



Group #1

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## What is autoHome?

Home Automation System

Web Interface

Device Control System

-Built on Rails and Javascript

 -Uses the ActiveRecord database model Postgre SQL Database -Coded in a Robust Programming Language

-Always Running as a daemon

## Progress

- Hardware
  - Turn on lights in rooms
  - Detect motion in room
  - Set time schedules
  - Follow action sets
- Web Interface
  - Add Users, Rooms, Devices, Rule Sets
  - View overall system status
  - Sort data alphabetically, by location, data type, etc
  - Change the status of a specific device
  - Modify parameters of rooms
  - View logs and alerts
  - Weather!
  - Favorite stock information!

## **Future Work**

- Hardware
  - Mount a server in a house
  - Convert RS232 to tcp/ip communication
  - Show proof of concept with more devices
- Web Service
  - Automated home setup / deployment
  - Billing system (\$\$\$)

## And now.... a demo of our enhanced web interface and NEW hardware!