

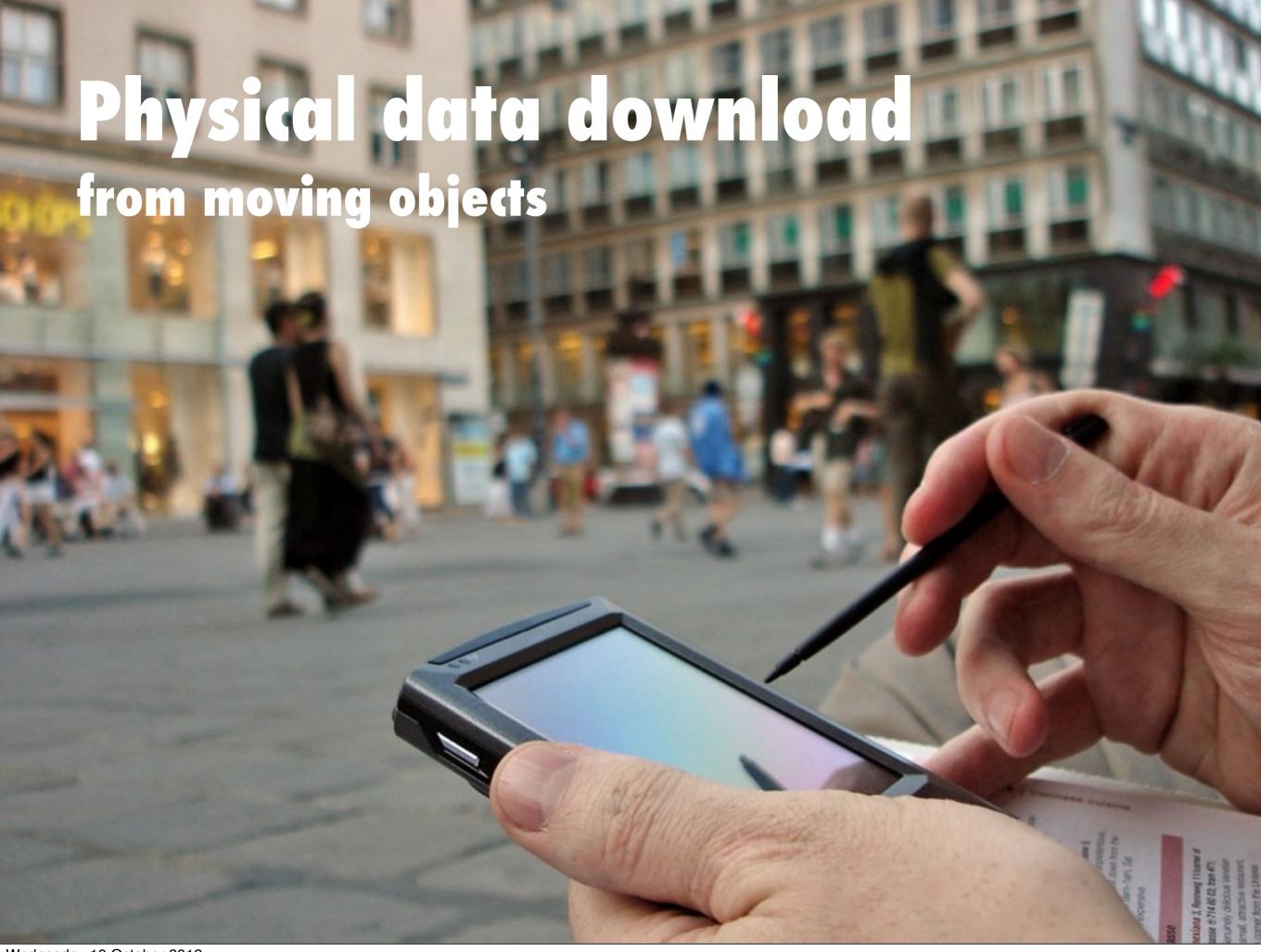




Wednesday 10 October 2012

Possible solutions









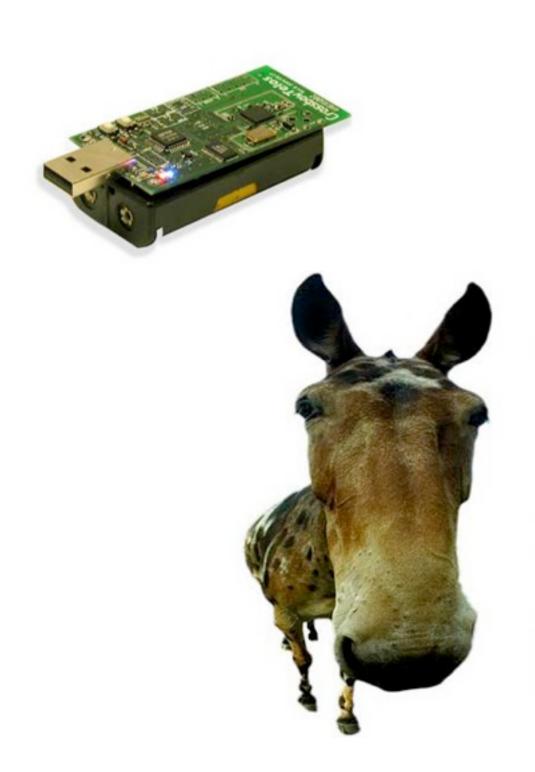


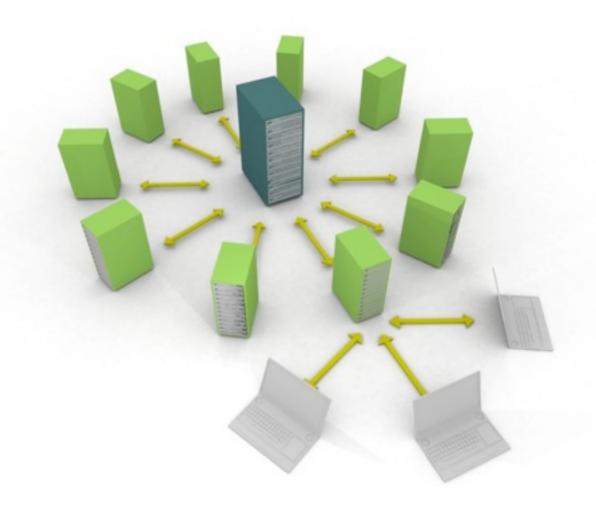
Wireless Sensor Node



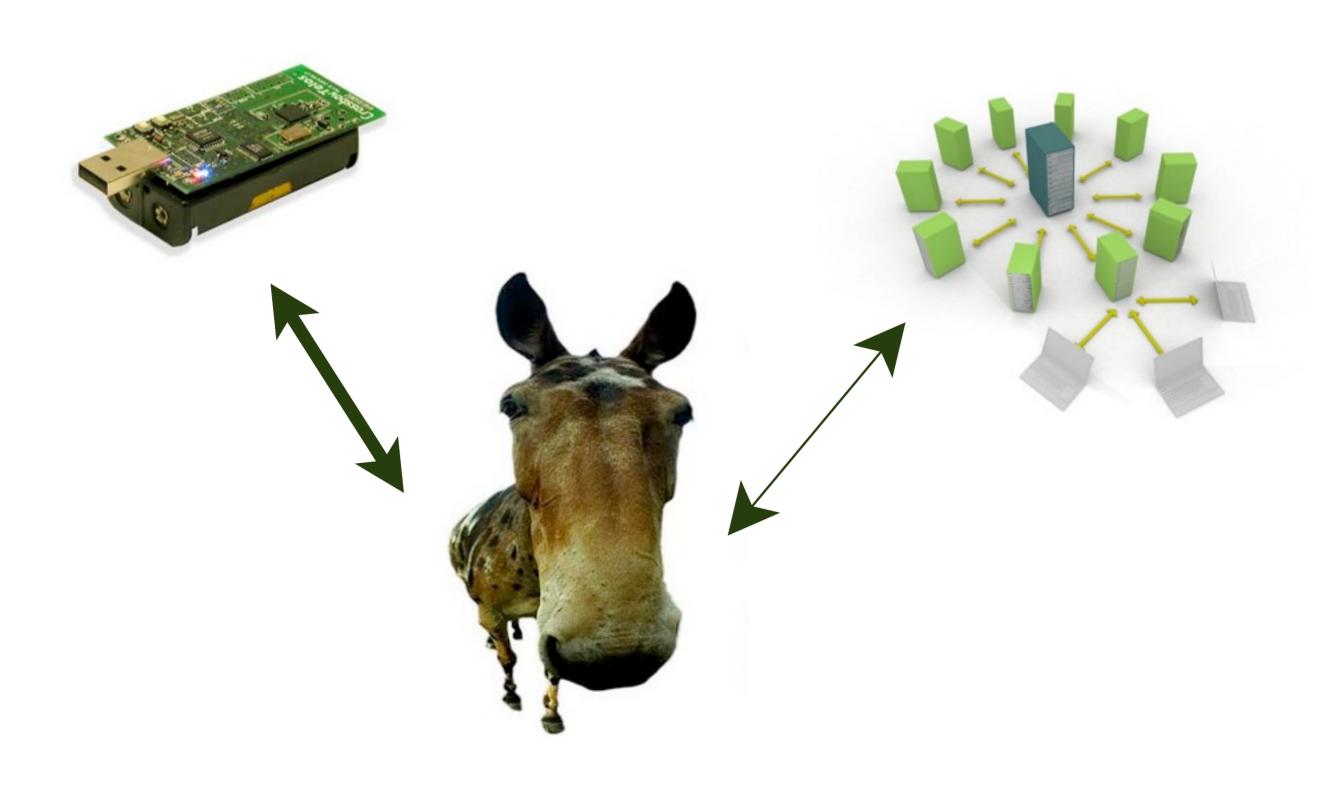


Data mule





Data processing facility



Advantages







Drawbacks

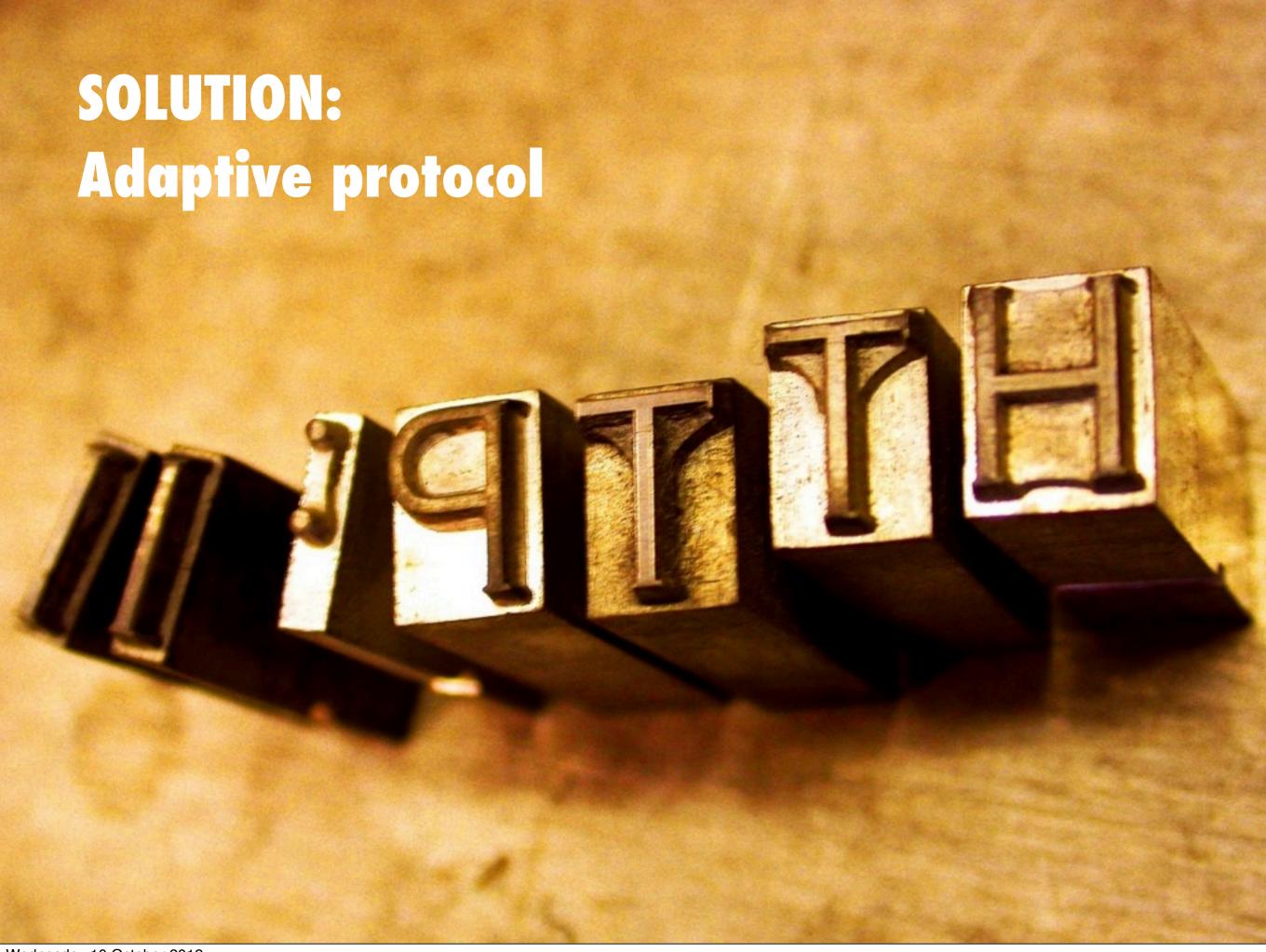




Scientific problem

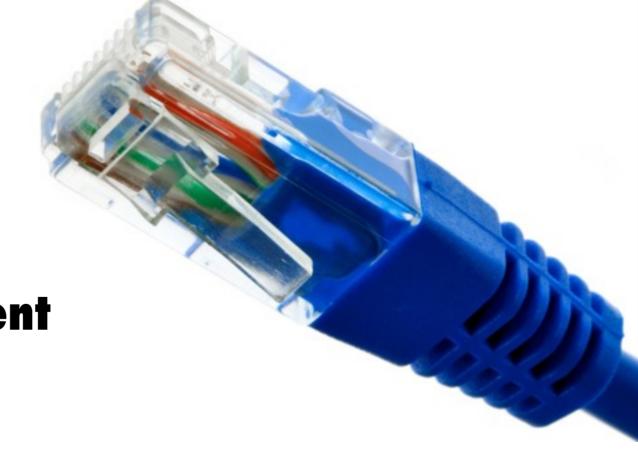






Data transmission protocol

- → OS module
- → Session based, store-and-forward type protocol
- → Data transmission using packets
- → Packet prioritization
- **→** Packet encryption
- → Two way realization:
 - with acknowledgement
 - without acknowledgement
- → Address space

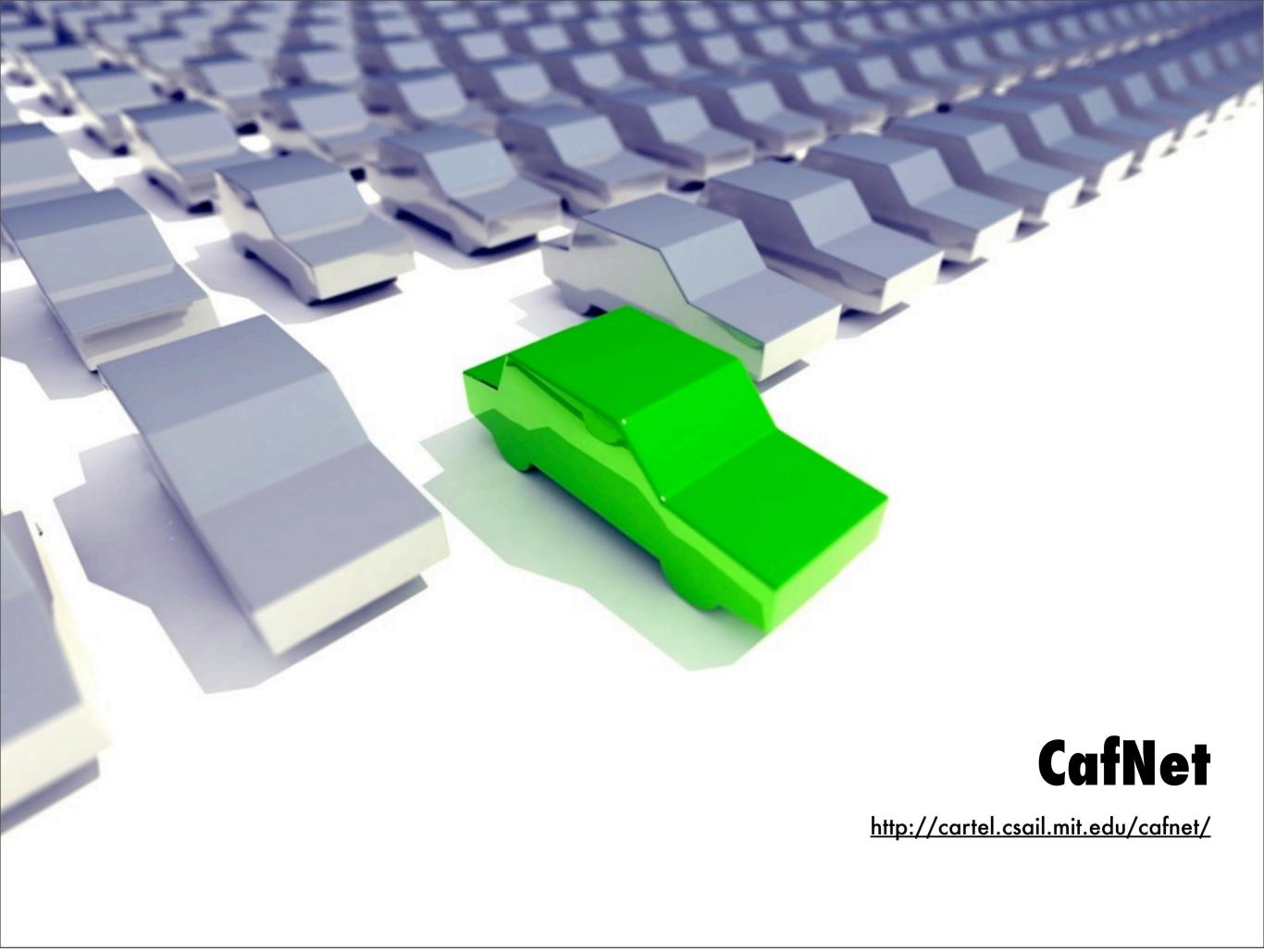


Usages real and potential





http://bikenet.cs.dartmouth.edu/



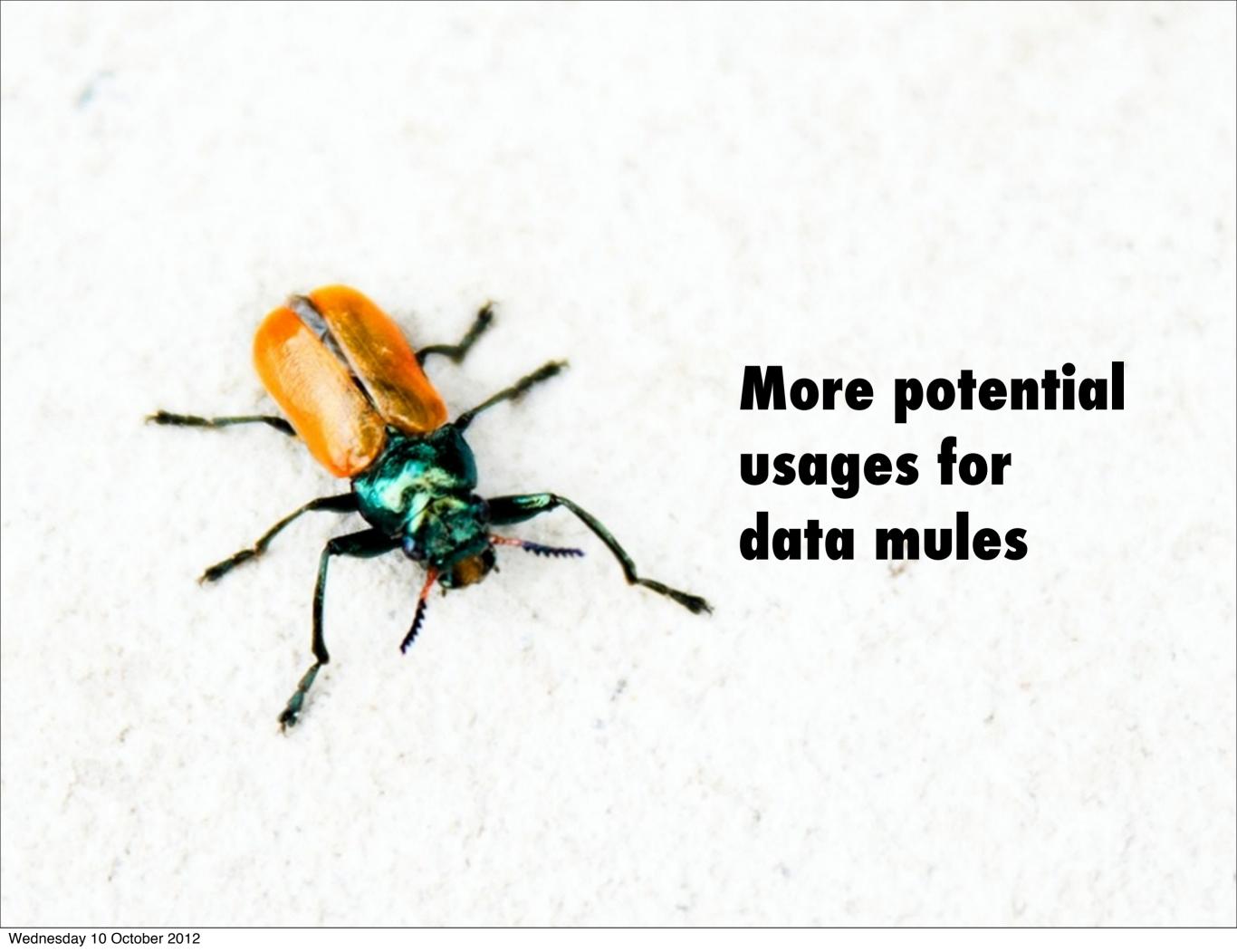




CARS as data mules



Scientific expectations from "Smithy of Ideas 2010"



THANK YOU! Questions?

My contacts:

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Photos sources:

Google (http://www.google.lv)

stock.xchng (http://www.sxc.hu)

HubbleSite (http://www.hubblesite.org)