80%

BSCU.xml ✕

Components

System

Enabled Transition

[0,2] System.T19
[0,2] System.T26
[2,2] System.T8

Settings

Simulation Contro

Token selection:

‹ › 1.00000

Simulation History

Initial Marking
System.T38
System.T2
System.T3
System.T14
System.T15
System.T16
System.Power1Mon
System.T4
System.PedalPos1Com
System.Power1Com
System.T5
System.PedalPos1Mon
System.T26
System.T19
System.T27
TimeDelay: 1
Deadlock

Workflow Analysis

About the Workflow

Type of the workflow: Extended workflow net   Inhibitor arcs: No

Input place: in   Urgent transitions: Yes

Output place: out   Age Invariants: Yes

Workflow Properties

☑ Check soundness.   ☑ Calculate minimum duration.

☑ Check strong soundness.   ☑ Calculate maximum duration.

Analysis Results

Soundness: Not satisfied   Est. time: 0.07s, memory: N/A

A deadlock marking is reachable.   Show trace

Minimum duration: Undefined

Strong soundness: Not satisfied
The workflow is not sound.

Maximum duration: Undefined

Number of extra tokens: 6 ↕   Check boundedness

Help   Close   Analyse the workflow

in

T38

StartTCSD_Com

T14   T2

[0,0] : 1   P3
Inv: 0

[0,0] : 1

: 1   P4
Inv: <= 2

T15   T3

StartTCSD_Switch

0.0

T26

T27   [0,0] : 1
: 1   Inv: <= 0

P22   P9   T4   [1,1] : 1   P5
Inv: <= 1
Power1MorPedalPos1Com   Power1Com   T29   : 1

: 1   : 1 Inv: <= 2   : 1   CMD   P39
Inv: <= 2

0.0 P26   P10   P8

: 2   AntiSkidCom2

: 2

[2,2] : 1   [2,2] : 1 P6   Inv: <= 2
Inv: <= 2

: 1   T20   T8   : 1   CMD1Com1   : 1

: 1   P11   AntiSkidCom1   [2,2] : 1
Inv: <= 6   Inv: <= 2

P30   : 1   P1   : 2   T34
Inv: <= 5   Inv: <= 6

: 1 AntiSkid   : 2   Inv: <= 2

P31   [5,5] : 1   : 2   P44
Inv: <= 5   P13   AntiSkidOut   Inv: <= 5
Inv: <= 6

P32   [5,5] : 1
Inv: <= 6   P14   T37
Inv: <= 6   Inv: <= 5

P33   [6,6] : 1   [6,6] : 1 P1
Inv: <= 6   : 1   Inv: <= 6

EndTCSD_Mon   EndTCSD_Com   EndTCSD_Switch

T39

out

Simulation Mode: Red transitions are enabled, click a transition to fire it