**Servo Setup for Webots Model**

The following can be used to set up the bounding boxes around each segment of the Webots model as well as set the joint limits.

# Common to All

maxVelocity 1000

maxForce 10000

# Ankle\_roll

Max/min: 0.349066

**Bounding Box**

**Transform**

0.0214

0

-0.0144

**Box**

0.23

0.125

0.0687

# Ankle\_pitch

Max/Min: 0.785398

**Bounding Box**

**Transform**

N/A

**Box**

.067

.067

.01

# Knee\_pitch

MinPos: 0

MaxPos: 1.5708

MinStop: -0.087266

MaxStop: 1.5708

**Bounding Box**

**Transform**

0

0

-.19

**Box**

.045

.055

.42

# Hip\_pitch

Max/Min: 0.785398

**Bounding Box**

**Transform**

0

0

-.1895

**Box**

.045

.074

.419

# Hip\_roll

Max/Min: 0.349066

**Bounding Box**

**Transform**

N/A

**Box**

.083

.083

.01

# Hip\_yaw

Max/Min: 0.349066

**Bounding Box**

**Transform**

0

0

.0275

**Box**

.076

.05

.095

# Torso

**Bounding Box**

**Transform**

-0.0102

0

0.2373

**Box**

0.143

0.234

0.367

Waist\_yaw

Min/Max:

Bounding Box

Transform

0

0

0.0855

Box

.06

.276

.171