BASE HOST BLOCK DIAGRAM

StereoPi + Pi Compute 3B+ + 16 Channel Servo Controller

AUTOSTART

NGINX FTP

LAUNCHER

BPI ACTIVEHOST

HEARING CENTER SPEECH CENTER VISUAL CENTER MOTOR FUNCTIONS LANGUAGE PROCESSOR SOFT SLEEP


:XXXX indicates port number on ZeroMQ messaging system, and assumes localhost.

Script Locations (from Root):

/home/pi/.config/lxsession/LXDE-pi/autostart  (note: autostart has no file extension)
/home/pi/Desktop/launcher.sh
/home/pi/Desktop/HOSTCORE/SpeechCenter.py
/home/pi/Desktop/HOSTCORE/SoftSleep.py
/home/pi/Desktop/HOSTCORE/FaceRecognition.py  (requires params to be passed)
/home/pi/Desktop/HOSTCORE/encode_faces.py
/home/pi/Desktop/HOSTCORE/LanguageProcessor9b.py
/home/pi/Desktop/HOSTCORE/SpeechRecognition.py
/home/pi/Desktop/HOSTCORE/MotorFunctions.py

Auxilliary or Development Scripts:

/home/pi/Desktop/HOSTCORE/VisionCommandTest.py