	Control an actuator though cloud
	-AM: To control an actuator through cloud.
	1) Arduino
	2) DC Motol
	2) Dual H-11stidge
	3) 9v Rattely
	4) Juriper alites
	5) Bread board. (2 = 2 mil heating that the
	0 0000 2180
	-> Place the H-bridge in the residule of the
	bread board.
	- Connect The
	Top-(T pine to control to so both in
	notional to DY
	· Bottom- 2 to D3
	· ROPON-7 to D2
	Bottom - 3 Hower Donne
	· Rottom - 3 to DC Motor power. · Rottom - 6 to DC Motor power. · bottom - 4 and bottom - 5 pins to GND. · bottom - 4 and bottom - 5 pins to GND.
	· bottom - 4 and bottom
	> create new turny
	- Add three valiables - Roolean
	· Molar Scolean
	no con front
	Committee of the Line of the Committee o
1.5	transport the Control of the transfer of the Control of the Contro

-> Create thee widgets: two 'ewitch' widgets linked to the notor Switch & notor Direction Variables · Oue 'stider' widget uniter a value lange 0-255, linked to riotospeed Variable. Hindude Hring Peoperties-h' 1994 30 const int conteditini =2; (2) const int controlfina = 3; court but enablelin = 9; void setup () { Selial. begin (9600) pinMode (controlPin 1 OUTPUT); · prood horse pinMode (contaol Pin 2, OUTPUT); pin Mode (control enable fin , OUTPUT); init les preties (); Arduino Cloud. Degin (Addino 20T Preferred Connection set Debug Message Level (2); Addition Cloud : print Debug Ento () void loop(){ Arduino Cloud. post cepdate (); % (notol Direction == 1) { digital Wate (control Fini HIGH); digital Write (control Pin2, LOW); Selial printly ("notes direction ");

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else {
   digitalwrite (controlling, 2000);
  digital Weste (control Pinz, HIGH);
  Serial printer ("notor direction 2");
   (motoeswitch == 1){
    analoguste (enable Pin, motorspeed);
    Serval plintler ("notoe on");
yelse {
    avalog white (enable Pin, 0);
    Serial. plantler ("notor off");
      on notes Speed Change (7 {
void on Motor Switch Change () {
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(Caroli 4,75 : Company 3434 ich a Charle yel ach " a ga garduino GND July 1 -> H-bridge