Fundamentals of CS

World worksheet

4 Oct 2010

; <u>lbu</u>	g -tick : lbug \rightarrow lbug $ ightharpoonup$ state type \rightarrow state type
	es the state following the given state if only time passes
(define	(<u>lbug-tick</u> current)
	current) ; stub, state is unchanged
	\sim STATE TYPE KeyEvent \rightarrow STATE TYPE state following the given state if given key is pressed
(define	(current key)
	current) ; stub, state is unchanged
; construc	<u>-render</u> : <u>lbug</u> → image ts an image representing the given state (<u>lbug-render</u> current)
	(text current 40 "red")) ; stub, renders as text
	(main init-val) (big-bang init-val
	(on-tick <u>lbug-tick</u>)
	(on-key)
	(to-draw ${\text{RENDER FUNCTION NAME}}$))
(main	lbug-init)