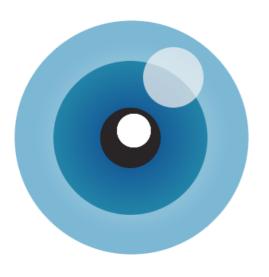
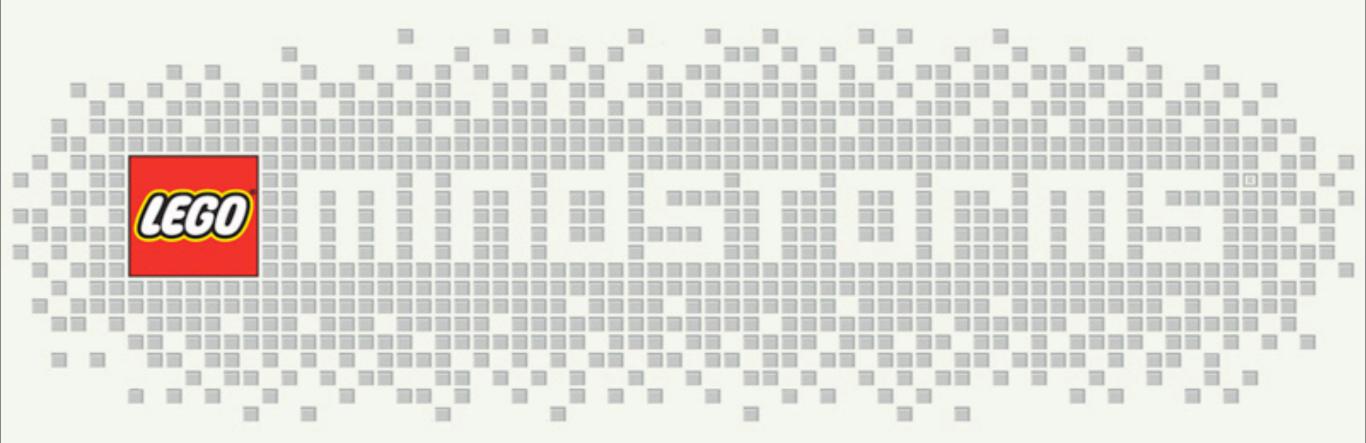
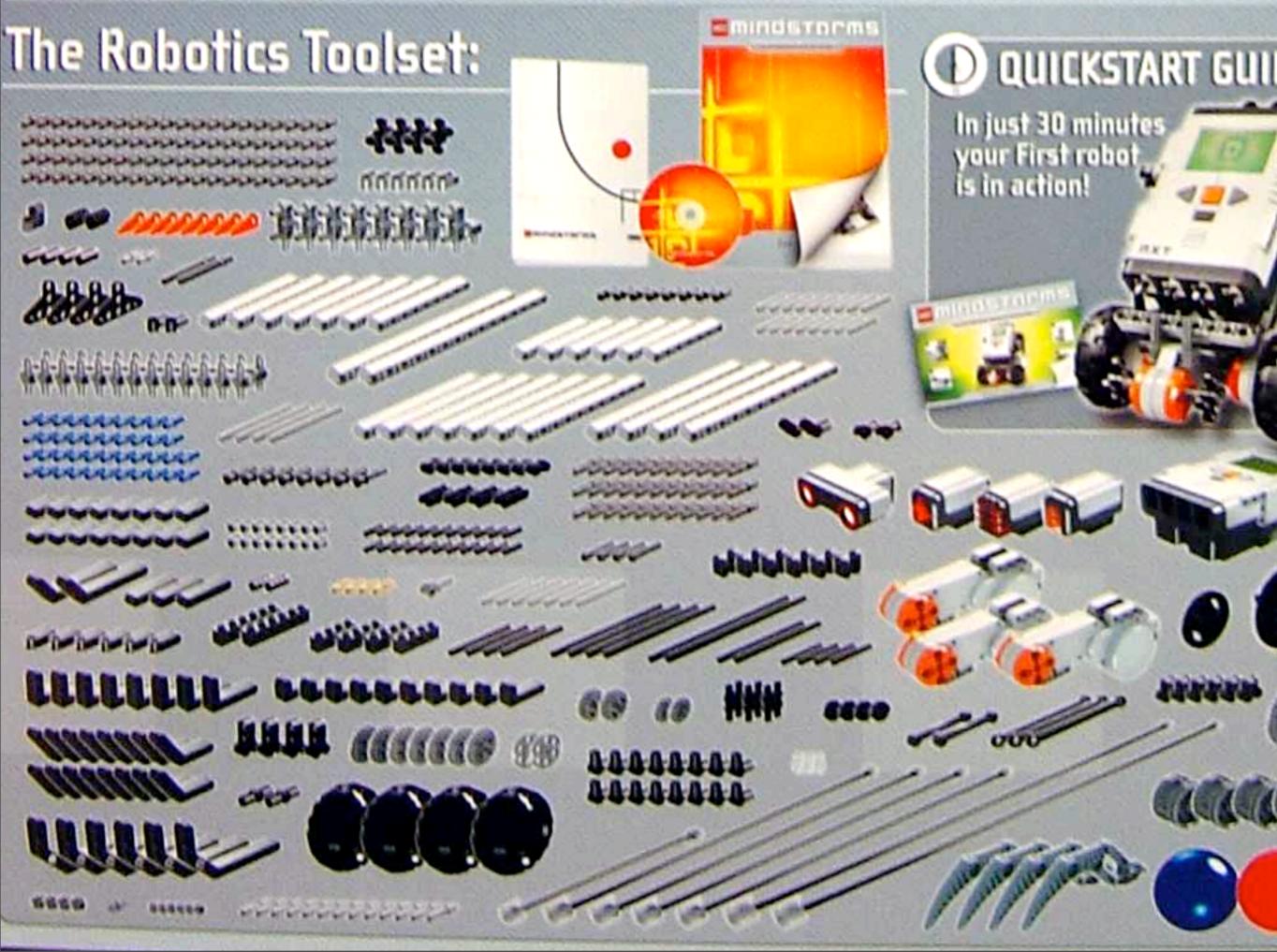
anton@linevich.com



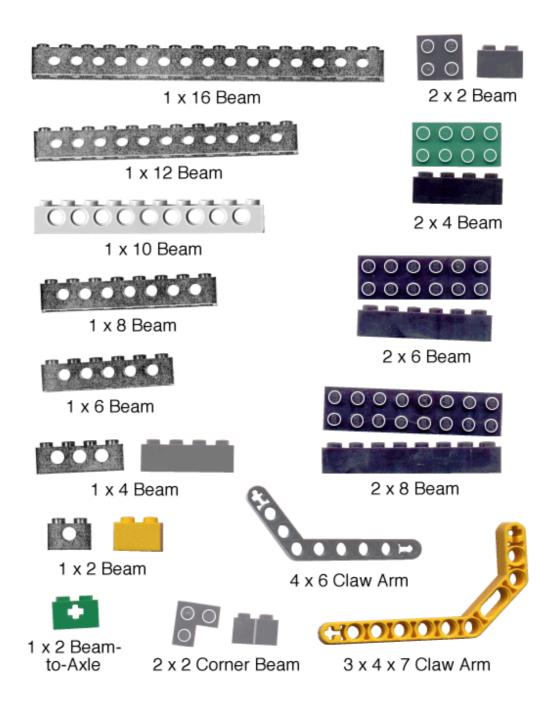
http://viewdle.com





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Beams

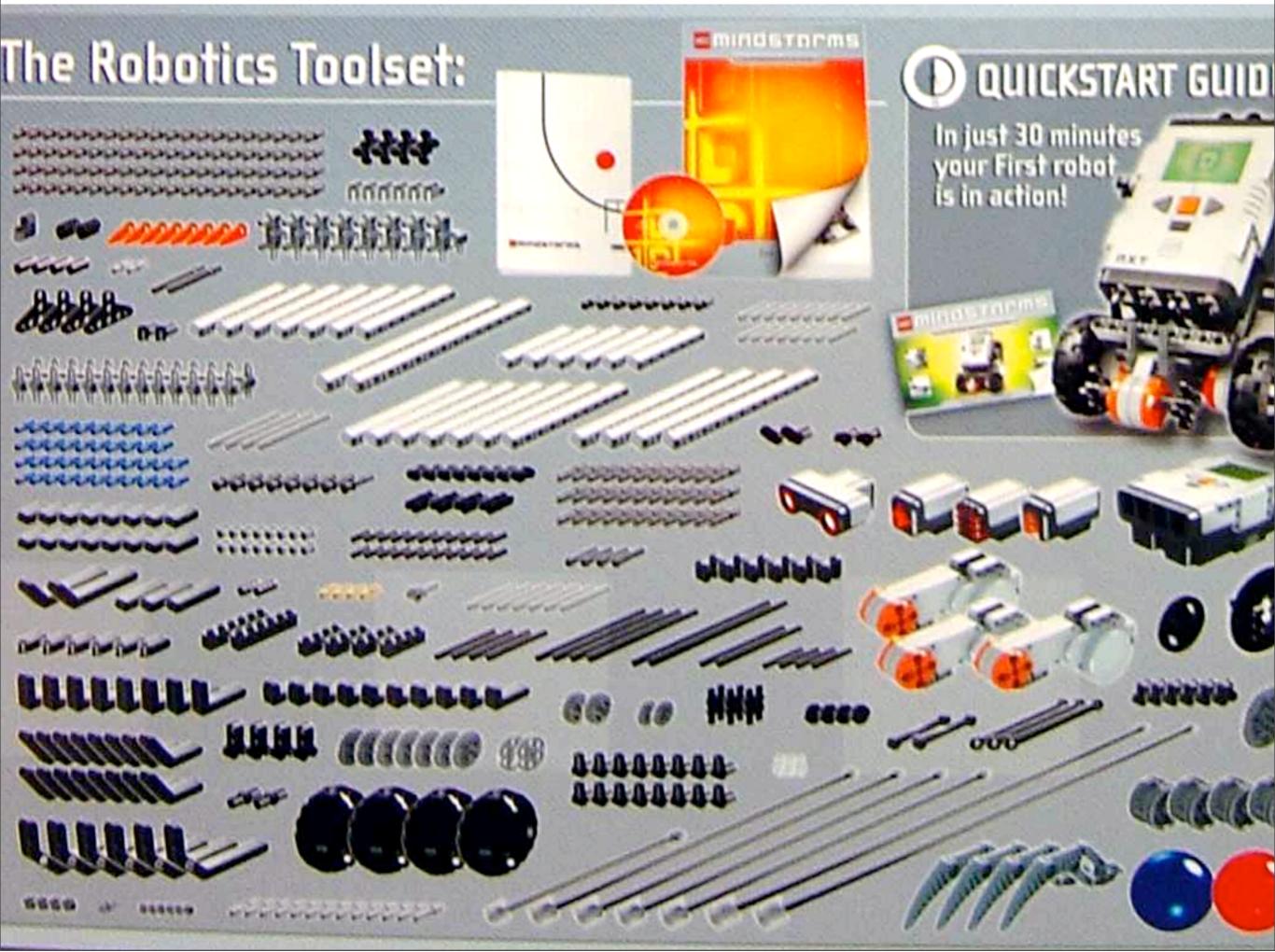


Axel and connectors



Gears





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Electronics



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NXT Brick

- 32-bit ARM7 processor @48MHz
- 256kB of Flash memory
 - 64kB of RAM
- 100x64 pixel LCD display
- USB & Bluetooth connectivity
- Open Source firmware



Touch Sensor



Sound Sensor



Light Sensor

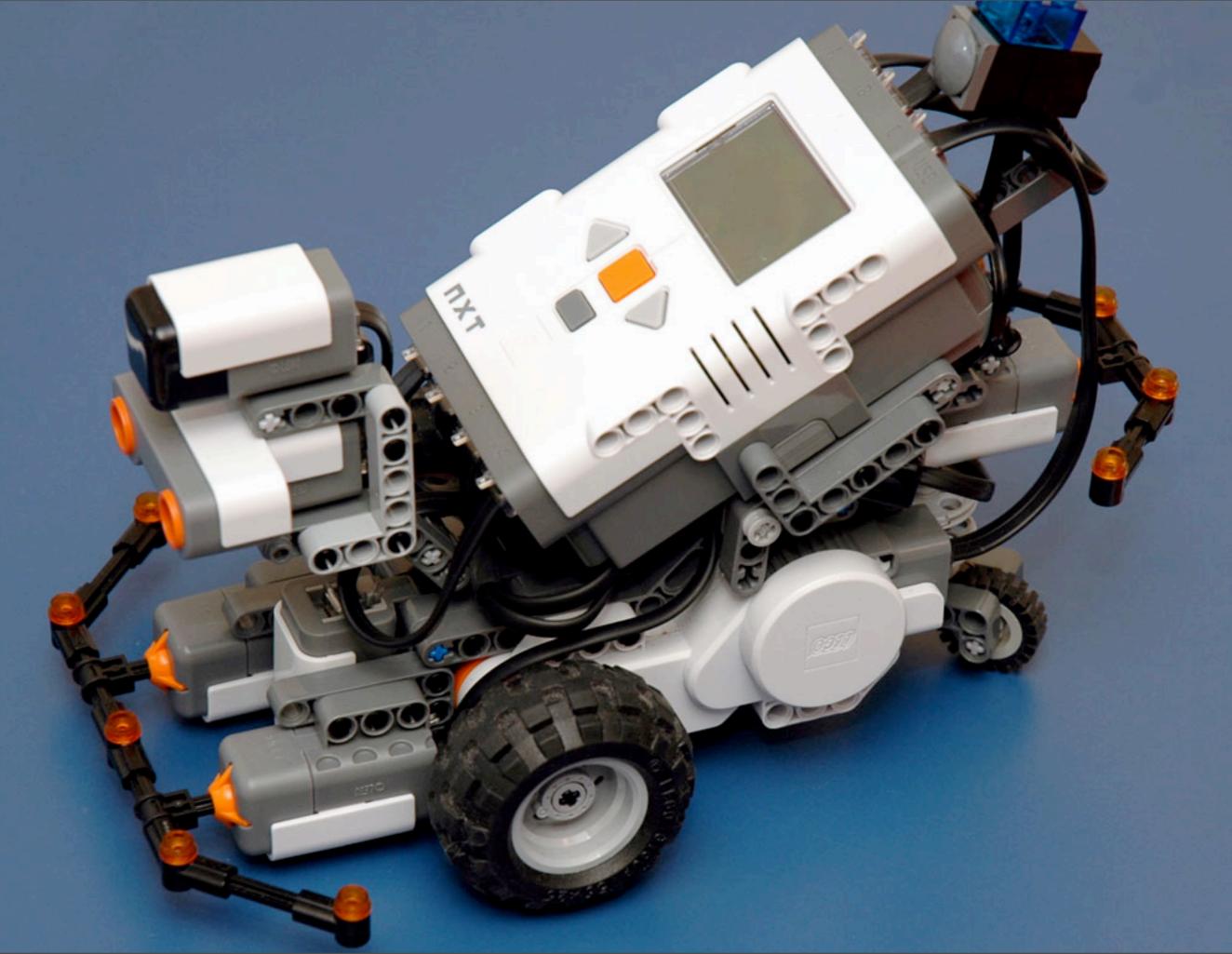


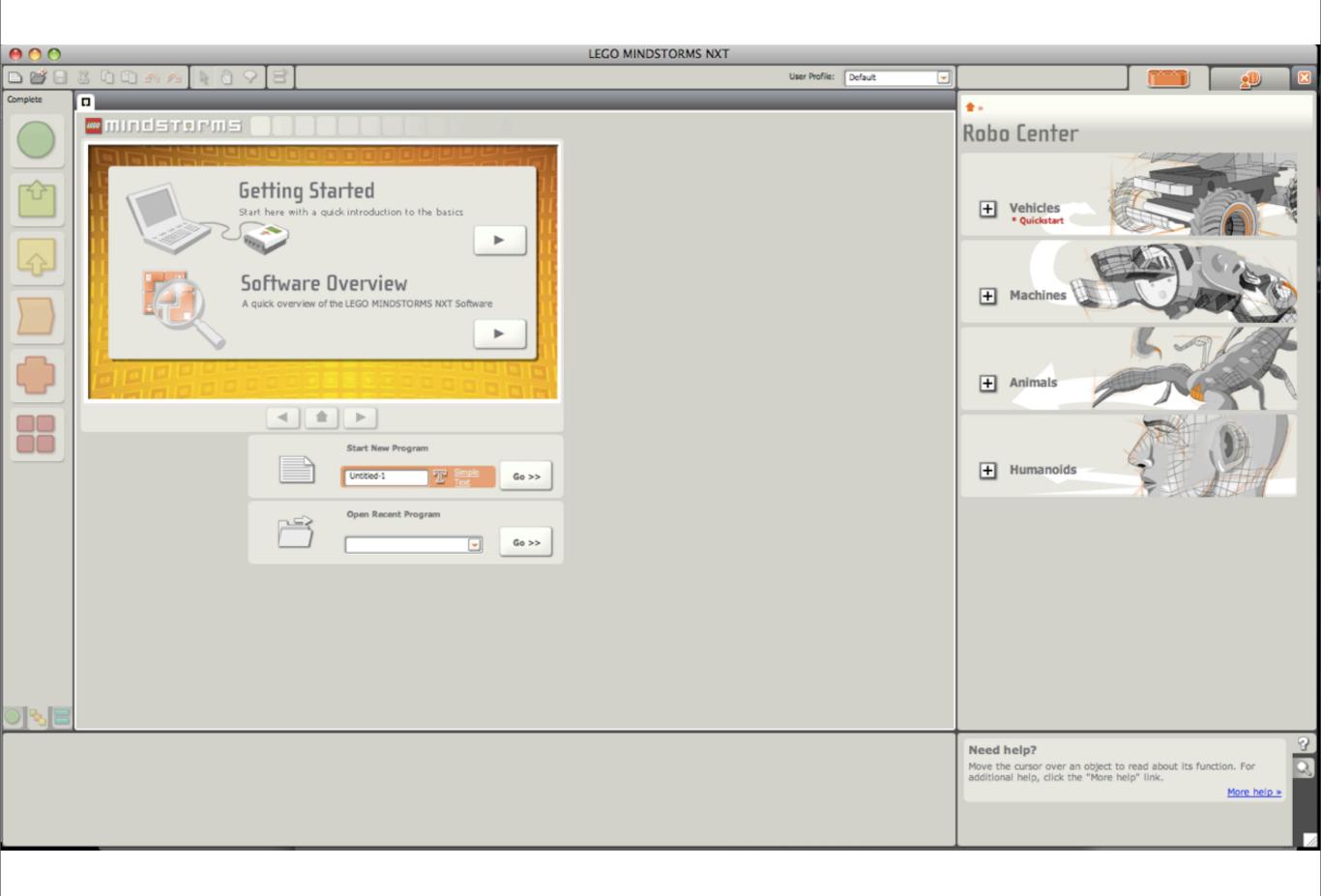
Touch Sensor



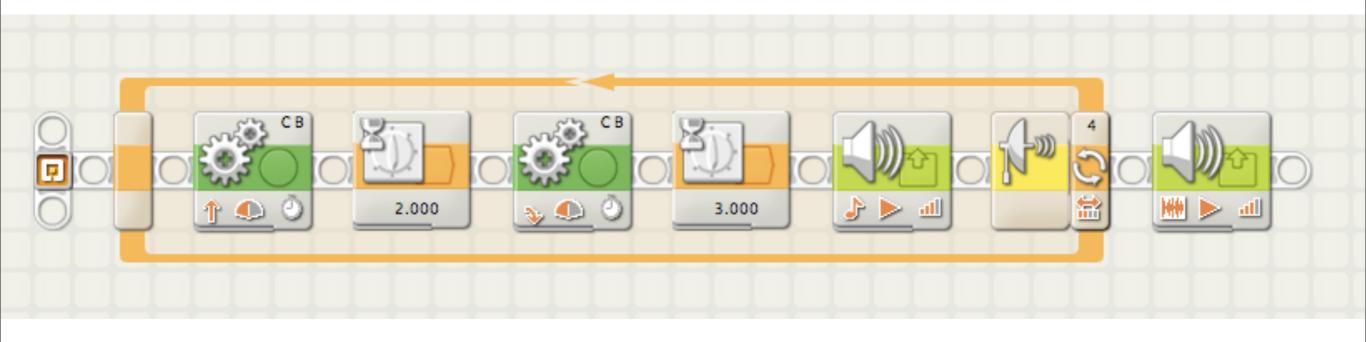
Servo Motor







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Open Source leJOS iCommand TclRCX ruby-nxt Lego# NXT++ URBI Lego::NXT NXT-G NXT Python Lego.NET ROBOTC LabVIEW Robolab **NXT** Director

NXT Python

#!/usr/bin/env python

```
import nxt.locator
```

```
sock = nxt.locator.find_one_brick()
if sock:
    brick = sock.connect()
    name, host, signal_strength, user_flash = brick.get_device_info()
    print 'NXT brick name: %s' % name
    print 'Host address: %s' % host
    print 'Bluetooth signal strength: %s' % signal_strength
    print 'Free user flash: %s' % user_flash
    sock.close()
```

