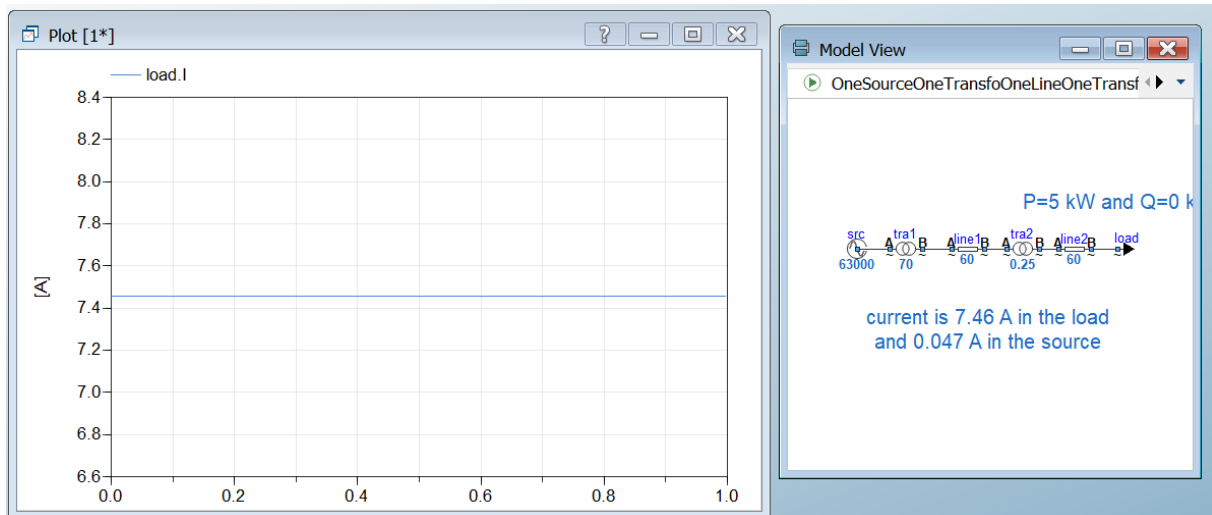# Test done on model
OneSourceOneTransfoOneLineOneTransfoOneLineOneLoad
in PowerSysPo.Example

Here is the plot from Dymola (current I in load):

And here is the plot from OM (with the option --tearingMethod=minimalTearing):

The result is correct in the Variables Browser but **the plot is very strange...**

Plot : 1

Auto Scale | Fit in View | Save | Print | Grid | Detailed Grid | No Grid | ☐ Log X | ☐ Log Y | Setup

— load.I (A)

7.458

7.458

7.458

7.458

7.458

7.458

0   0.2   0.4   0.6   0.8   1

time (s)

Navigateur de Messages

All | Notifications | Warnings | Errors

[3] 09:34:02 Traduction Avertissement
[PowerSysPro: 167:7-169:13]: In relation line2.Imax <> 0.0, <> on Real numbers is only allowed inside functions.

[4] 09:34:02 Traduction Avertissement
[PowerSysPro: 167:7-169:13]: In relation line1.Imax <> 0.0, <> on Real numbers is only allowed inside functions.

[5] 09:34:02 Traduction Avertissement
[PowerSysPro: 426:9-428:15]: In relation tra1.SNom <> 0.0, <> on Real numbers is only allowed inside functions.

[6] 09:34:02 Symbolique Avertissement
The model contains alias variables with redundant start and/
or conflicting nominal values. It is recommended to resolve the conflicts, because otherwise the system could be hard to solve. To print the conflicting ali
as sets and the chosen candidates please use -d=aliasConflicts.

Navigateur de Documentation

info | rev | header

PowerSysPro.Examples.OneSourceOne

Navigateur de Variables

Filter Variables

Simulation Time Unit   s

Time: 0.0   Speed: 1

Variables	Valeur	Display U
⊞ line1		
⊞ line2		
⊟ load		
☑ I	7.45782	A
☐ P	5	kW
☐ Q	0	kvar
☐ S	5	kVA
☐ U	0.387077	kV
☐ UNom	0.4	kV
☐ highVoltage	1.1	1
☐ lowVoltage	0.9	1
☐ maxU	0.44	kV
☐ minU	0.36	kV
⊞ terminal		
⊟ src		
☐ I	0.0473512	A
☐ S	5.166930000000001	kVA