1 Variables

2 root

	var	symbol	documentation	type	units	tokens	eqs

3 physical

	var	symbol	documentation	type	units	tokens	eqs

4   control

	var	symbol	documentation	type	units	tokens	eqs

5 reactions

	var	symbol	documentation	type	units	tokens	eqs

6   material

		var	symbol	documentation	type	units	tokens	eqs
1		a_N	a	test	constant	*mol*	[]	
4	3	c_N	c		effort	*mol*	[]	3
3	2	b_N	b		property	*mol*	[]	2

7 macroscopic

	var	symbol	documentation	type	units	tokens	eqs

8 solid

	var	symbol	documentation	type	units	tokens	eqs

9   fluid

	var	symbol	documentation	type	units	tokens	eqs

10   liquid

	var	symbol	documentation	type	units	tokens	eqs

11 gas

	var	symbol	documentation	type	units	tokens	eqs

12   control–control

	var	symbol	documentation	type	units	tokens	eqs

13   gas–liquid

	var	symbol	documentation	type	units	tokens	eqs

14 gas–gas

	var	symbol	documentation	type	units	tokens	eqs

15 liquid–liquid

	var	symbol	documentation	type	units	tokens	eqs

16 gas–solid

	var	symbol	documentation	type	units	tokens	eqs

17 solid–solid

	var	symbol	documentation	type	units	tokens	eqs

18 liquid–solid

	var	symbol	documentation	type	units	tokens	eqs

19   material–material

	var	symbol	documentation	type	units	tokens	eqs

20 reactions–reactions

	var	symbol	documentation	type	units	tokens	eqs

21 control–reactions

	var	symbol	documentation	type	units	tokens	eqs

22 reactions–control

	var	symbol	documentation	type	units	tokens	eqs

23   control–material

	var	symbol	documentation	type	units	tokens	eqs

24   material–control

	var	symbol	documentation	type	units	tokens	eqs

25 control–macroscopic

	var	symbol	documentation	type	units	tokens	eqs

26 macroscopic–control

	var	symbol	documentation	type	units	tokens	eqs

27 reactions–material

	var	symbol	documentation	type	units	tokens	eqs

28   material–reactions

	var	symbol	documentation	type	units	tokens	eqs

29 reactions–macroscopic

	var	symbol	documentation	type	units	tokens	eqs

30 macroscopic–reactions

	var	symbol	documentation	type	units	tokens	eqs

31   material–macroscopic

	var	symbol	documentation	type	units	tokens	eqs
2	a_N	a	link variable a to interface material »> macroscopic	get	*mol*	[]	1
5	b_N	b	link variable b to interface material »> macroscopic	get	*mol*	[]	4
6	b_N	b	link variable b to interface material »> macroscopic	get	*mol*	[]	5
7	b_N	b	link variable b to interface material »> macroscopic	get	*mol*	[]	6

32   macroscopic–material

	var	symbol	documentation	type	units	tokens	eqs

33 Equations

34   Generic

no	equation	documentation	layer
2	$b_N := a_N + a_N$	var doc :	material
3	$c_N := a_N + a_N + a_N$	var doc :	material

35   Interface Link Equation

no	equation	documentation	layer
1	$a_N := a_N$	interface equation	material –> macroscopic
4	$b_N := b_N$	interface equation	material –> macroscopic
5	$b_N := b_N$	interface equation	material –> macroscopic
6	$b_N := b_N$	interface equation	material –> macroscopic