

Home Automation with Raspberry, Google Python: A fun useful project By Gregorio Chenlo  
Bidirectional control by voice of sensors: humidity temperature thermostat with geolocation heater  
electric supply failure garage door air toxicity doorbell presence sensors gas leaks fire smoke flood  
Internet connectivity push buttons etc. Oriented to Home Automation enthusiasts College or  
University students Engineering Final & Master Degree projects students and teachers with basic  
knowledge of Electricity Electronics Python and Raspberry. com Home Automation with Raspberry  
Google Python: A fun useful project Gregorio Chenlo (@arquiteutis) has a Degree in Physical  
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HOME AUTOMATION WITH RASPBERRY GOOGLE Domtica con Raspberry Google y Python]: This  
book is about the project design installation and maintenance of an advanced Home Automation  
system. A fun and useful project with multiple sensors and actuators: Based on the Raspberry Pi  
Google Home Artificial Intelligence and written in Python on Raspbian. Additional KNX modules  
WIFI switches infrared converter Tado smart thermostat touch screens Router Bridge decoders etc,  
Remote monitoring with VNC access with NO IP and Apache server, Multiple IFTTT routines for  
Google Home and applicable to Alexa. and actuators: lighting window blinds LED acoustic and voice  
signals barking guard dog simulation relays water and gas valves electronic watchdog control etc,  
All this controlled bidirectionally by voice too with Google Home personal messaging with Telegram  
touch screen with Raspberry and PLEX server. Reporting with event viewers email voice with alarms  
and Telegram BOT, Fully configurable scalable with several proposals (from simple to complex) and  
basis for other projects in any type of housing. With 20 years of experience in Telemarketing  
Telecommunications Coaching amp; Team Leadership, Gregorio Chenlo (@arquiteutis) Laureato in  
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