SmartExp ChangeStepTask Period: 50ms ViewerCommunicatorTask Period: 50ms step=READY/ cnt:=0 read=bpOk/ step:=READY-_step=EXP_CONCLUDED ES1 /cnt:=0 sendOnce(step) step:=SUSPENDED current:=step ES0 step:=READ VC0 -step=EXPERIMENTATION-VC1 step:=ERROR sendOnce(current) sendOnce(step) bpBstart && !objectDetection/ cnt:=0 step!=current/current:=step step=READY/ cnt:=0 send(kd.distance) send(kd.speed) send(kd.acceleration) bpBstart && objectDetection/ cnt:=0 step:=EXP_CONCLUDED step:=EXPERIMENTATION, ES4 KinematicsTask 100ms<Period<1s -bpBStop--step!=EXPERIMENTATION-K0 -step=EXPERIMENTATION/ readPot-Step step kd.distance:=distance kd.speed:=speed kd.acceleration:=acceleration ActionTask L1:=0 Period: 50ms L2:=0 BlinkLedTask Period: 200ms motionDetected sleep mode _step=ERROR || _step=EXP_CONCLUDED A1 step=SUSPENDED BL0 BL1 BL2 step=READY L2:=0 L2:=1 L2:=0 A0 step!=ERROR && step!=EXP_CONCLUDED L1:=1 L2:=0 step!=ERROR && step=READY step!=EXP_CONCLUDED step=READY -step=ERRORstep=EXPERIMENTATION L1:=0 \L1:=0 L2:=1 L2:=0 KinematicsData kd L1:=0 -step=EXP_CONCLUDED-