What about leading zeroes? E.g.:

10000100 s\_0 0010

* Check slides and adjust encoding (right most bit is first bit for right side so leading zeroes don’t matter

Best way to 0 least significant bit? Currently LeftShift(RightShift x)

Encode states

States in turing.thy are encodes as a list, where the nth state is defined by the nth (blank cell) and the (nth + 1) (Occupied cell) element

Ein Bild, das Text enthält.

Automatisch generierte Beschreibung

How to encode that list:

Idea(n=amount states, 2n= size of statelist):

* Create 2n variables and set to 0 | How to create these variables dynamically? (to-string?)
* Transition to mth state 🡪 mth variable::=1
* Mth block: IF m != 0 THEN action for m;; m::= 0;; i::=1 ELSE SKIP