



How to Inventory & Move 4 Million Pounds of Rocks

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Yes, We're Full

183% capacity (63% outside)

Rescheduled visits

Curation and staff time

Decline new material?

The stars are aligned



We resampled core at the GMC from a chromium prospect to assess platinum group elements, which led to a discovery of over 20 g/ton of platinum and palladium on Alaska state land. The area is now staked and under exploration.

— Curt Freeman, Avalon Development



Inventory

Building Design

Moving Day





Inventory



Barcodes vs. RFID

Up-front cost

Box density

Environment

Don't skimp



Life is Like a Box of ~~Chocolates~~ Rocks

Open every box

Composites

The truth

Curation



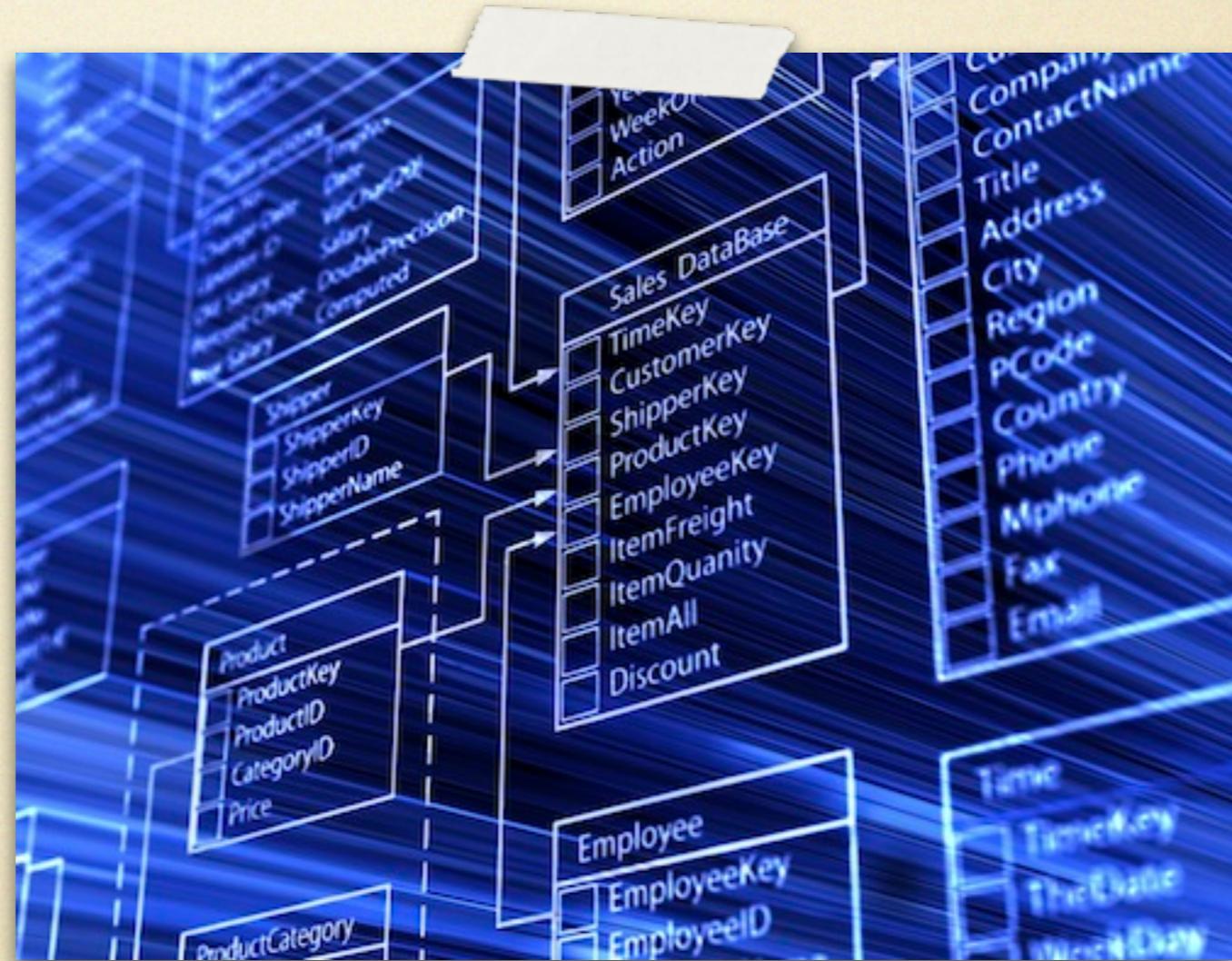
The Data

Motivation → entry

Making it useful

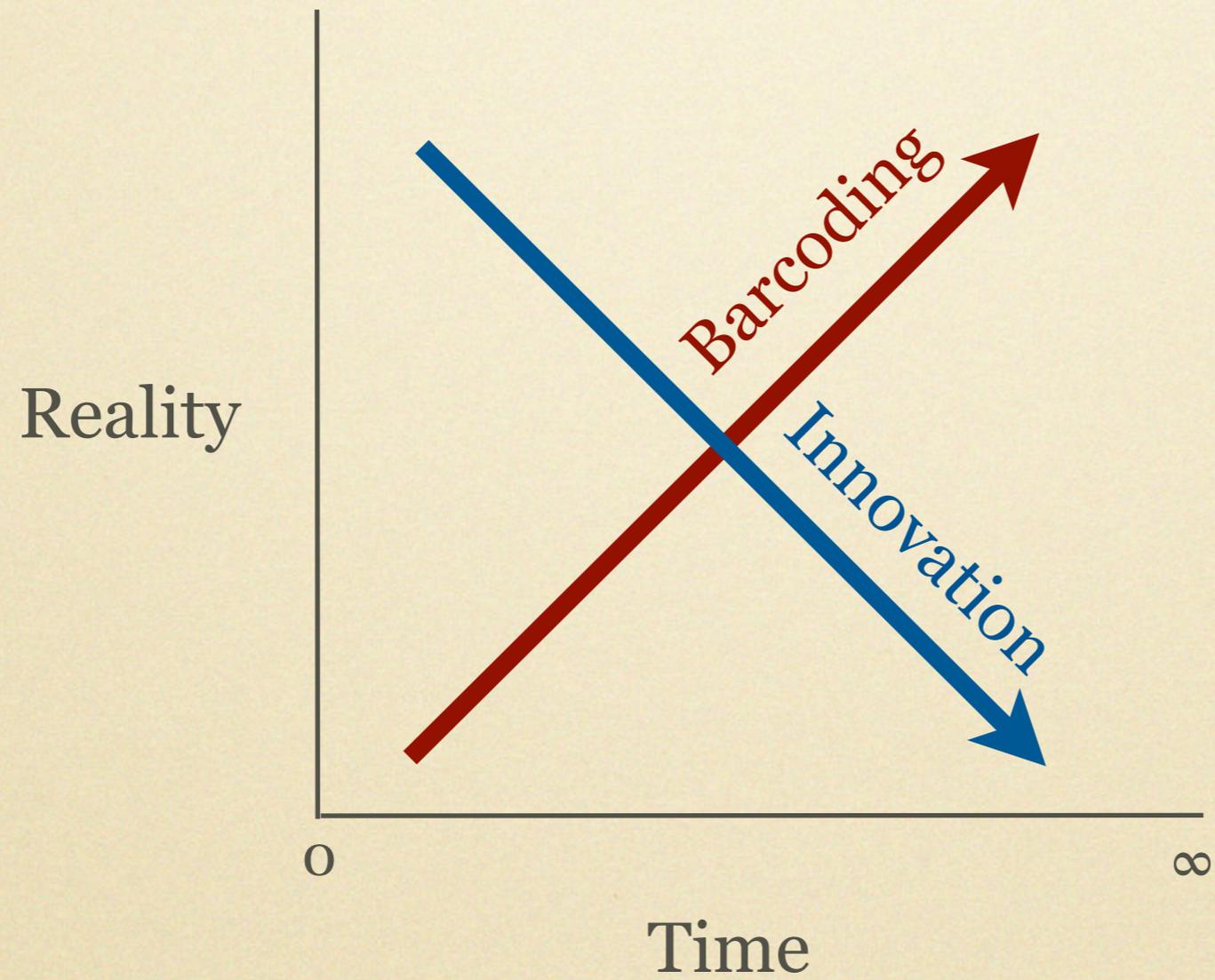
Quality

Curation



 dggs.alaska.gov/gmcinventory

The Painful Truth





Building Design



Paths in the Grass



Listen to your users

Happy users will return

Don't make assumptions

The wheel exists

Storage Philosophy



Pallets vs. racks

What works?

Standardized boxes?

Efficiency vs. convenience

Happy medium

How Big?



Number of boxes?

Linear feet of core?

Current storage capacity?

Shelf & storage volume?

Box-size distribution?

Annual growth rate?

“Special” Material



Radioactive core

Proprietary material

Soft-sediment core

Ice core

Curation and re-boxing





Moving Day



Strong Backs

How many pallets?

How many trucks?

How much in a day?

More staff & help?

Outgoing & incoming





“In what was destined to be a short-lived spectacle, a chicken, suspended by a balloon, floated through the samurai bar's doorway.”

— Gary Larson, 9/30/91



Clean Slate

So much opportunity

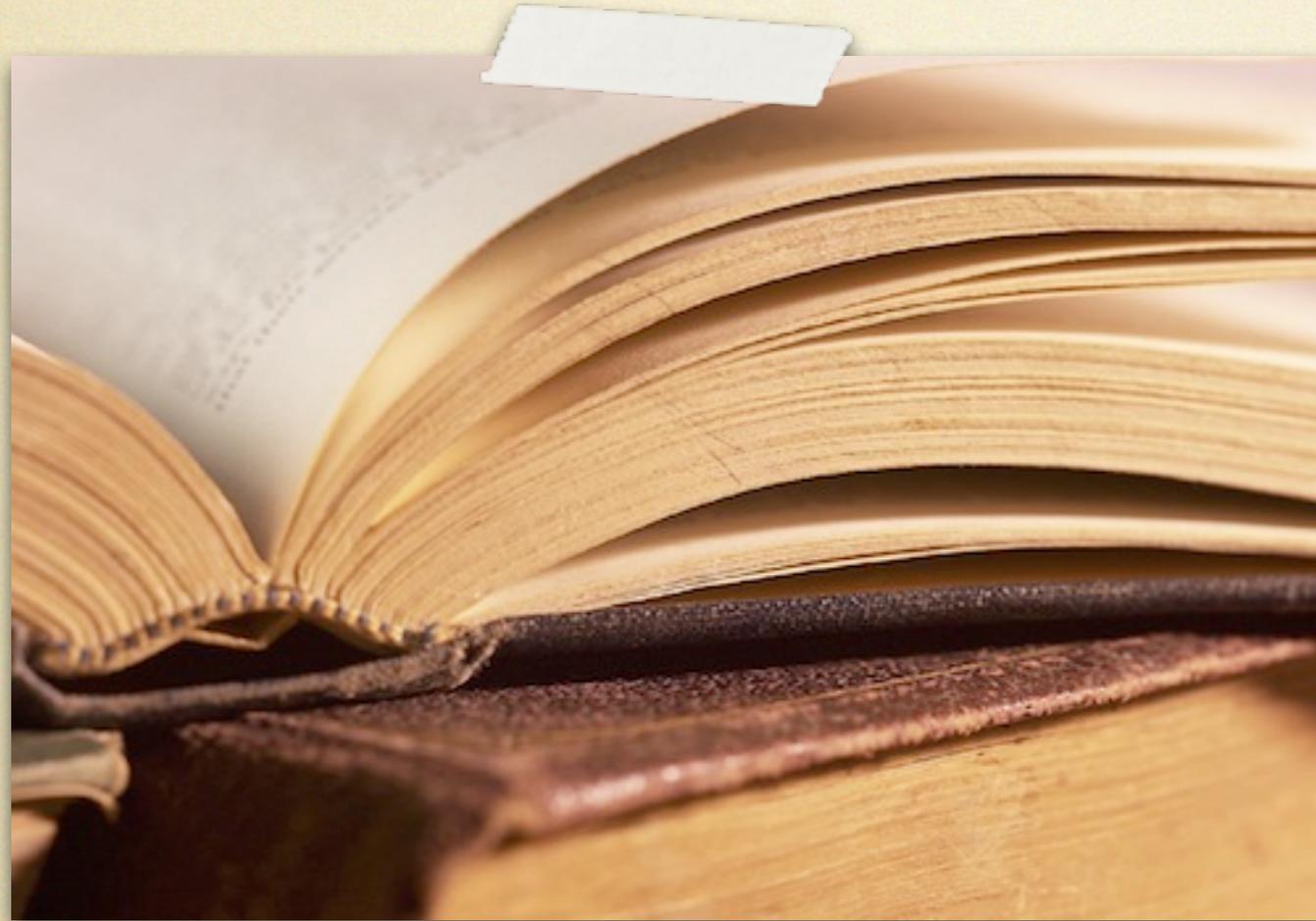
Undo wrongness

Make the time to think

Apply your philosophy



If I Wrote a Book...



“...as it comes in”

Demand documentation

To Yoda you listen

Be proactive, not reactive

Organized quality



THANK YOU!



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