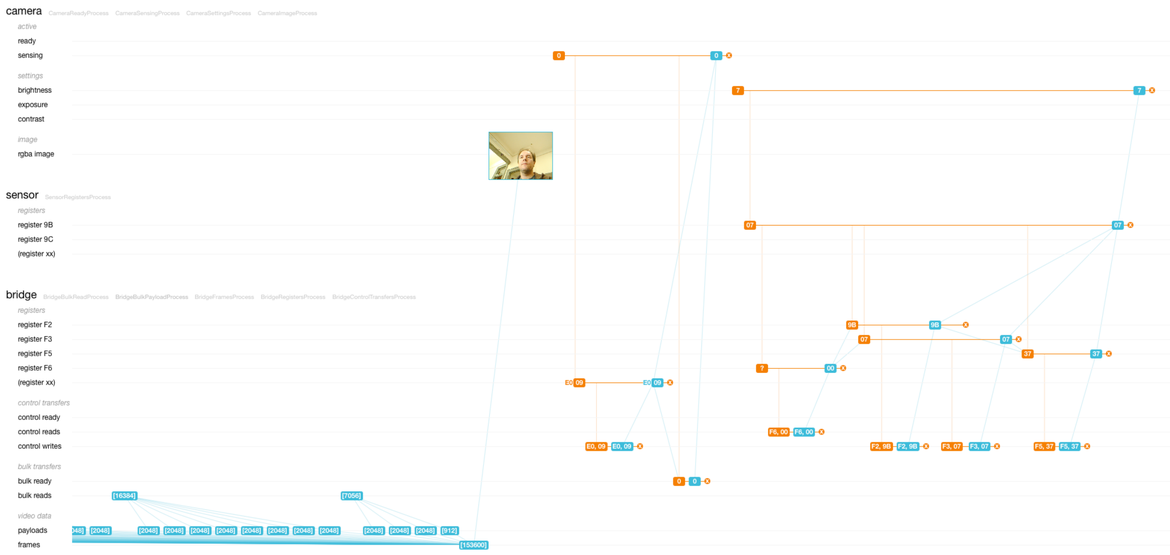
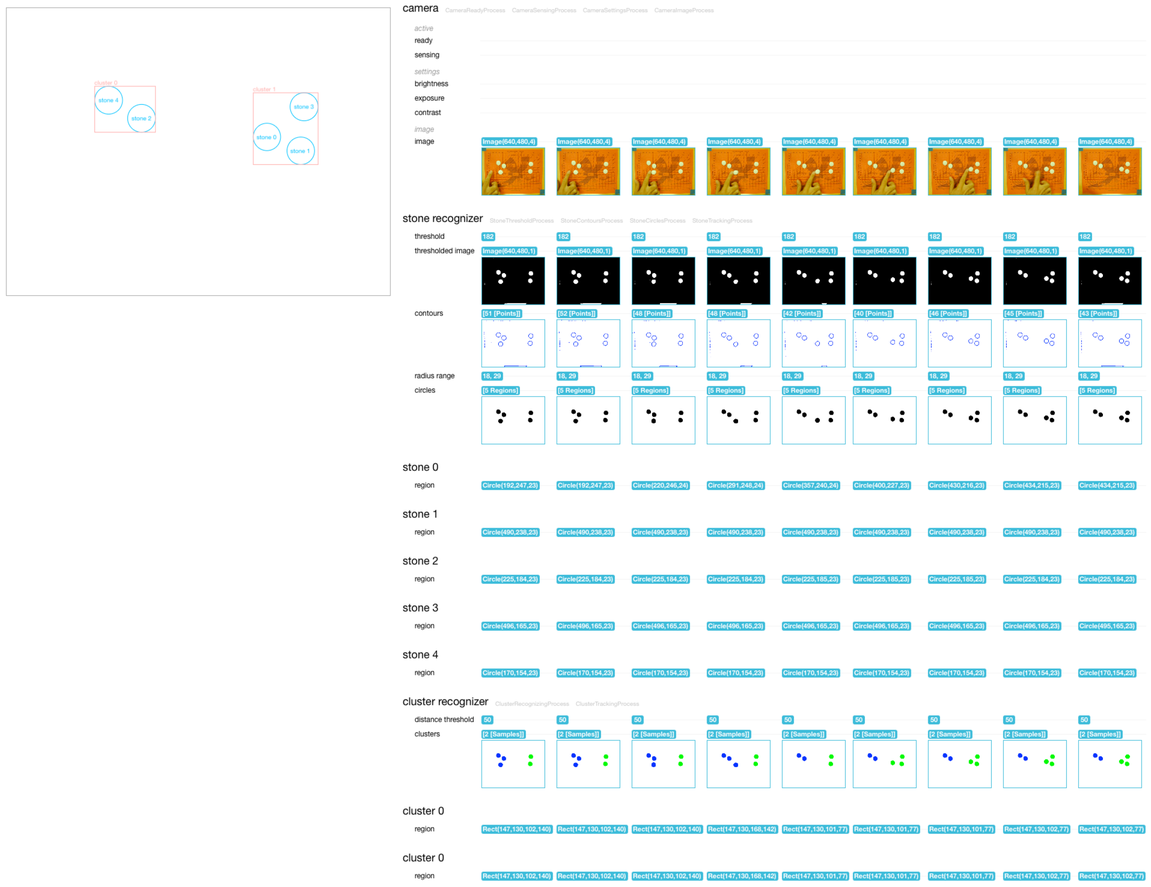
1 REALTALK CAMERA TOY

recording facts, opening and closing wishes
deriving wishes from wishes, and facts from facts
timeline representation



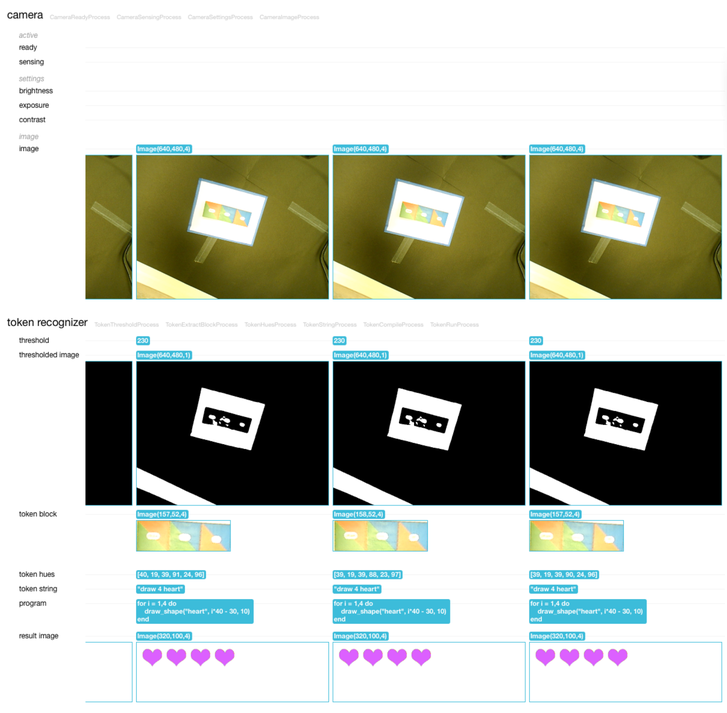
2 REALTALK RECOGNIZER TOY

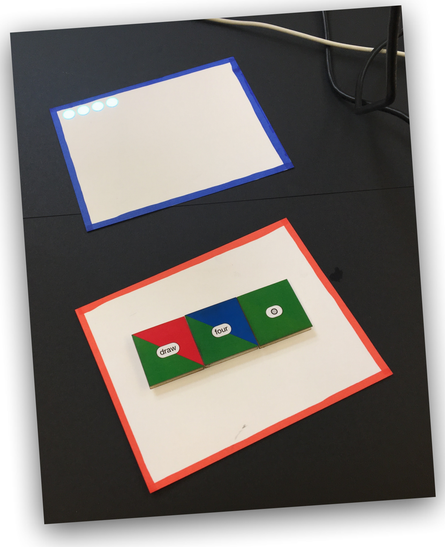
recognizing new objects, tracking objects
recognizing a group of objects as an object
map and timeline representations, together

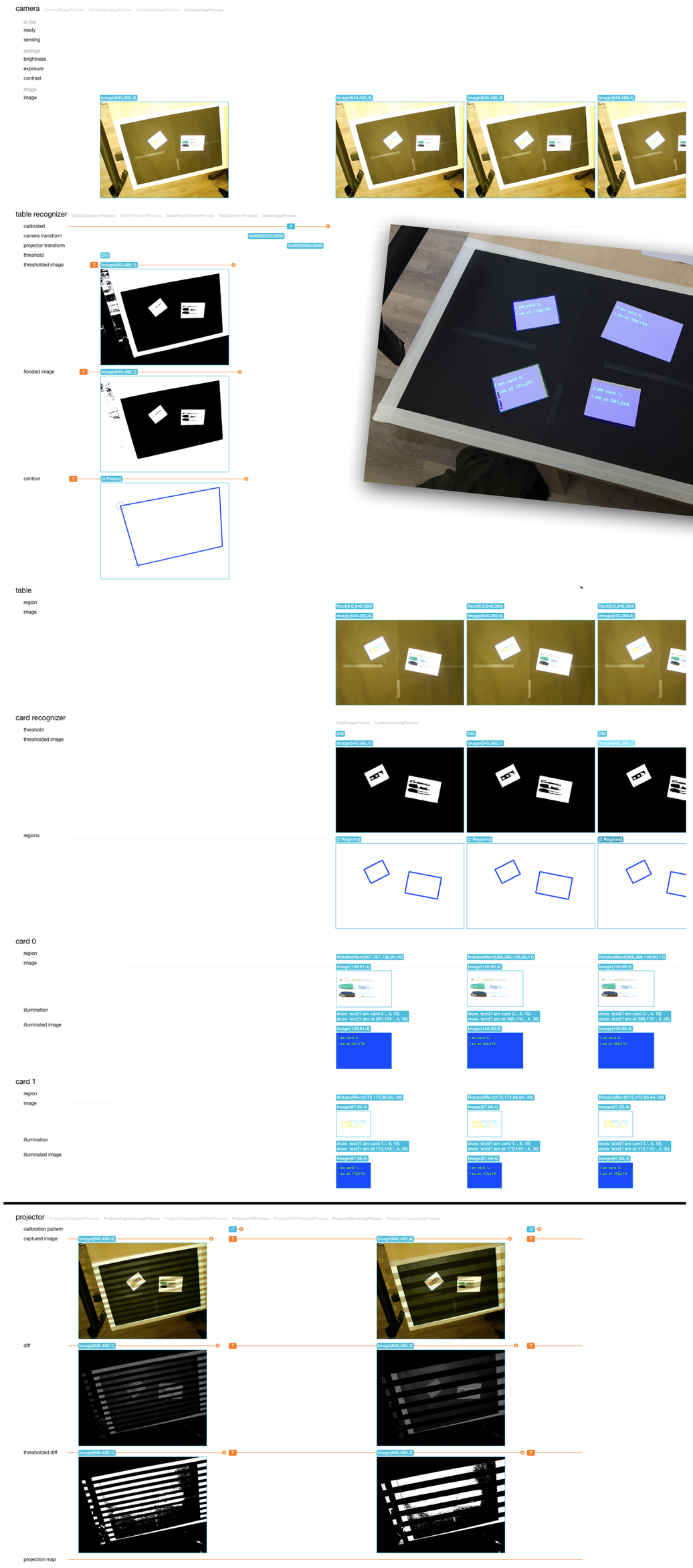


3 REALTALK CODE TOKEN TOY

visually recognizing a program that is physically on a card
compiling the program into an executable
executing the program in the context of another card





4 REALTALK TABLE TOY

automatic calibration of projector and camera
recognizing a table, then objects on the table
image observables, illumination observables