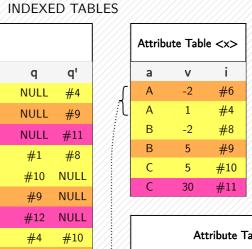
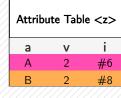


Activity Table					
REF	а	j	i	q	q'
#1	tracepayload	1	1	NULL	#4
#2	tracepayload	2	1	NULL	#9
#3	tracepayload	3	1	NULL	#11
#4	А	1	2	#1	#8
#5	А	1	5	#10	NULL
#6	А	2	3	#9	NULL
#7	А	3	4	#12	NULL
#8	В	1	3	#4	#10
#9	В	2	2	#2	#6
#10	С	1	4	#8	#5
#11	С	3	2	#3	#12
#12	С	3	3	#11	#7





Attribute Table <id></id>					
а	V	i			
trace_payload	"setup"	#0			
trace_payload	"processing"	#1			
trace_payload	"processing"	#2			

	Attrib	ute Tabl	e <y></y>
	a	V	i
	Α	1	#4
	Α	2	#3
	Α	10	#5
£	В	10	#7
	C	-3	#9
	С	4	#10

## INPUT MODEL

Declare Model  $(\mathcal{M})$ 

Response(A, x > 5, B, y < 0)

Succession(A, x > 5, B, y < 0)

Choice(A, true, B, y < 0) where A.x < B.y

Atomization Pipeline

## DECOMPOSED MODEL

Atomized Model				
Atom	Constituents			
$\mathcal{P}_1$	-∞≤ A.x ≤ 5			
$\mathcal{P}_2$	$5 \le A.x \le \infty$			
$\mathcal{P}_3$	-∞≤ B.y ≤ 0			
$\mathcal{P}_4$	0 ≤ B.y ≤ ∞			

