

```
1 /**
2  * Universal Tracking
3  *
4  * Author: joe@blastam.com
5  * Date: 2013-08-12
6  *
7  * 1) Detect door sensor open or close event
8  * 2) Detect motion sensor
9  *
10 * Author: Joe Christopher
11 */
12 preferences {
13     section("Which sensors do you want to track?") {
14         input "contact1", "capability.contactSensor", title: "Select one", multiple: true
15     }
16     section("Google light...") {
17         input "switch1", "capability.switch", required: false
18     }
19     section("When there's movement...") {
20         input "motion1", "capability.motionSensor", title: "Where?", multiple: false
21     }
22 }
23
24 def installed() {
25     subscribe(contact1, "contact", contactHandler)
26     subscribe(motion1, "motion.active", motionActiveHandler)
27     subscribe(motion1, "motion.inactive", motionInactiveHandler)
28     initialize()
29 }
30
31 def updated() {
32     //log.debug "Updated with settings: ${settings}"
33     unsubscribe()
34     initialize()
35 }
36
37 def initialize() {
38     subscribe(contact1, "contact", contactHandler)
39     subscribe(motion1, "motion.active", motionActiveHandler)
40     subscribe(motion1, "motion.inactive", motionInactiveHandler)
41 }
42
43 def contactHandler(evt) {
44     if (evt.value == "open") {
45         httpPost("https://www.google-analytics.com/collect", "v=1&tid=UA-xxxxxx-xx&cid=1&t=event&ec=Door - " + evt.displayName + "&ea=Open")
46         switch1.off()
47     } else if (evt.value == "closed") {
48         httpPost("https://www.google-analytics.com/collect", "v=1&tid=UA-xxxxxx-xx&cid=1&t=event&ec=Door - " + evt.displayName + "&ea=Close")
49         switch1.on()
50     }
51 }
52
53 def motionActiveHandler(evt) {
54     httpPost("https://www.google-analytics.com/collect", "v=1&tid=UA-xxxxxx-xx&cid=1&t=event&ec=Movement - " + evt.displayName + "&ea=Motion_Sensed")
55 }
56
57 def motionInactiveHandler(evt) {
58     httpPost("https://www.google-analytics.com/collect", "v=1&tid=UA-xxxxxx-xx&cid=1&t=event&ec=Movement - " + evt.displayName + "&ea=Motion_Ceased")
59 }
60 }
```