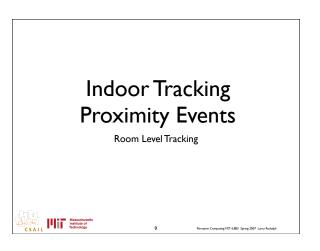
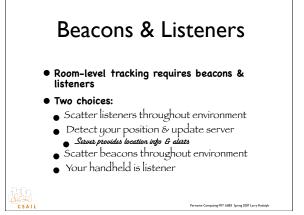
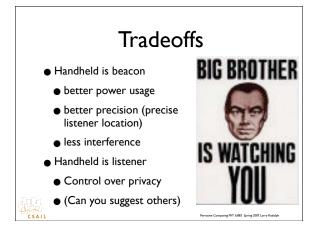


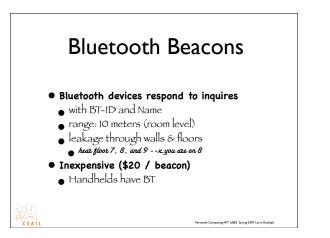


Orientation LocationProvider
Corrigues
Criteria AddressInfo QualifiedCoordinates
LocationProvider
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LocationListener ProximityListener locationUpdated proximityEvent providerStateChanged monitorrigiStateChanged
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Material Materials
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● <u>http://www.jcp.org/en/jsr/all</u> (J2ME Packages)
Packages)
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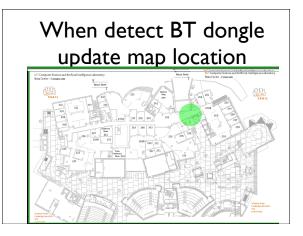
Bluetooth Beacons

- First decision -- Where to put beacons
- Put them in PC's -- they are everywhere
- Unfortunately, they disappear :(
- Put them in powered usb hub, near AC outlet
 - Initialize via laptop, then remove laptop
 - \bullet BT Dongle will continue to respond to inquiry

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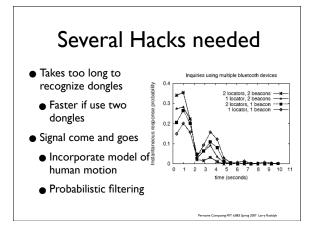


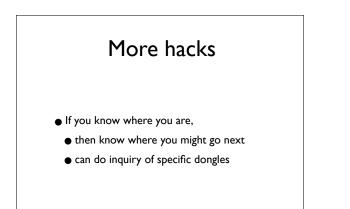




What doesn't work

- Signal strength does not work well
 - need radio map
- Track while walking
 - 10 sec to detect, walking rate ~ 1 m/s, easy to miss dongle altogether
- Embed location info in dongle name
- takes even longer to detect
- Cached BT names, must not use





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