**Hexapod**

Components

* Arduino mega 2560
* Bluetooth adapter for arduino HC-06

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Hexapod buttons

* Blue switch button - turn on/off the hexapod
* Yellow button - reset

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How to connect?

1. Turn on the hexapod
2. Wait a few seconds until it setup the legs to start position
3. Bluetooth red led is flashing - Hexapod is waiting for connect to android app
4. Open the app Hexapod in android phone.
5. Tap on Connect button on app and wait until bluetooth red led is flashing

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For edit hexapod code open the file **motion.ino**

Bluetooth adapter is SerialBT - Serial 3

motion.ino [line 165] - servoPins[18] - this array contain all servo pins (red numbers in picture)

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For construction and programming I was used and modified this sites:

<https://habr.com/post/156579/>

<https://lesson.iarduino.ru/page/robot_hexapod_2/>

<https://www.thingiverse.com/thing:1458471>

<http://www.coppeliarobotics.com/helpFiles/en/hexapodTutorial.htm>

<http://www.instructables.com/id/Simple-18dof-Hexapod-Arduino-nano-optionally-wit/>

<https://www.thingiverse.com/thing:56698>