(outinuing from	last time:	FSMs (finit	re state nachines
Example; count		(White example of all all all all all all all all all al	rin ing one
+\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	They to	ir words.	
we want to heep to be able to	interpret th	n contextual u next chara	in fo acter
(besinning of ward context in a	(so not)	well kery too	ch of
	von-2bpce		
just read space (or in, it.		read ron-space	Shie
th. 1.5	_ has _ fou	r words.	
found new	in a ch		

How to program it! Nood the following: 1) way to keep track of where the token is in the diagram. - could use an integer variable (assign each state a unique number) noving the token? just assign a new value to this variable D Encode/hundle all the arrows. have a case for each state, and within that a condition for each whow leaving that state. if (just read space) { if (c!='' && c!= 'te' &d c!='In'){ / top arrow & diagram Count++; // count = # words found just randspace = tale; } else ? Morting to do ...

relse (

if (c!= 's&& c!= 't' && c!= 'n') {

nothing to do if just counting words.

} else {

just rockspace = true;
}

More interesting example: read C++ source and figure out if current character is part a connect (11 ... or 1/4 ... */)