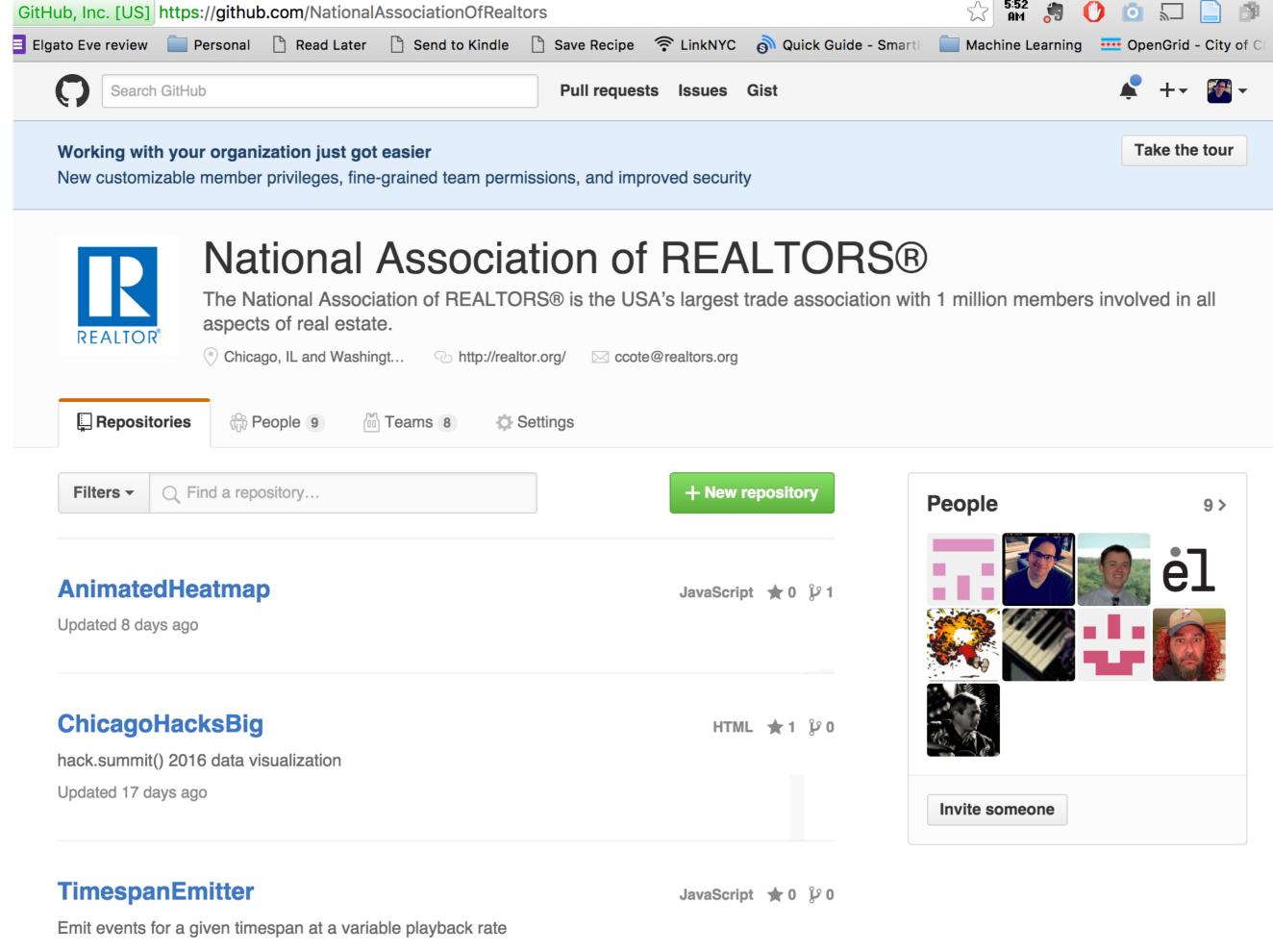


C ENTER FOR REALTOR® T ECHNOLOGY @crtlabs @crtweet crt.blogs.realtor.org crtlabs.org



Updated 18 days ago



Why is the National Association of REALTORs® here?



Code of Ethics and Standards of Practice NATIONAL ASSOCIATION OF REALTORS®

Effective January 1, 2015

nder all is the land. Upon its wise utilization and widely allocated ownership depend the survival and growth of free institutions and of our civilization. REALTORS* should recognize that the interests of the nation and its citizens require the highest and best use of the land and the widest distribution of land ownership. They require the creation of adequate housing, the building of functioning cities, the development of productive industries and farms, and the preservation of a healthful environment.

Such interests impose obligations beyond those of ordinary commerce. They impose grave social responsibility and a patriotic duty to which REALTORS* should dedicate themselves, and for which they should be diligent in preparing themselves. REALTORS*, therefore, are zealous to maintain and improve the standards of their calling and share with their fellow REALTORS* a common responsibility for its integrity and honor. In recognition and appreciation of their obligations to clients,

customers, the public, and each other, REALTORS* continuously strive to become and remain informed on issues affecting real estate and, as knowledgeable professionals, they willingly share the fruit of their experience and study with others. They identify and take steps, through enforcement of this Code of Ethics and by assisting appropriate regulatory bodies, to eliminate practices which may damage the public or which might discredit or bring dishonor to the real estate profession. REALTORS* having direct personal knowledge of conduct that may violate the Code of Ethics involving misappropriation of client or customer funds or property, willful discrimination, or fraud resulting in substantial economic harm, bring such matters to the attention of the appropriate Board or Association of REALTORS*. Realizing that cooperation with other real estate professionals promotes the best interests of those who utilize their services, REALTORS* urge exclusive representation of clients; do not attempt to gain any unfair advantage over their competitors; and they refrain from making unsolicited comments about other practitioners. In instances where their opinion is sought, or where REALTORS* believe that comment is necessary, their opinion is offered in an objective, professional manner, uninfluenced by any personal motivation or potential advantage or gain. The term REALTOR* has come to connote competency, fairness, and high integrity resulting from adherence to a lofty ideal of moral conduct in business relations. No inducement of profit and no instruction from clients ever can justify departure from this ideal.

In the interpretation of this obligation, REALTORS* can take no safer guide than that which has been handed down through the centuries, embodied in the Golden Rule, "Whatsoever ye would that others should do to you, do ye even so to them." Accepting this standard as their own, REALTORS* pledge to observe its spirit in all of their activities whether conducted personally, through associates or others, or via techn



1.1 Million Members



~ 5 million transactions a year



Residential & Commercial



Global





Chicago

Washington, DC

C ENTER FOR REALTOR® T ECHNOLOGY

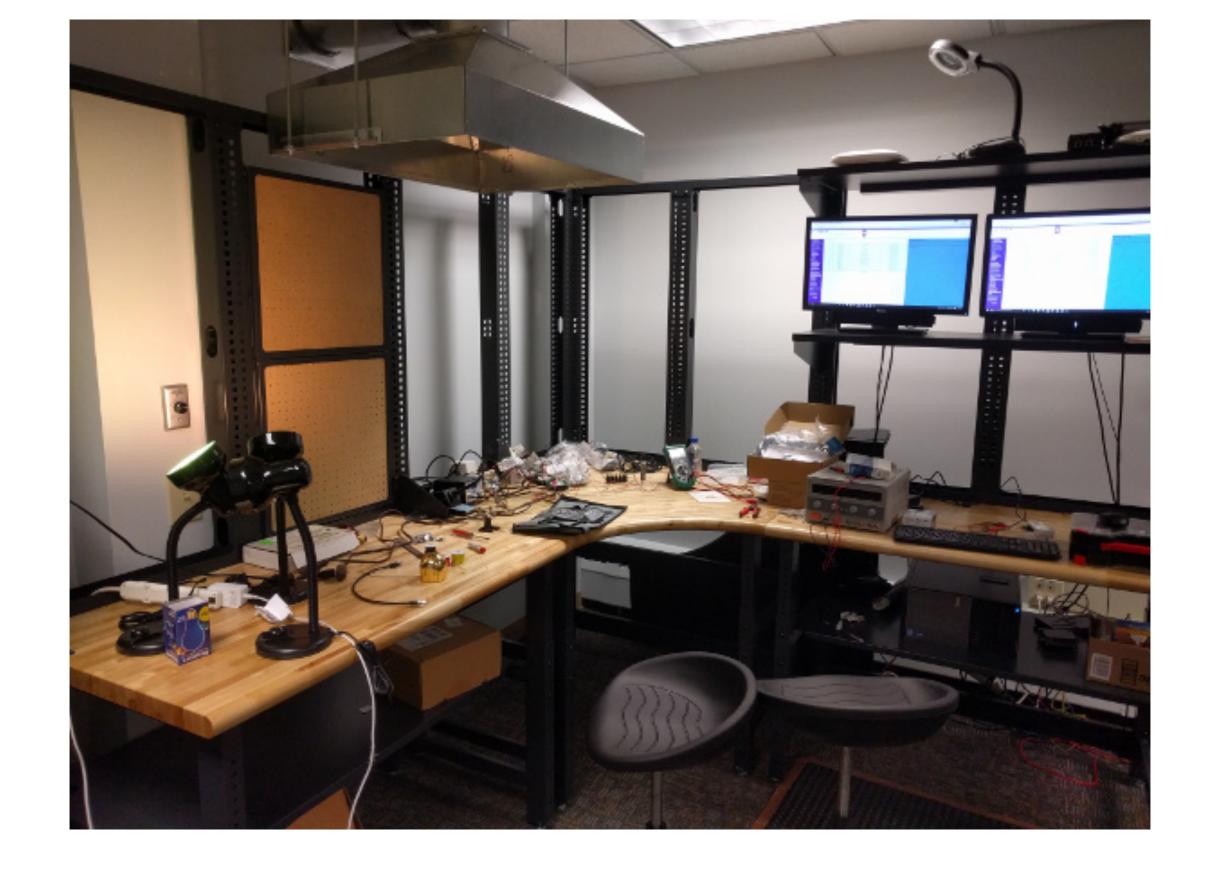
What is CRT?

C ENTER FOR REALTOR® T ECHNOLOGY

A multi-disciplinary technology research group focused on where technology is going & what it means for real estate.

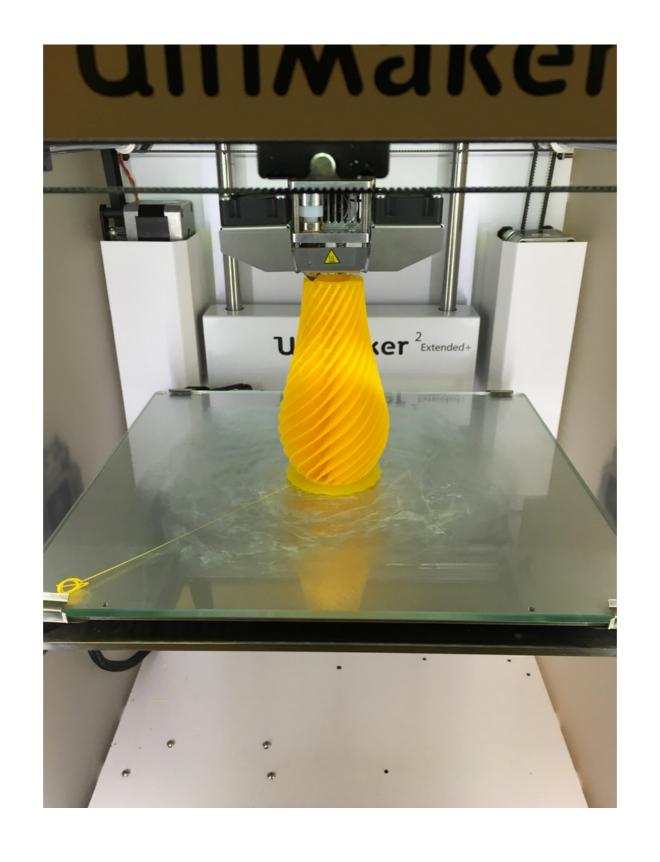
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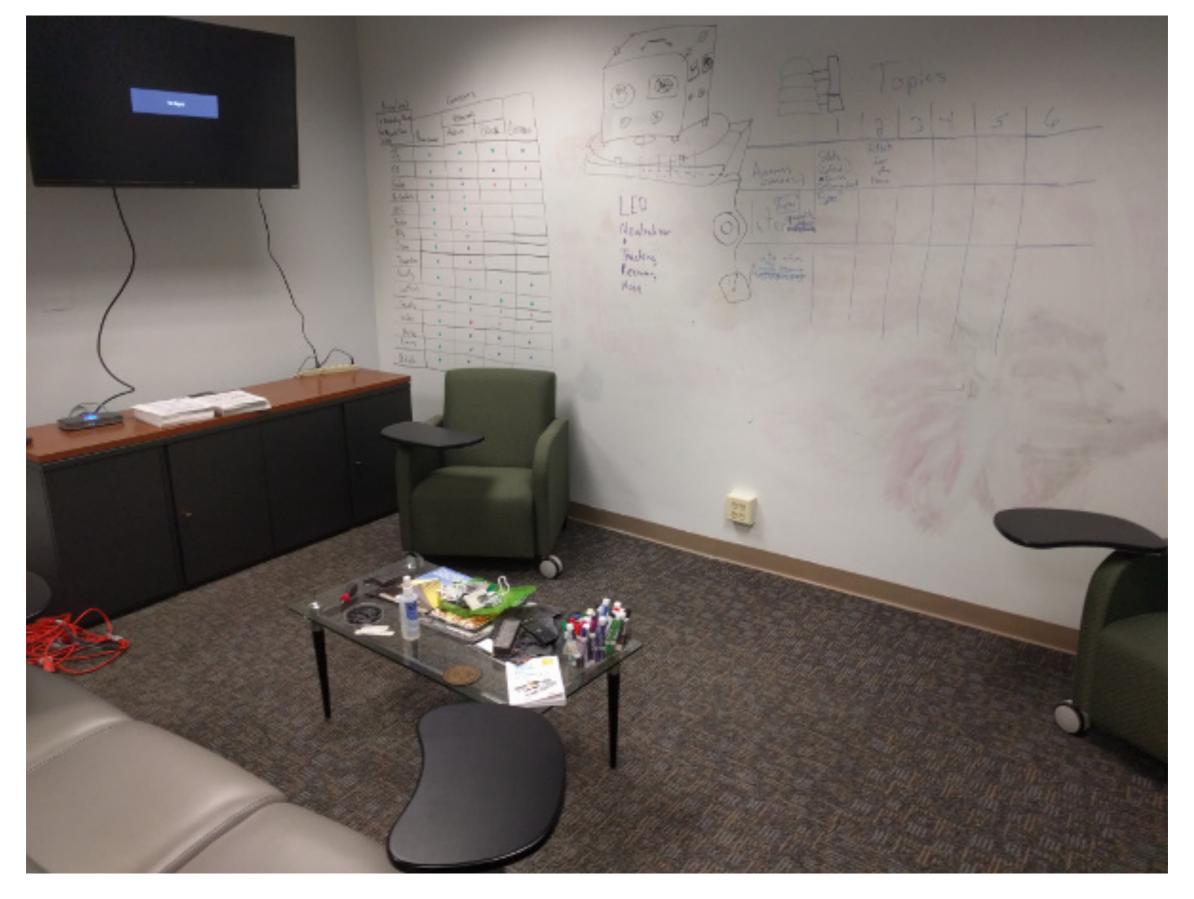


Workbench



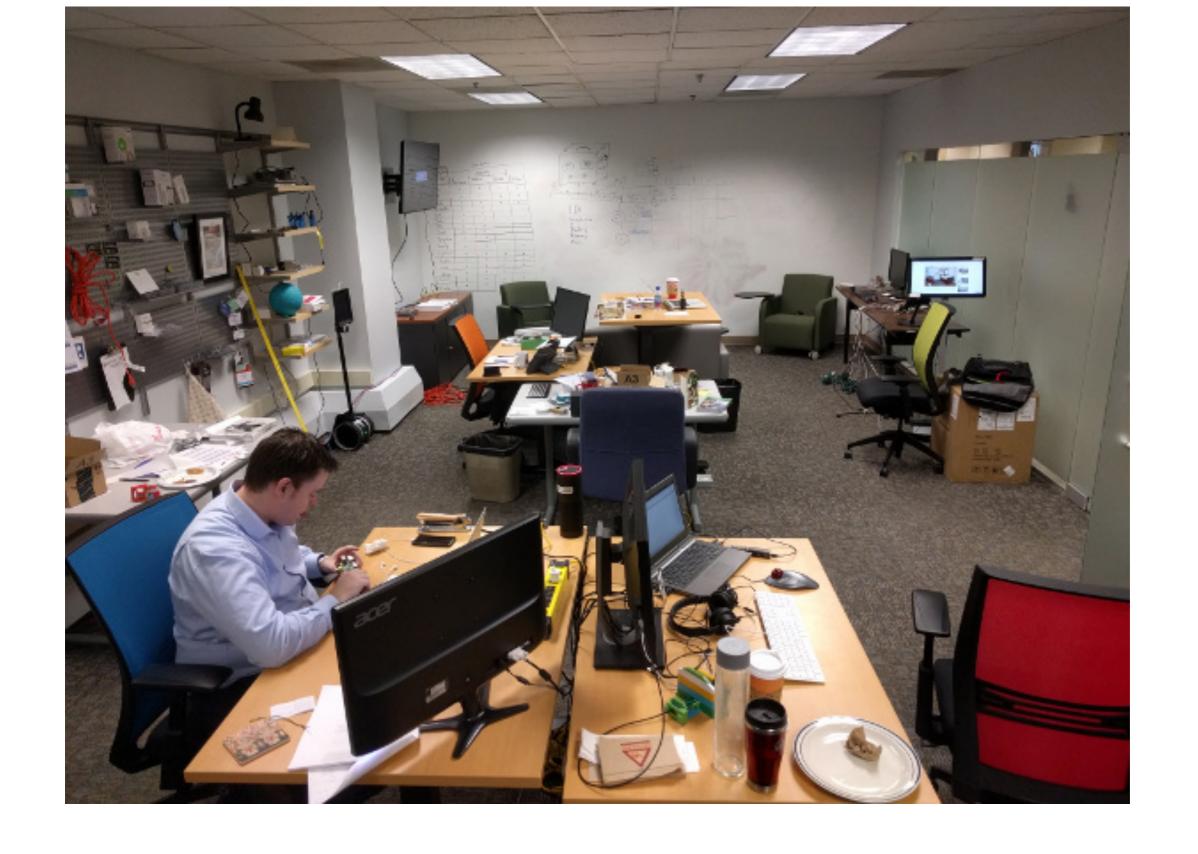


3D Printer





Meeting Area





Work desks

Double® Work from anywhere.

Your Double telepresence robot gives you a physical presence at work or school when you can't be there in-person.





































WHATIS THEVALUE OFAHOME?

IT'S MUCH MORETHAN **SS**.

IT'S ABOUT QUALITY OF

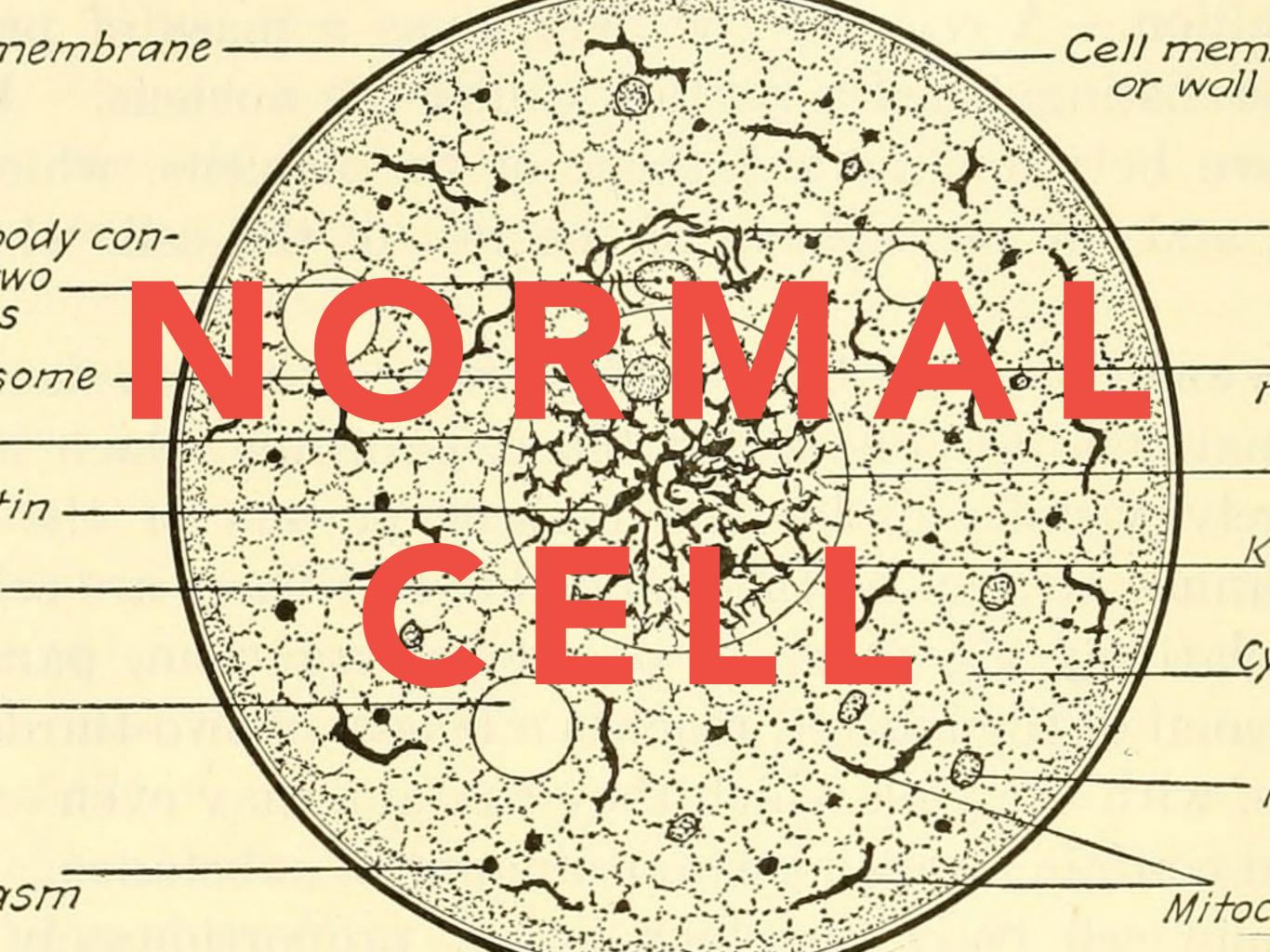
HOMEOSTASIS

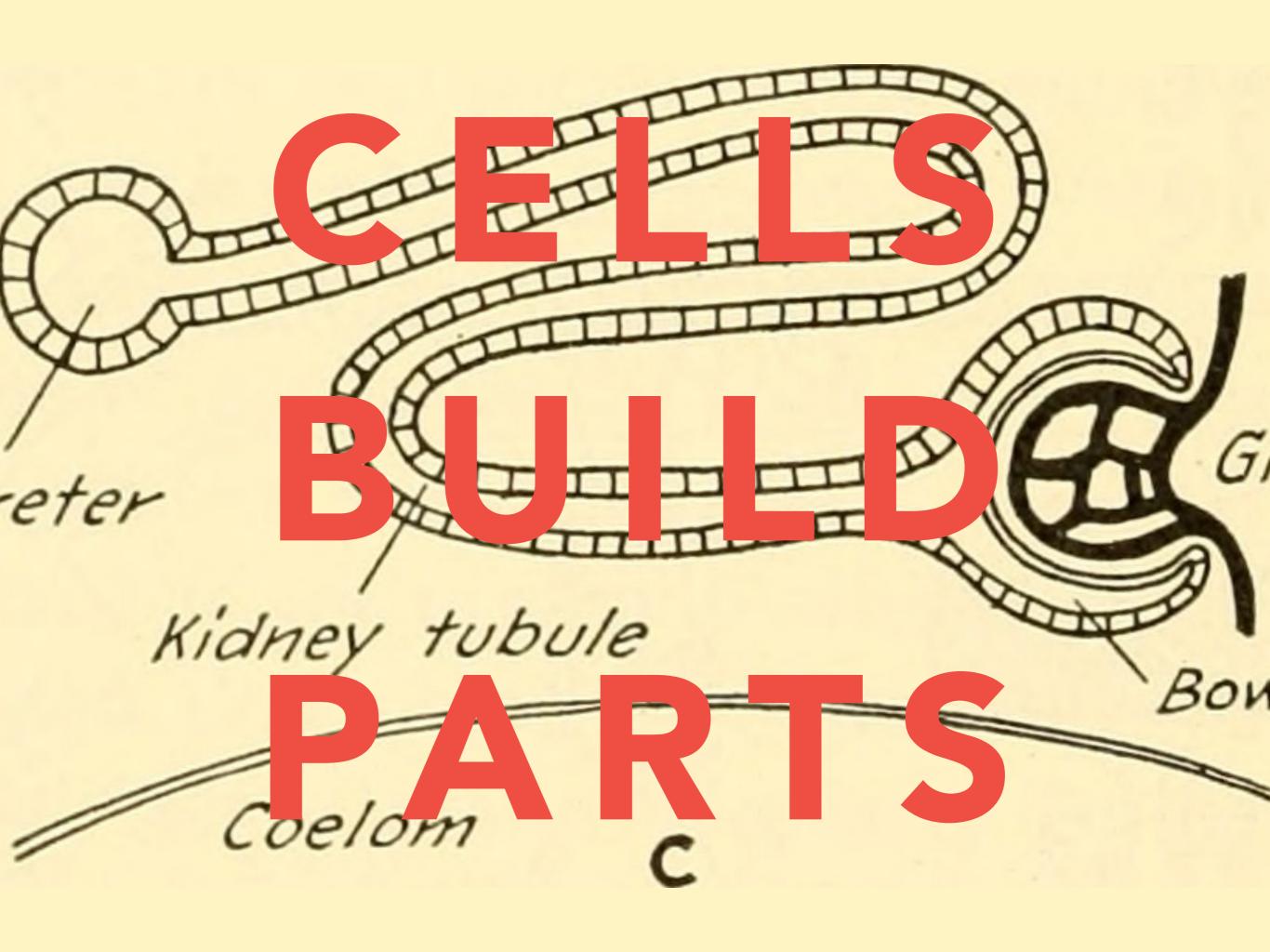
~1~

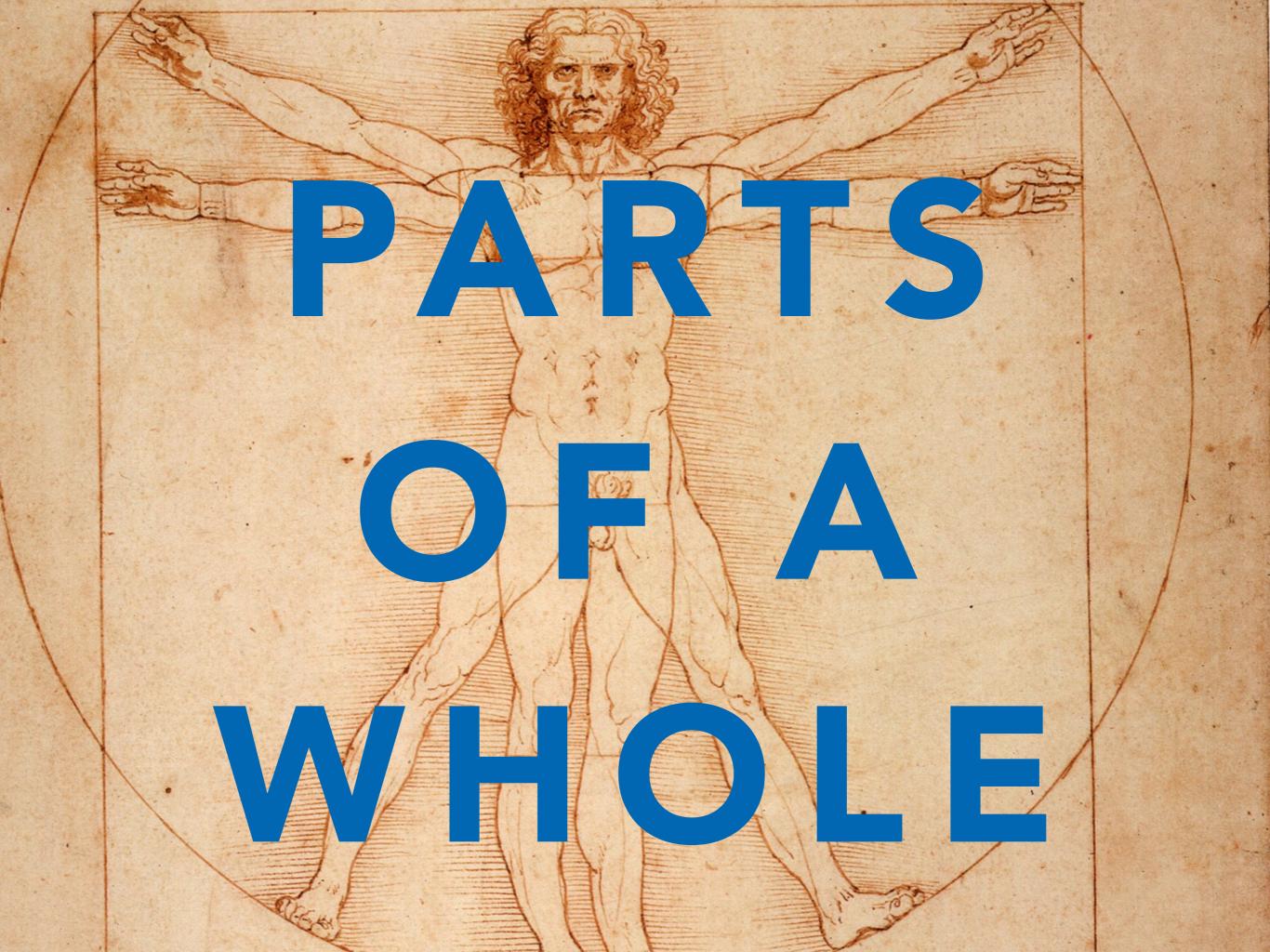
The tendency of an organism or a cell to regulate its internal conditions, usually by a system of feedback controls, so as to stabilize health and functioning, regardless of the outside changing conditions.

~2~

The ability of the body or a cell to seek and maintain a condition of equilibrium or stability within its internal environment when dealing with external changes.







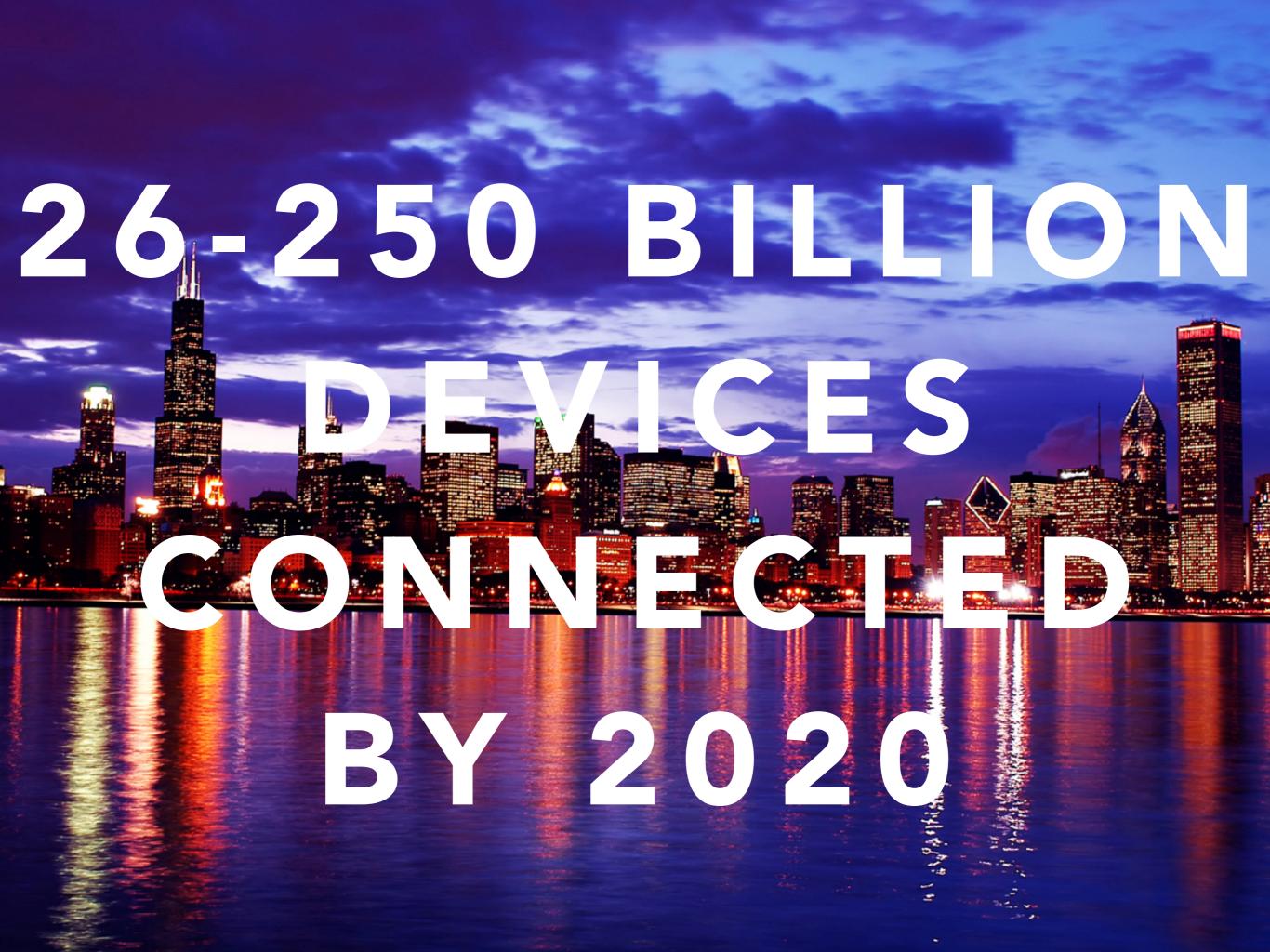
THEPULSE OF OUR DAILY LIVES

CONNECTED









Raspberry Pi @Raspberry_Pi · 50s A 5MB hard drive delivery in 1956.

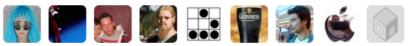
I'm typing this on a machine that uses a 64GB SD card which cost me about £20.



16







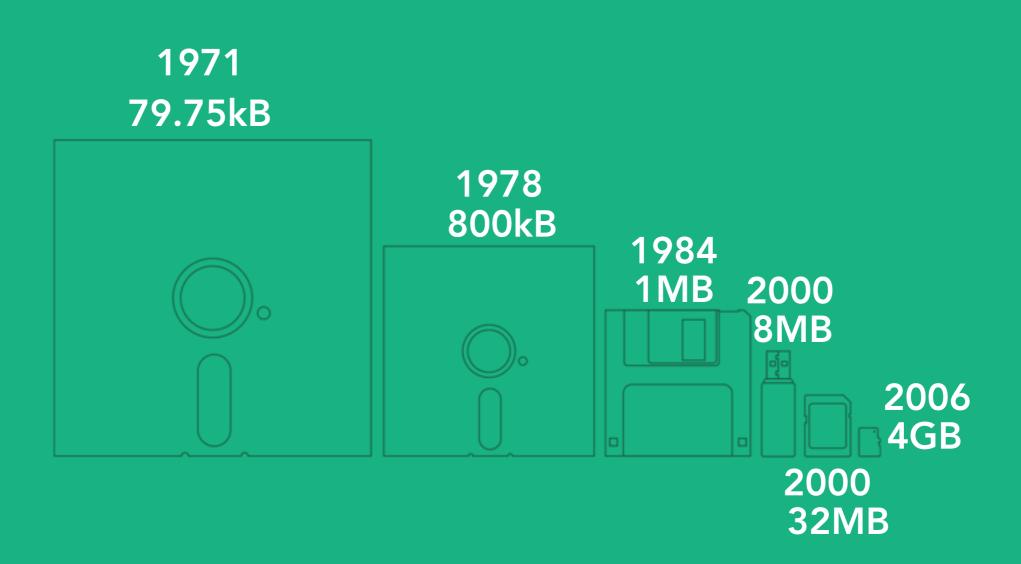








Smaller, Faster, Cheaper

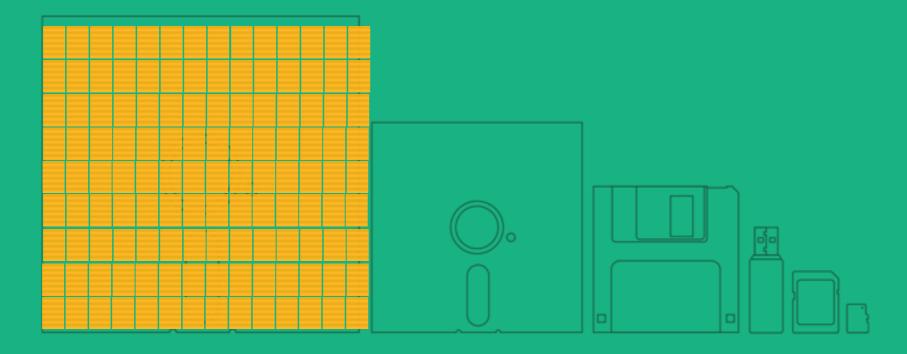


Smaller, Faster, Cheaper

2006: 126 * 4GB = 504GB

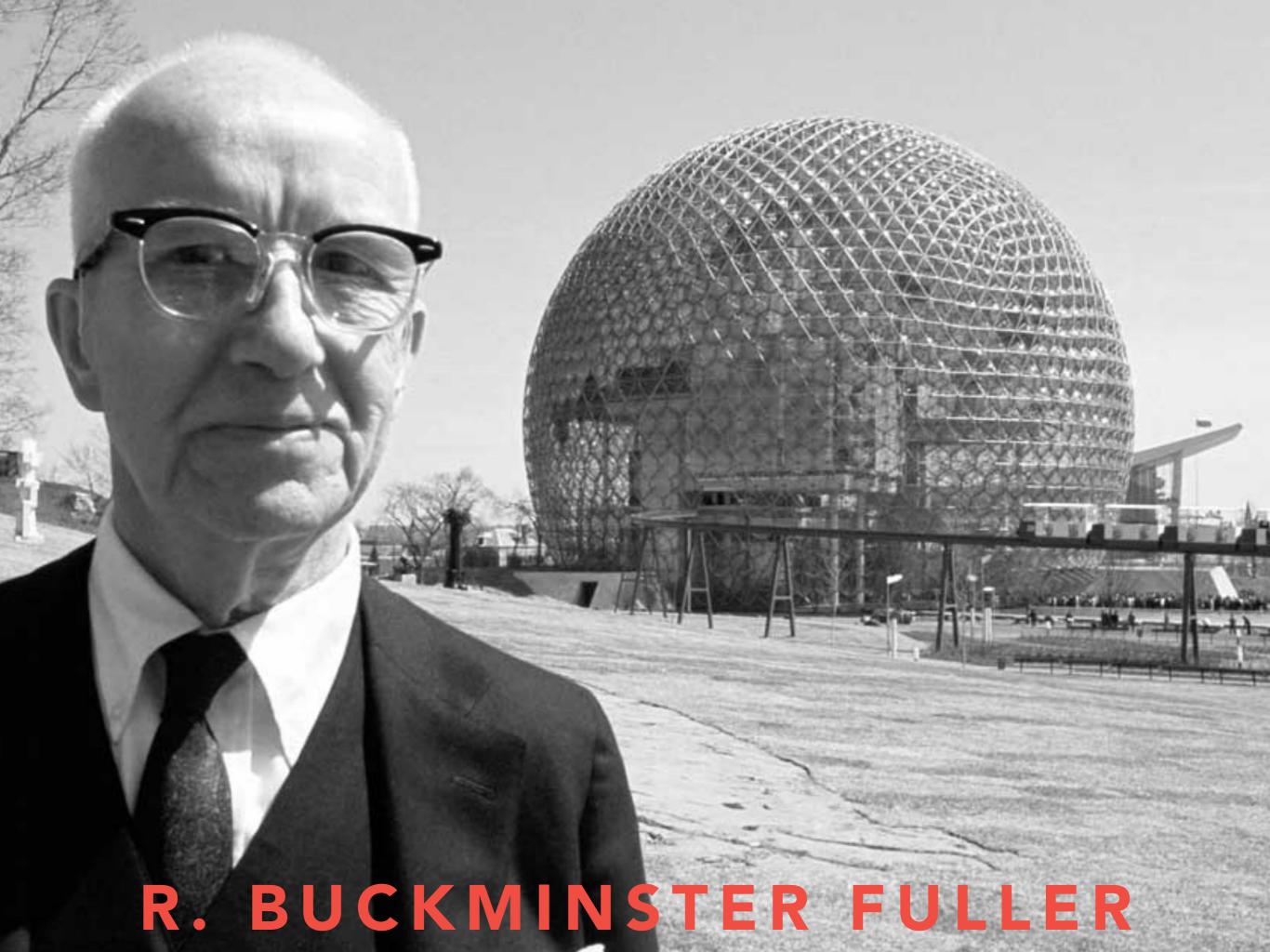
2015: 126 * 128GB = 135,291,469,824kB

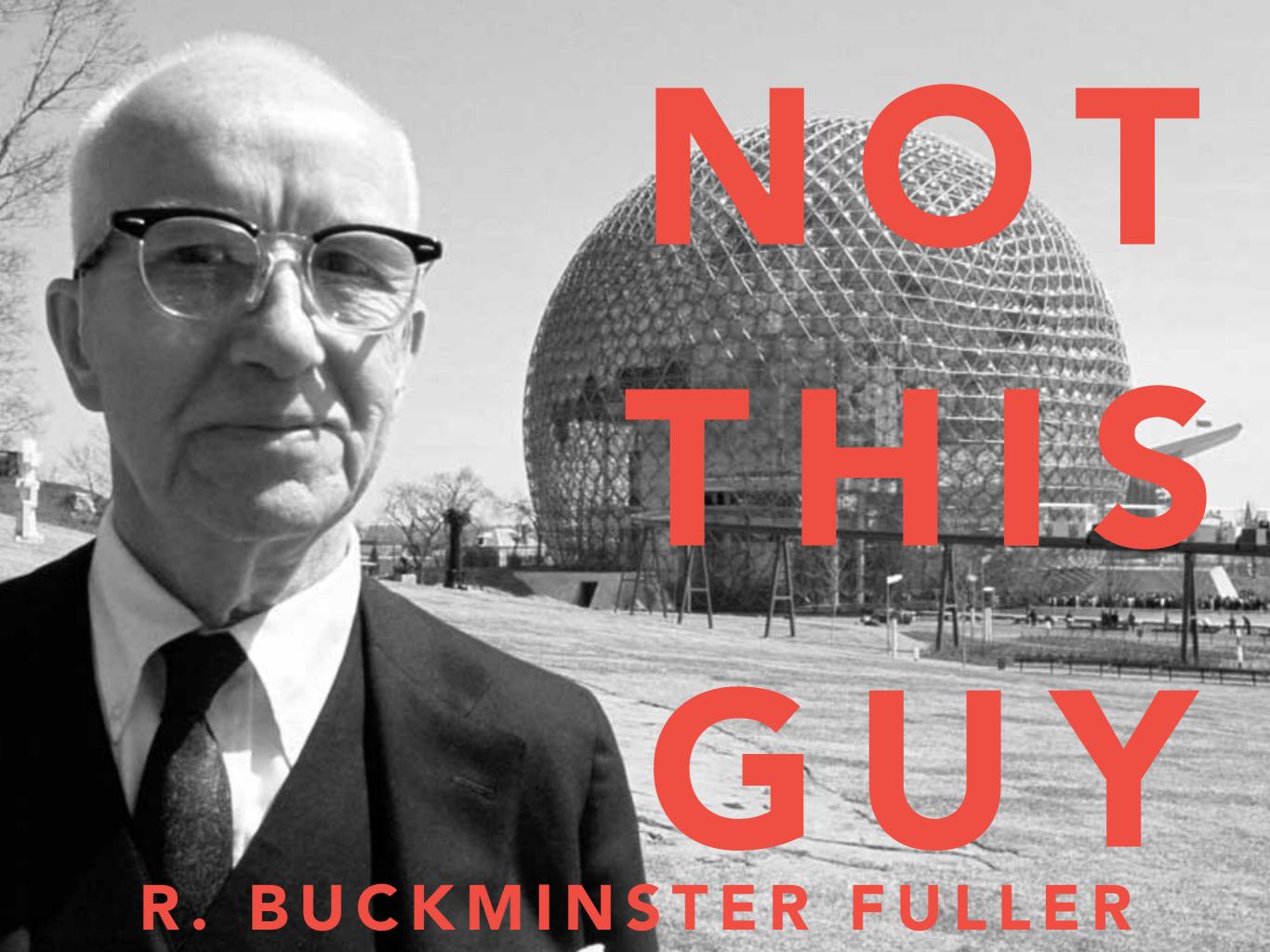
10,208 8" Floppy Disks



Surface area of 8" vs. Micro SD

WHAT DOES THE HOME OF THEFUTURE LOOK LIKE?





















SC-08 A-1-4

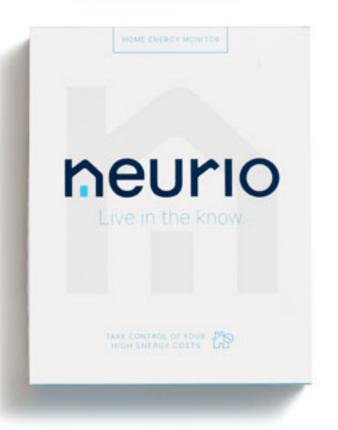
DYNAMIC

ROSETTA HOME



ENVIRONMENT

ENERGY







Locations



7467 Sheridan

\$765,000.00

Enormous, 4,100 sq ft., solid brick mini-mansion on 50x175' lot awaits new owner. Grand entry & staircase, double parlor. DR w/ cross beamed ceilings opens to enclosed greenhouse. Grand, open kitchen. Oak floors & trim throughout. Big BR's, vintage tile in



1761 MORSE

\$267,000.00

Stunning!Extra large 1500sf newer all brick/limestone construction, with PRIVATE GARAGE included!Lush gardens welcome you to this intimate 8 unit bldg.

Situated on the south side of the building, this unit is LOADED with SUNLIGHT! Open Living/Dining/Kitchen



7625 Eastlake

\$215,000.00

Highly Sought after Boutique elevator Building on Eastlake Terrace, Sunny & Bright Corner unit, Huge private Deck with a Beautiful Lake View, secure indoor heated Garage parking, features open floor plan, 2 bedrooms/2bath, Gas fireplace, newly



1737 Division

\$299,900.00

Spectacular location for a 2 bedroom 2 bath unit. Unit offers an efficient layout with kitchen and eating area, living room, 2 bedrooms and 2 bathrooms. Quality finishes throughout – hardwood floors, granite counters and contemporary cabinetry. Washer dryer



1833 73rd

\$279,000.00

GREAT CURB APPEAL! MANY UPDATES!
ADORABLE GEORGIAN HAS LIV RM, FORMAL DIN
RM, 1ST FL FAM RM W/ YARD VIEW. ALL HDWD
FLRS EXCEPT FAM RM. NWR KIT W/CORIAN
CNTRS SS STL APPL. NEW 1ST FL POWDER RM.

CRT LABS

7467 Sheridan Edit



\$765,000.00



View

7467 Sheridan

Enormous, 4,100 sq ft., solid brick mini-mansion on 50x175' lot awaits new owner. Grand entry & staircase, double parlor. DR w/ cross beamed ceilings opens to enclosed greenhouse. Grand, open kitchen. Oak floors & trim throughout. Big BR's, vintage tile in kit and baths, 3 FP's. Tile roof, 2 car brick gar + 3 pkg spaces, 6ft. iron fence, expandable full walk-up 3rd fl., high ceiling basement, 1/2 block to Lake.

Similar Properties



1761 MORSE





Listing Details True Living Cost Rosetta Home

ClosePrice None

ListAgentMIsId 112446

OriginalEntryTimesta... None

> Latitude 42.018051

CloseDate None

VOWConsumerCom... True

OperatingExpense

None

BathroomsTotal

3.1

BathroomsFull

OriginalListPrice 765000

OffMarketDate

None

Green

Ν StreetDirPrefix

IDXAddressDisplayYN

True

PublicRemarks

Enormous, 4,100 sq ft., solid brick mini-mansion on 50x175' lot awaits new owner. Grand entry & staircase, double parlor. DR w/ cross beamed ceilings opens to enclosed greenhouse. Grand, open kitchen. Oak floors & trim throughout. Big BR's, vintage tile in kit and baths, 3 FP's. Tile roof, 2 car brick gar + 3 pkg spaces, 6ft. iron fence, expandable full walk-up 3rd fl., high ceiling basement, 1/2 block to Lake.

ContingentDate None

ListingContractDate 2015-05-03 05:00:00

ListAgentCellPhone None

> StreetSuffix RD

NetOperatingIncome None

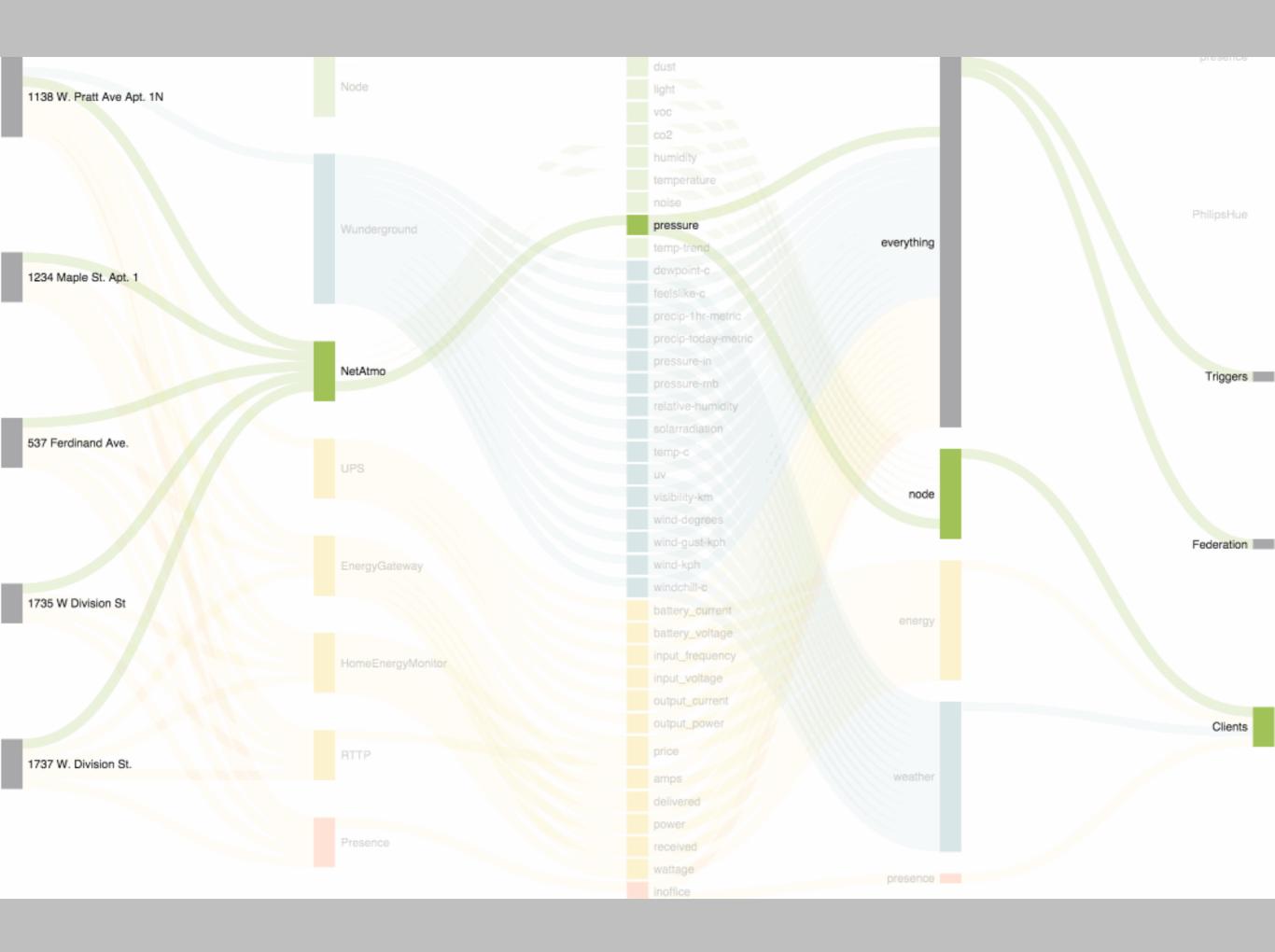
StateOrProvince

PropertySubType D

> LivingArea 4100

ListOfficeName Baird & Warner

Make



AUTOMATION REPLACES THE AUTOMATON

_

Inman News @InmanNews · 14s

inman

A good practice is always to know as much as you can about a property before you buy or sell. bit.ly/1F9J7dK

000



What's one thing that can prove a home's value an...

According to the BuildFax Index, approximately 7 million building permits for nonreplacement residential work were ...

inman.com

10:48 PM - 17 Sep 2015 · Details







Hide summary

CONNECTED HOME



ENERGY EFICIENCY



LIGHT QUALITY





AMBIENT



COMFORT & HEALTH

AIR QUALITY IMPACTS HEALTH

TEMPERATURE IMPACTS HEALTH

LIGHT QUALITY IMPACTS HEALTH

HUMIDITY IMPACTS HEALTH







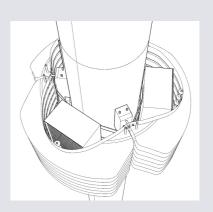


Third Generation AoT

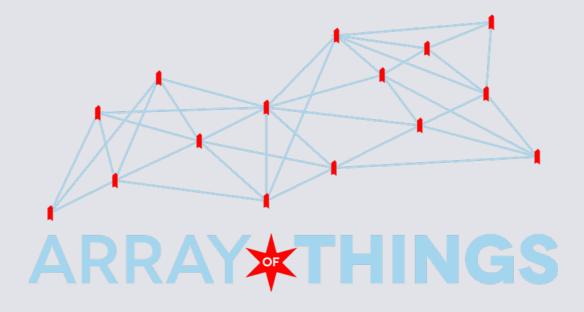




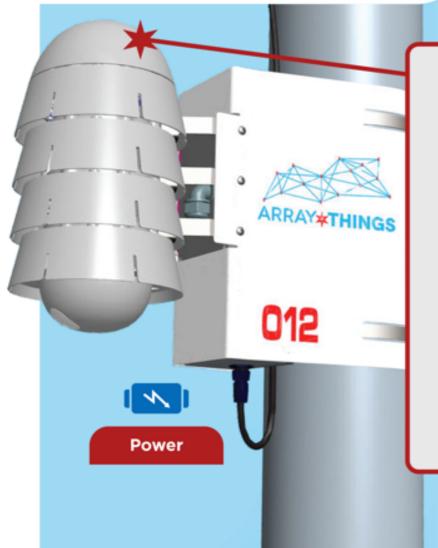




Street Light Pole Units



ARRAY *** ARCHITECTURE THINGS



Node Components



Sensors

Air temperature, Humidity, Barometric Pressure, Vibration, Sound Intensity, Magnetometer



Linux Node Controllers

Image Processing Computer & System Health Manager and Control/Communications Computer



Air Quality Sensors

Nitrogen Dioxide, Ozone, Carbon Monoxide, Hydrogen Sulfide, Sulfer Dioxide



Node Power Manager

Node health monitoring and resilience functions

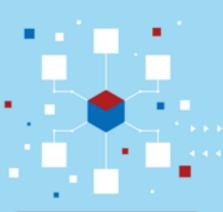


Light & Infrared Sensors

Light intensity, infrared (CLOUD COVER; SURFACE TEMPERATURE), camera, vehicle and pedestrian traffic. Images processed in-situ and discarded.

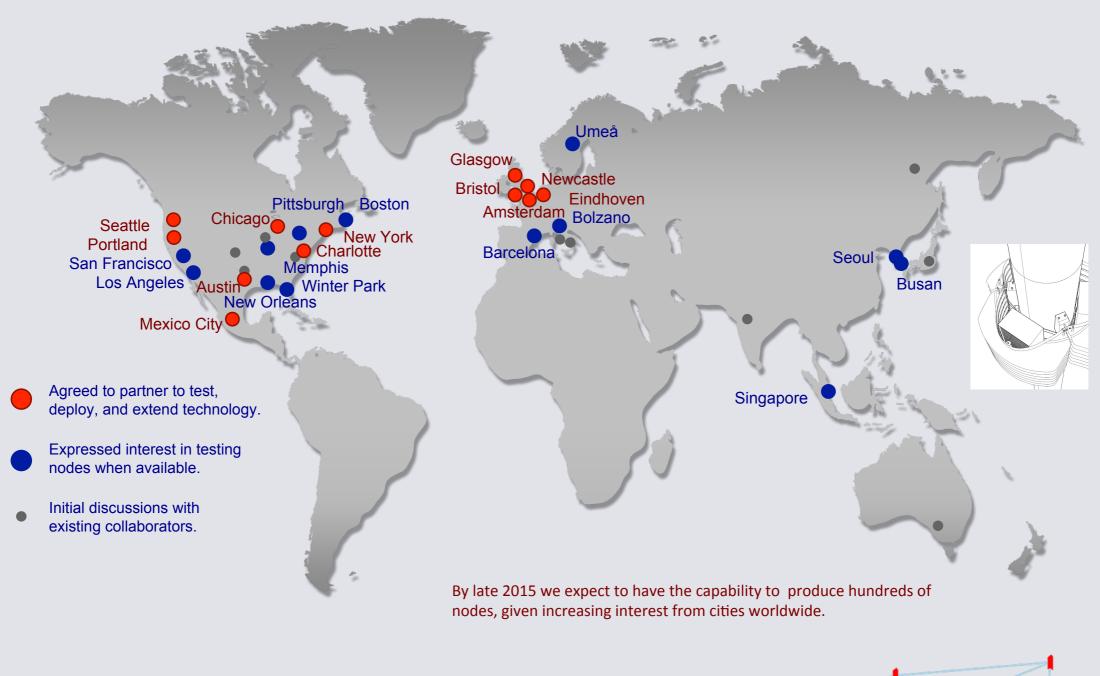


Argonne Server



Plenario, Open Data Portals, Dashboards, and Apps











Previous Article

Next Article >

National Science Foundation Awards \$3.1 Million to Chicago's Array of Things Project

NSF Grant will fund development and installation of 500 nodes in Chicago

Released: 14-Sep-2015 12:05 PM EDT Source Newsroom: Computation Institute

more news from this source

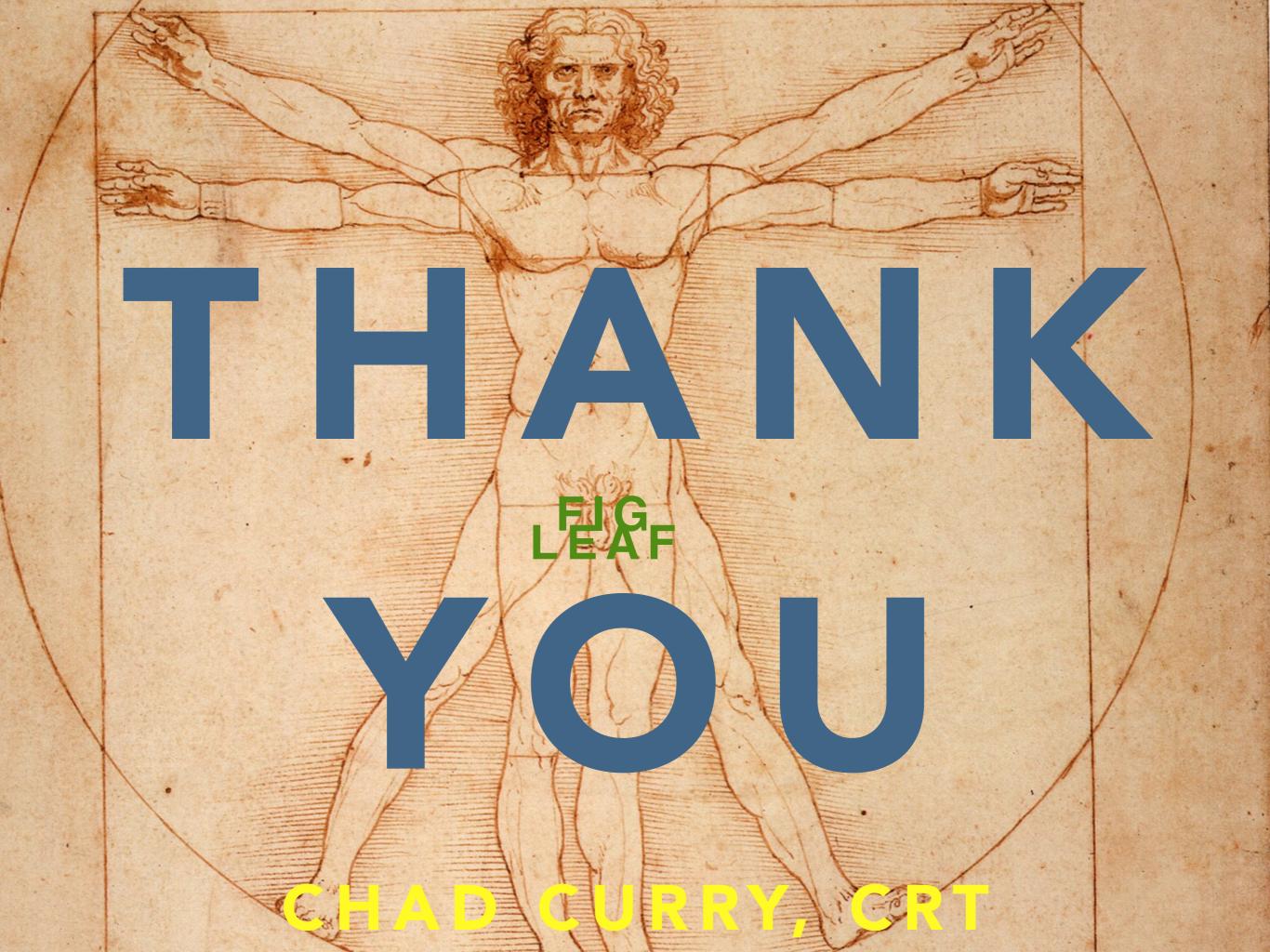


Contact Information

Available for logged-in reporters only

Newswise — CHICAGO—The University of Chicago (UChicago) announced today that the National Science Foundation has awarded a \$3.1 million grant to support the development of Array of Things, an urban sensing instrument that will serve as a fitness tracker for the city. Starting next year, 500 Array of Things (AoT) nodes will measure data on Chicago's environment, infrastructure and activity to scientifically investigate solutions to urban





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