29/UML State machine) When to use . If we us traditional State machine, it will have many repeated sides, Ex De sign a machine that count n dock with n = input => h is on extended State Variable load == 0 Stracture. (00d==1 2 data) Count 4 data Count down Static Cload == 02 Count == 1) count Count tC=1 tc = 0(Load == 1 2 data == 0) count C= data Load==02count)/ (load = =1 2 data >0 load = =1 & data == 0 Count LE data Count < 1 = Count - 1