

Simulated Railroad Framework, <http://simulrr.sourceforge.net>

Synopsis: [000_Synopsis](#)

This file valid for step 0033.10

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The N-Way Switch

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1 Synopsis

The N-Way Switch (MoosSwitchB) is nearly identical to the binary switch (MoosSwitchA), with two essential differences:

- the state is not a boolean value (SFBool), but an integer (SFInt32)
- the user must indicate the number of states ("numberOfStates" (SFInt32))

MoosSwitchB is used in turnouts. Having more than two states, is a preparation for the implementation of 3-way turnouts (*not yet implemented*).

MoosSwitchB is used at the "turnoutSwitch" field of the SrrTrackNode SRR Object, when it is used as node "A" in a basic two-way turnout.

2 Purpose

Tbd.

3 External View

The MIDAS Object "N-Way Switch" can be used in

- bound/intrinsic models in static modules
- bound/intrinsic models in dynamic modules (not yet tested)
- unbound models (not yet tested)

4 Internal View

Tbd.

5 Additional Info

none