger

The communication between TESSY and the debugger is based on the MACE scripting facility of the Noral Flex debugger. The debugger is started automatically from TESSY when the test run starts. Please make sure to close any running instance of the Noral Flex debugger and any MACE editor window before running test within TESSY.

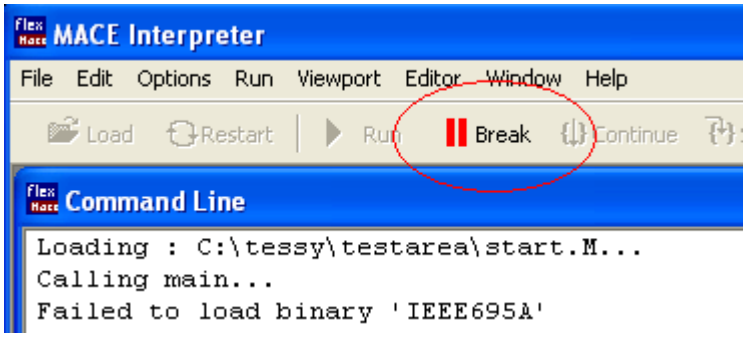
1.1 Initialization Problem

If the Noral Flex debugger does not start the test execution automatically, there may be an initialization problem of the debugger or the BDM interface itself.



The above screen shot shows the messages, if the target initialization within Noral Flex debugger failed. In this case do the following:

- Press the **Break** button within the **MACE Interpreter**



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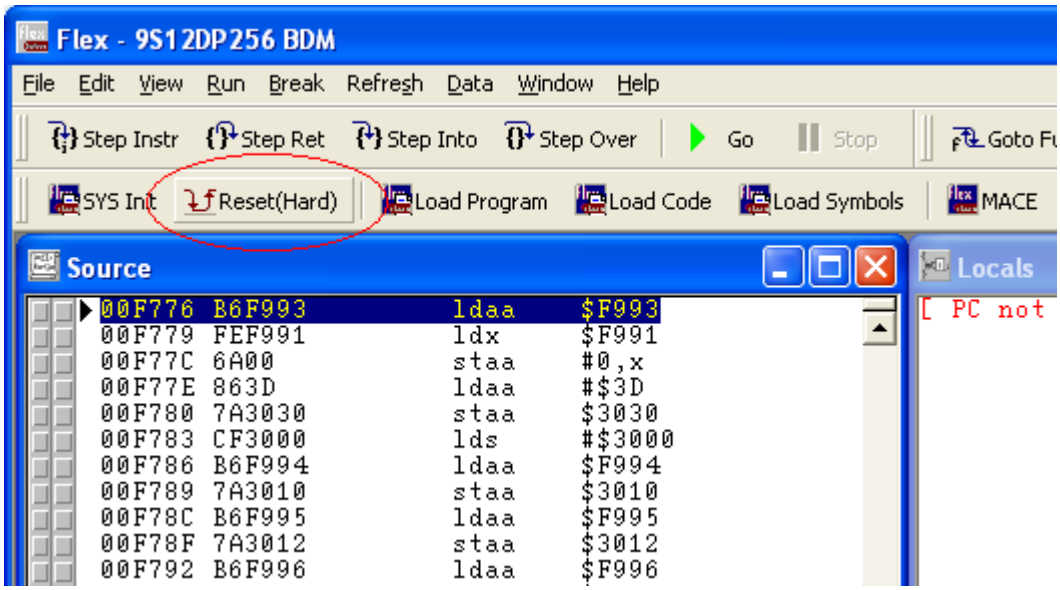
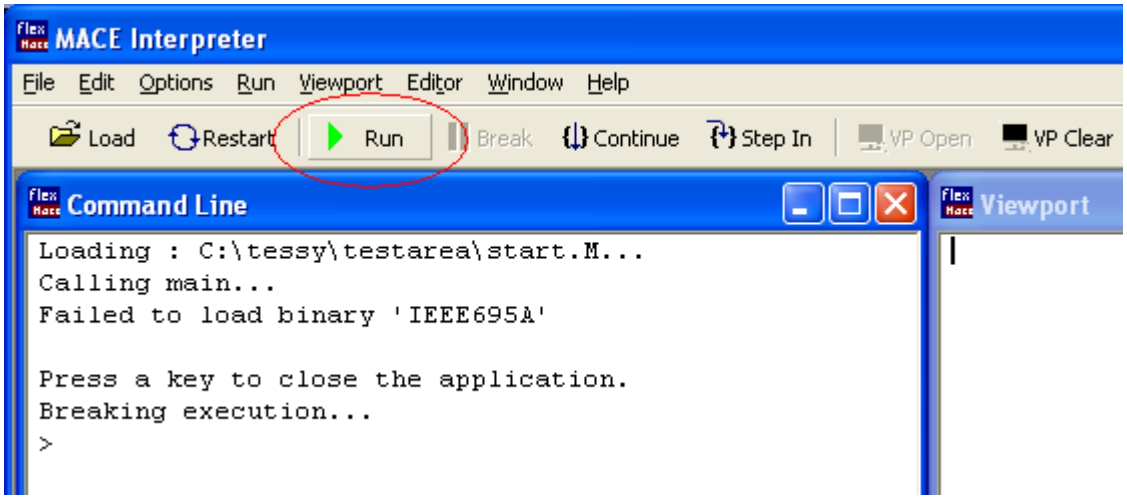
- Press the **Reset** button within **Noral Flex debugger**



This should reset the hardware to a proper status (Some dialogs will pop up allowing to initialize the configuration. Refer to the Noral Flex manual for details).

You may now proceed with the test using the MACE Interpreter. Press the **Run** button within the **MACE Interpreter** to restart the test execution script.



If everything went fine, the following message should be present within the MACE Interpreter indicating the test completed status:

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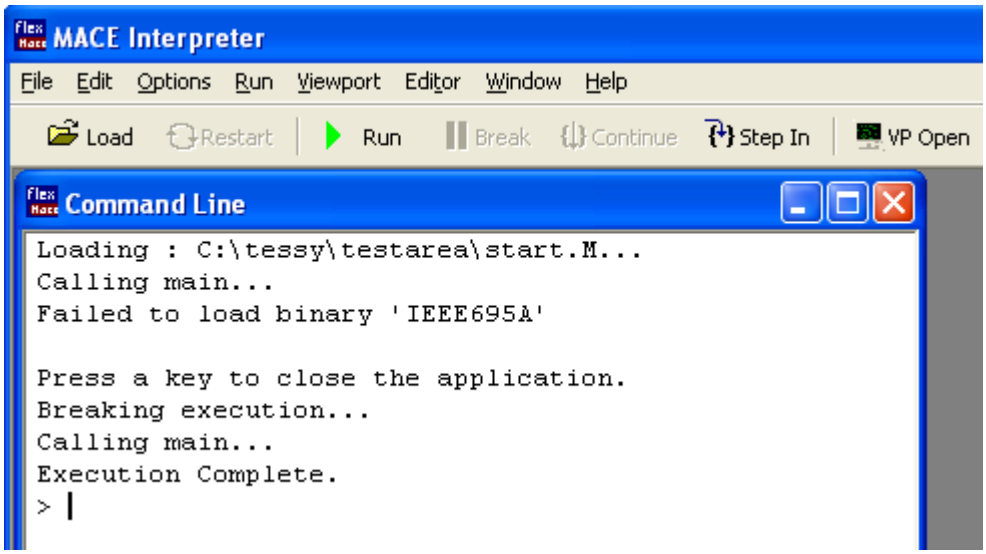

Please close **MACE Interpreter** to finish the initial test run. All subsequent test runs should open and close the MACE Interpreter and the Noral Flex debugger automatically.

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