Motorvator Gantry Clinic, Step by Step

1. Open up the MeccCompiler III (just be aware that it says MeccCompiler II on the top line. If you are unsure, check under the Help>About for which version).



2. Connect to the MotorVator

Click on the Red Motorvator symbol



and make sure you get the Black Motorvator Terminal Communications Session Window



If you don't get all the Green writing, then check your PC-Motorvator cable, close the Communications Session Window, then try clicking on the Red Motorvator again.

3. Load your source code.

🏈 Meccanisms 🛛 MeccC	ompiler II
File View Edit Compile N	NotorVator Windows Help
New Source File Ctrl	+N I
Open Source File Ctrl	+0
Get Source from Web	
Save Source File Ctrl	+S
Save Source File As	corvator Terminal Communications Session
Save All Source	ry! - Unknown Command
Print Source File Ctrl	+P
	Command? (H for Help) > * MotorVator 4 * Copyright (c)2003-2006, Ampworks Ltd - www.Ampworks Command? (H for Help) >



🧭 Meccanisms	MeccCompil	er II		
Open	Compile Motorva	icor windows Help		? 🛛
Look in:	Cinic	_	← 🗈 💣 💷 •	
D Recent	itutorial clinic1.txt clinic2.txt	🗐 rotation test 1.txt		
Desktop	 clinic3.txt clinic3b.txt clinic3c.txt clinic3c.txt clinic4.txt 			
My Documents	clinic4b.txt clinic5.txt clinic6.txt clinic6.txt			
My Computer	 clinic8.txt clinic8temp.tz clinic9.txt relay test ext 	xt ample.txt		
My Network	File name:	tot	<u> </u>	Open
Flaces	Files of type:	Source (Text) Files	•	Cancel

Meccanisms MeccCompiler II	
File View Edit Compile MotorVator Windows Help	
🗸 📝 🥔 🍃 🛛 🖳 🦌 😹 🛤 🔤 clinic1.bt	
<pre>clinic1.txt (Source Code) Declare Byte TravelSpeed = 50 Begin Program SetMotor 1, "F", TravelSpeed Wait 200 End Program</pre>	
	>
CAPS NUM	INS

4. Compile your source code



The first time, you need to select the starting file and Click OK

Seconisms MeccCompiler II	X
File View Edit Compile MotorVator Windows Help	
🗸 🗹 🥔 🍃 🛛 🖾 🎋 🕍 🛤 🔤 clinic1.bxt	
B clinic1.txt (Source Code)	^
Declare Byte TravelSpeed = 50	
Begin Program SetMotor 1. "F". TravelSpeed	
Wait 200	
End Program	
B Diana Salast	
Bringing Models to Life	
Please select the file to begin with (Key)	
cime tuxt	
	=
Select From Disk Cancel OK	

You should get a Compile completed with 0 Errors

Meccanisms MeccCompiler II		
File View Edit Compile MotorVator Windows Help		
j ✔ 🛃 🤎 🎽 j 🖳 🗞 🚵 🕅 👘 🗍 🎸 clinic1.txt		
🛱 clinic1.txt (Source Code)	Human Readable Object Code	
Declare Byte TravelSpeed = 50 Begin Program SetMotor 1, "F", TravelSpeed Wait 200 End Program	[0000]/0000 Begin Program: [0001]/0001 [0000]/0007 [0000]/0007 [0013]/0019 [0016]/0022 End Program: [0017]/0023 %5ysTemp2: [0018]/0027 Program_TravelSpeed: [0010]/0028 W_1: [0010]/0028 W_1: [0010]/0020 B_1: [0010]/0030 W_1: [0010]/0031 B_F: [0020]/0033 B_200: [0021]/0033 B_200: [0022]/0034 W_50: [0023]/0035 B_50:	NOF CLEAR WORD CLEAR WORD MOVE BYTE SET MOTOR FROM VARS WAIT FOR TIME END 0,0 0,0 0 0 1 1 0 200 0 50
Completed Syntax Check Begining Object Generation	<	
I orai object line's created = 18 Completed Object Generation Begining Linking of Object Total Bytes in Output = 36 Completed Linking Of Object Begining Object Output Completed Object Output Completed Compile *** Compile Compile		.og
		>
Line 8/7		CAPS NUM INS

5. Now download the code to the Motorvator.

Motorvator Gantry Clinic.d	Contraction of the second s	
	Meccanisms MeccCompiler II	
Elle Edit View Insert Form	File View Edit Compile MotorVator Windows Help	
1 🔁 🖏 🗸 🛛 🛃	∫ ✔ 📝 🤗 🙀 🗍 🖾 🐎 🔬 🛤 🛛 🚽 🎸 clinic1.txt	
	B clinic1.cxr (Source Code)	🗗 Humar
4 • 1 • 3 • 1 • 2 • 1 • 1 • 1 • 1 • 1 • 1 • 2 • 1 • 2	Declare Byte TravelSpeed = 50 Begin Program SetMotor 1, "F", TravelSpeed Wait 200 End Program	[0000]// [0001]// [0004]// [0000]// [0013]// [0013]// [0013]// [0019]// [0019]// [0010]// [0010]// [0010]// [0010]// [0020]// [0022]// [0023]//

You should see the Following text in the Communications Session Window, showing 18 Lines successfully loaded.



6. Run your code

Connect a motor to Output A. Click on the Green RUN

i Import of			
Syntax Ch I Syntax C I bject Ger ct lines cre	RUN	Motor 1- FWD C 0	FWD
1 Object G Linking of C s in Outpu 1 Linking C	STOP	OFF O	OFF BCK
Diject Outp	ut tout		

The motor should run for 2 seconds, and then Stop. Program Completed will show in the Communications Session window.



You've successfully completed your first program ©

7. Using another program.

Close your current program, by clicking on the X Icon on the Source Code Window



This will leave you with only the Communications Window

	1121 No. of AL
• *	
	Historical for Terminal Communications Services
	http://www.commit.
	Security (Care Select)
	• monthema 4 *
	Departulation and and with the August and Andrew August and an and
	Constant (1979) a fair of the second s
	Notor 1 Notor 2 Notor 3 Notor 4 Servo 1 Servo 2 Action
	SHP BCK C BC

Now go back to Step 3 and open another Source Code file (e.g. Clinic2.txt), and repeat the steps from there.

