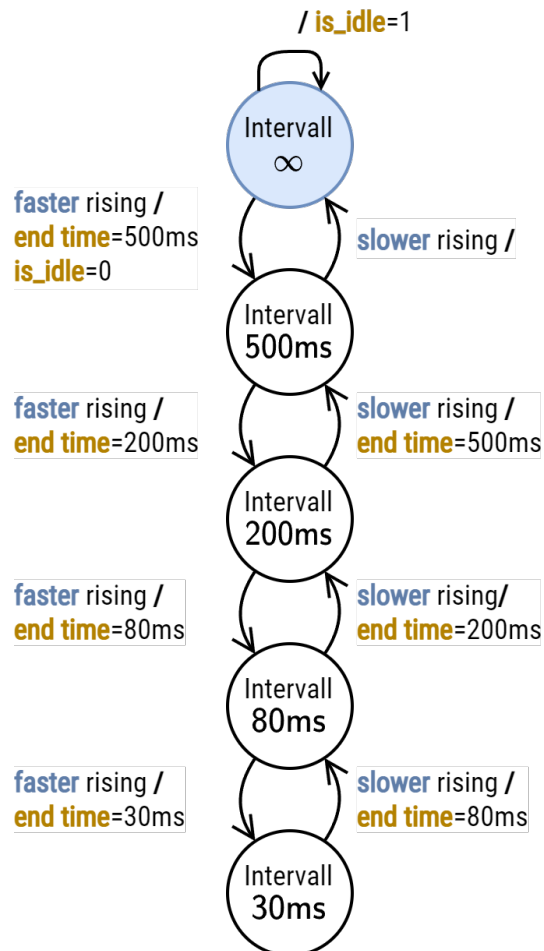


LED-Lauflicht

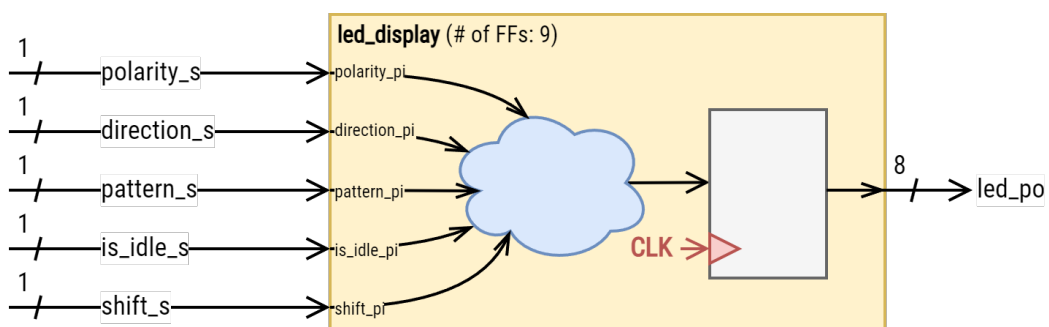
Testarbeit

Joel von Rotz

Zustandsdiagramm FSM



RTL-Schema led_display



Aufstellung der Register

Register entnommen via `get_cells -hier -filter {PRIMITIVE_TYPE =~ FLOP*}` in der *Tcl Console*.

Entity	Register Namen	Anzahl FF
rst_sync		5
	rst_sr	4
	rst_po	1
2 × sync_deb		2 × 27
	sync_r1	1
	sync_r2	1
	deb_out / deb_po	1
	deb_cnt	24
3 × sync		3 × 2
	sync_tmp	1
	sync_po	1
led_control		47
	c_st_int	3
	com_cnt	27
	end_tme	12
	faster_seq	2
	slower_seq	2
	shift_po	1
led_display		9
	led_s / pattern_s	8
	direction_s	1
	Total	121