

FROM EDU TO ENTERPRISE: WHAT THE #\$\$%& HAVE WE DONE?!



DAMIEN BARRETT

Apple Platform Engineer
Fortune 500 Company



BEN GREISLER

Mac Expert
kadimac.com

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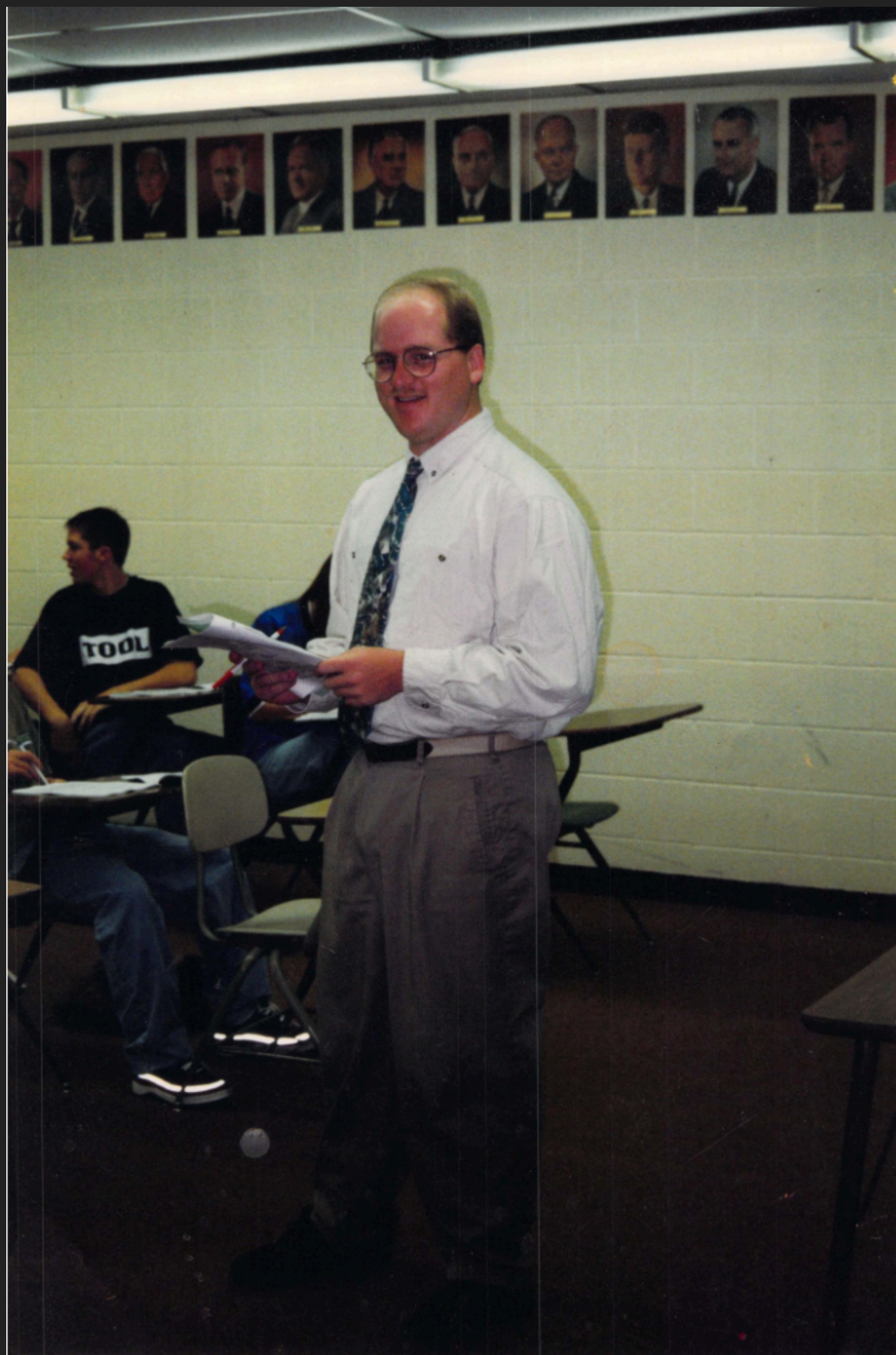
DISCLAIMERS

INTROS: STORYTIME

**“IF YOU REALLY LOOK CLOSELY, MOST
OVERNIGHT SUCCESSES TOOK A LONG
TIME.**

Steve Jobs

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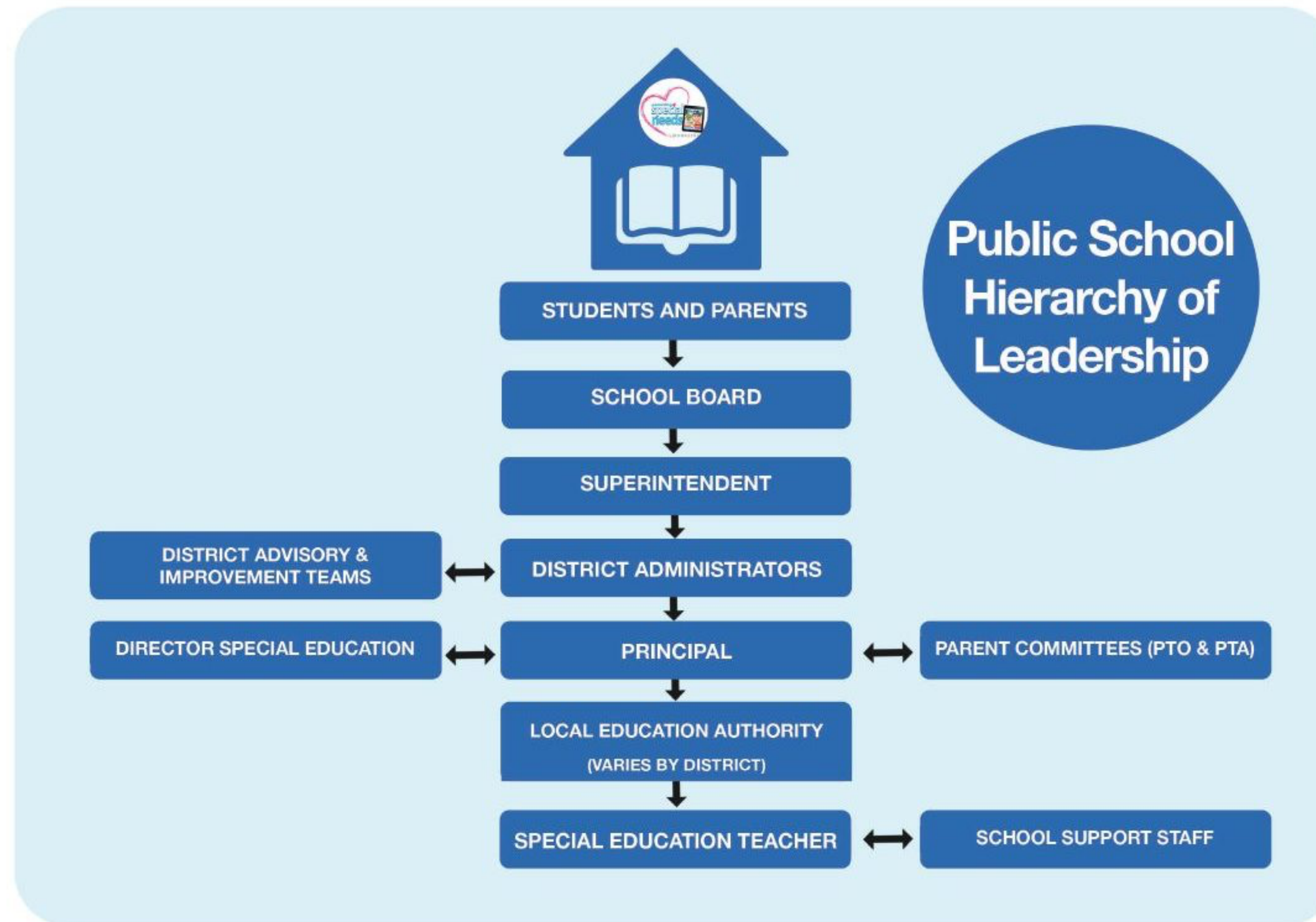
1996
called:
wants
its pleated
khakis back

WHO IS HERE?

- ▶ EDU Admins?
- ▶ Enterprise Admins?
- ▶ Others?

ORGANIZATIONAL STRUCTURE

EDUCATION



PLEASE NOTE: Every district is going to do things their own way. This is simply a "basic blueprint".

PUBLIC K-12

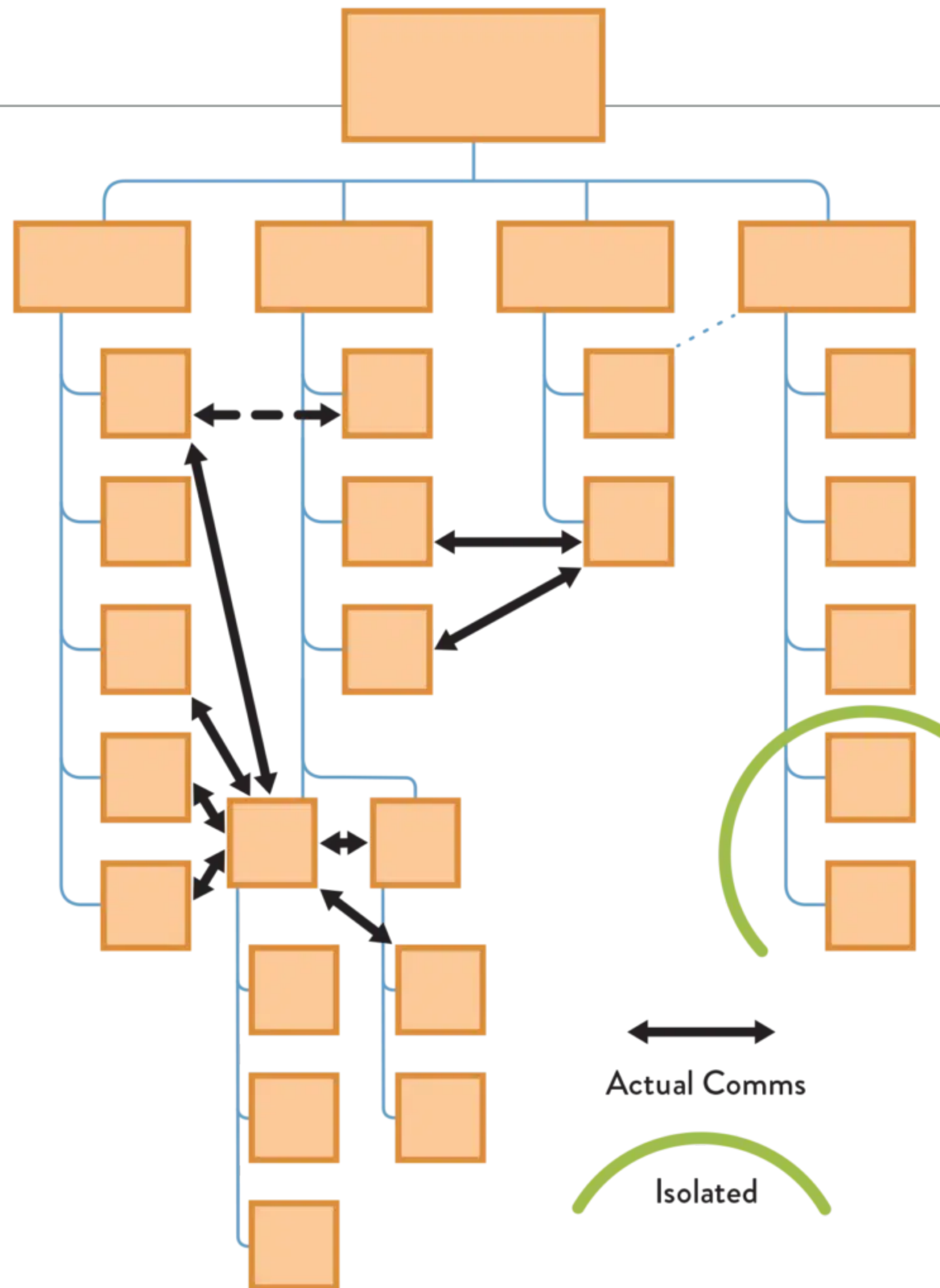
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ORGANIZATIONAL STRUCTURE

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THE PROBLEM WITH ORG CHARTS



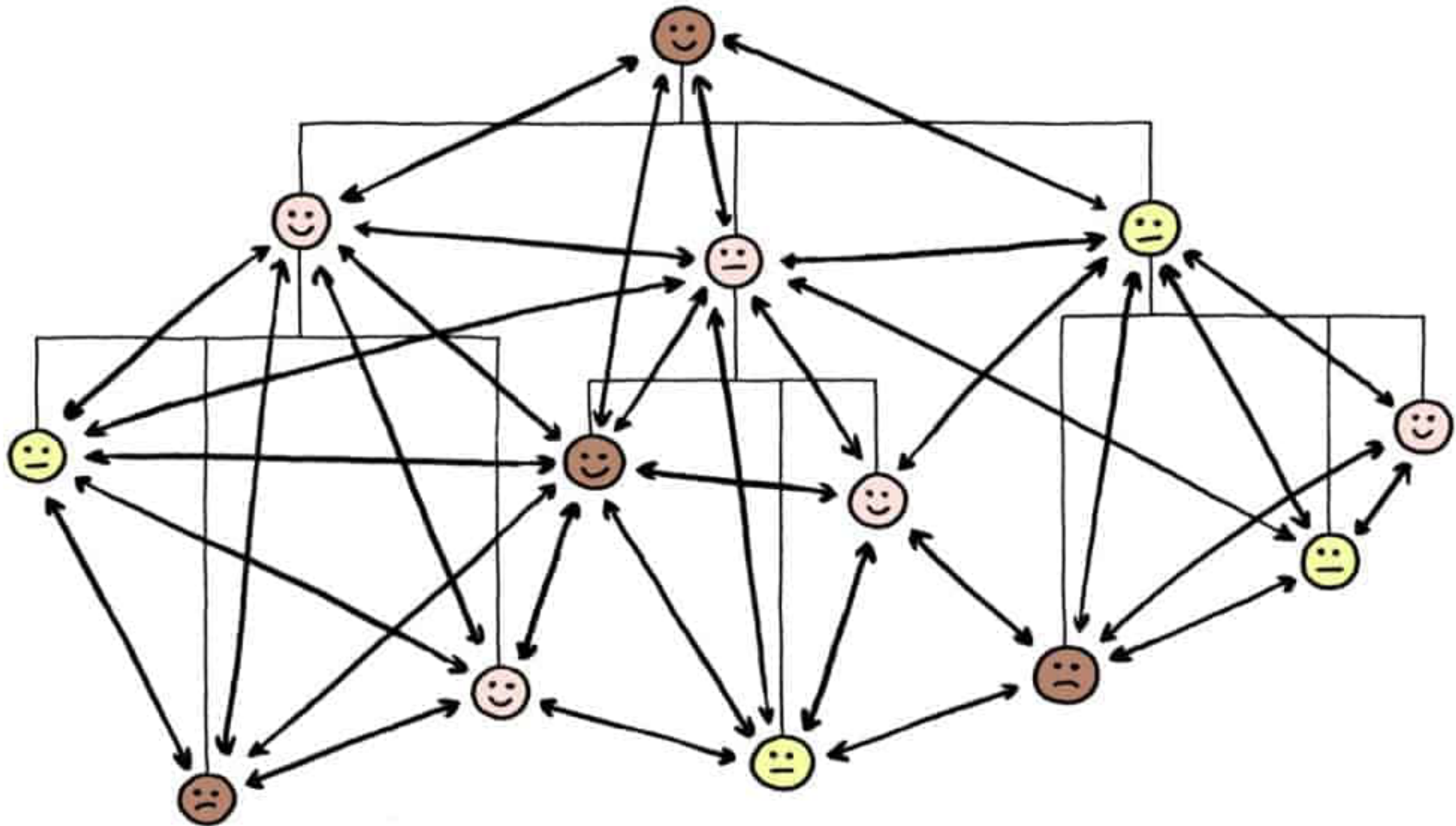


CORPORATE

ORGANIZATIONAL STRUCTURE

HIGHER-ED / UNIVERSITY

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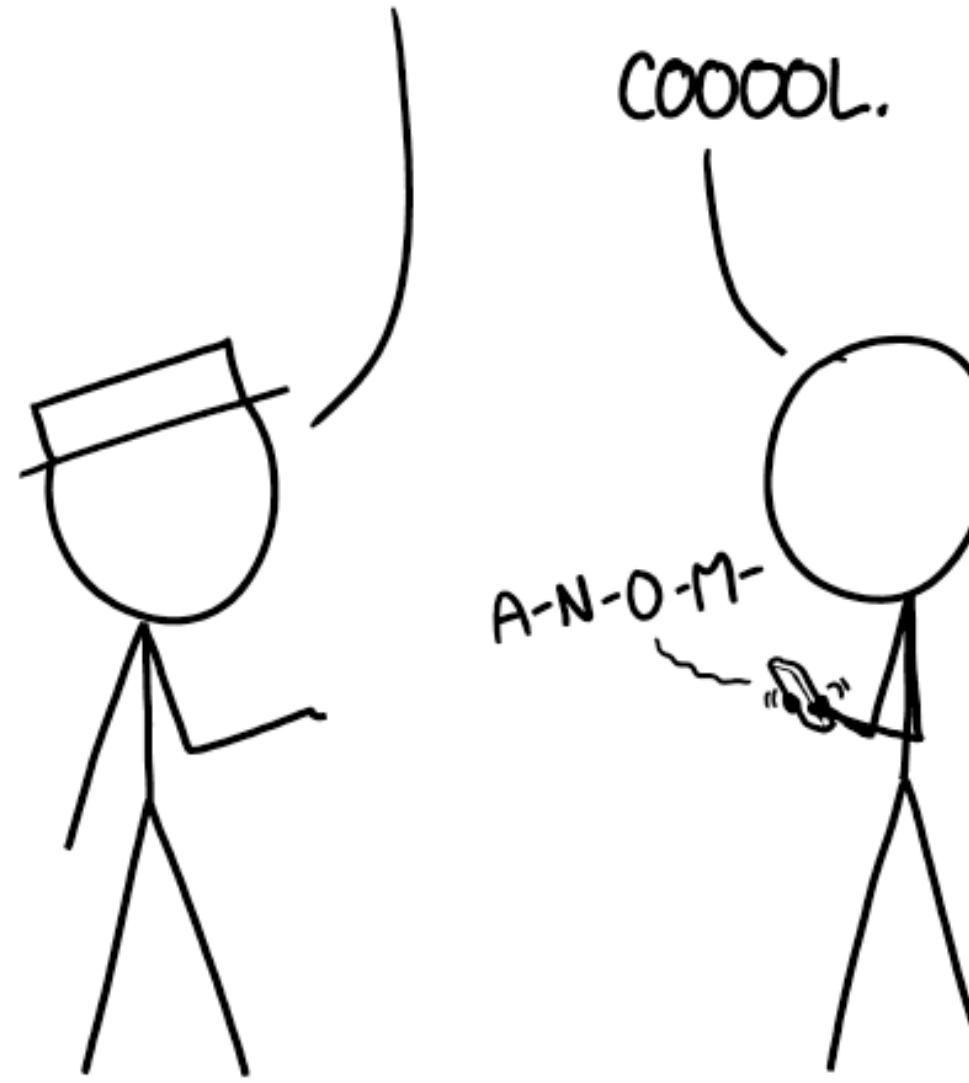
HIGHER EDU
(THERE IS NO ORDER)

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JARGON

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YEAH, I LEARNED ABOUT IT WHEN I WAS
RESEARCHING ANOMALOUS ELECTROWEAK
SPHALERON TRANSITION BARYOGENESIS.



MY HOBBY: COLLECTING REALLY SATISFYING-
SOUNDING FIVE-WORD TECHNICAL PHRASES.

CURRENT FAVORITES

- TRANSJUGULAR INTRAHEPATIC
PORTOSYSTEMIC SHUNT PLACEMENT
- GENERALIZED AUTOREGRESSIVE
CONDITIONAL HETEROSKEDASTICITY MODEL
- UNICELLULAR DIAZOTROPHIC
CYANOBACTERIA GROUP A
- ANOMALOUS ELECTROWEAK SPHALERON
TRANSITION BARYOGENESIS

ACRONYMS

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Acronyms are just something you'll have to learn - every company and industry has them. You'll learn them as you go along. And you can always ask - you are new, so people won't expect that you'll know them all yet.

As for the corporate mumbo-jumbo - how much of that people use is company-specific and person-specific. I've found that I can reduce the amount of mumbo-jumbo that is used by just not using it when I talk. I use plain language and try to stay away from the cliches, and definitely try to use the correct words for things. It's quite interesting how easily you can influence other people's speech. As a newer person, you might not talk much in meetings, so your ability to influence how other people talk might be minimal at this point, but over time you will likely talk more in meetings, give more presentations, etc.

????

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SamaireB · 1 day ago

As long as you make sure we collaborate beyond boundaries, share accountability and apply enterprise thinking by streamlining our processes to increase synergies, eliminate redundancies and drive out-of-the-box innovation.

THE APPEARANCE OF BEING BUSY

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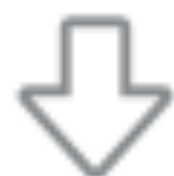


Automatic_Sun6551 🏆 +1 · 1 day ago

Oh yes that's the other half of working for a corporation. Pushing the onus off on someone else LOL. We just shuffle responsibility back and forth and we are always busy. Busy doing nearly nothing some days.



22



Reply

Share



ASK THE AUDIENCE



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S.A.M. DOES NOT MEAN “SEATTLE ART MUSEUM”

Business Software Alliance - Fines

Compatibility with OS updates

Open Source Software – IP

All the things removed from OS X versions

The SAM process – vetted by Security, Finance, Endpoint, Legal, Procurement

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Software Asset Management



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WTF IS “CHANGE MANAGEMENT”?

“The controlled identification and implementation of required changes within a computer system.” (or organization)

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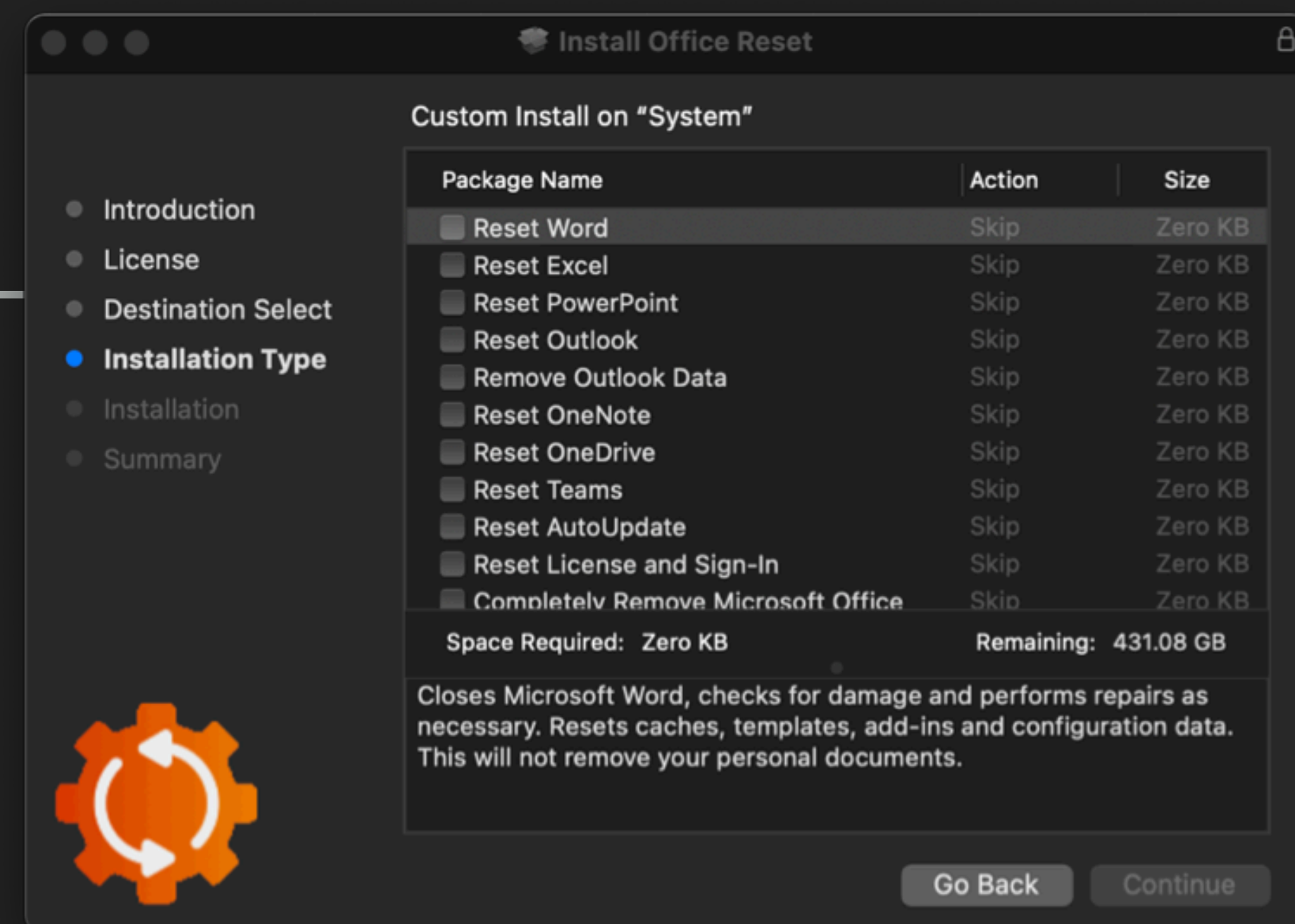
CHANGE MANAGEMENT

WHY?

CHANGE MANAGEMENT: STORYTIME

Paul Bowden's Office-Reset

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READ-ONLY FRIDAYS

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MULTINATIONAL HOLIDAYS



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MACADMININS & CYBERSECURITY . . .

FRENEMIES FOR LIFE?

ZScaler / Proxies

VPNs and Firewalls

Heuristics and Metrics – Kolide / Uptycs

SIEMs like Sentinel or Splunk

DEP solutions

EDR like Crowdstrike, Sentinel One, Carbon Black

Forensics tools – Encase

DLP

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UH OH...

A 12YO JUST PEN-TESTED YOUR FIREWALL

NIDS - we used Untangle

My **very** long list of prohibited software

Forensics / Postmortem

Do you have a critical response team?

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damienbarrett

Valued Contributor



Posted on 01-09-2014 11:52 AM

Okay, I'll bite on this one. Here is my list. It changes regularly. Mostly we're blocking P2P, Usenet downloaders (NZB) and Bitcoin. Mavericks installer is in there now, but will be removed once we're done vetting it.

Also killing (and deleting) the common drive-by malware MacKeeper and Genieo.

1 Transmission 2 BitTorrent

3 UTorrent

4 Cabos

5 Frostwire

6 Vuze

7 Acqlite

8 BitRocket

9 Bits on Wheels

10 Mojo 11 Nativa

12 Phex

13 qbittorrent

14 ShakesPeer

15 Tribler

16 XFactor

17 XTorrent

18 Acquisition

19 all.com

20 Poisoned

21 aMule
22 xDonkey
23 EasyMule
24 iSoul
25 PeerGuardian
27 Tomato Torrent
28 AdmitOne
30 MacKeeper
32 OS X Mavericks
33 BitTorrent Sync
34 Torch
36 BitLord
37 Asteroid
38 Bitcoin-Qt
39 cgminer for Mac OS X
40 Electrum

42 Qt Bitcoin Trader
43 Hive
44 guiminer
45 bfgminer
46 cgminer
47 MacMiner
48 Genieo
49 Unison
50 NZBVortex
51 SABnzbd+
52 Hogwasher
53 MacSoup
54 NZB Drop
55 NZB Vortex
56 SuperNZB
57 Thoth

ZTNA

WWW.NETWORKWORLD.COM, JANUARY 1, 2012:

"PROTECTING THE DATA IS THE REAL GOAL, NOT 'CONTROLLING THE DEVICE' OR 'MANAGING AS FULLY AS WE DID IN THE PAST' WITH SOMETHING LIKE [RIM'S] BLACKBERRY ENTERPRISE SERVER," GREISLER SAID.

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[HTTPS://NVL PUBS.NIST.GOV/NISTPUBS/SPECIALPUBLICATIONS/NIST.SP.800-207.PDF](https://nvlpubs.nist.gov/nistpubs/specialpublications/nist.sp.800-207.pdf)

**HEY, ADOBE! COMPUTER LABS
STILL EXIST IN EDU**

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**EDUCATION DOESN'T HAVE AN
“EXECUTIVE IT SUPPORT TEAM”**

DATA RETENTION

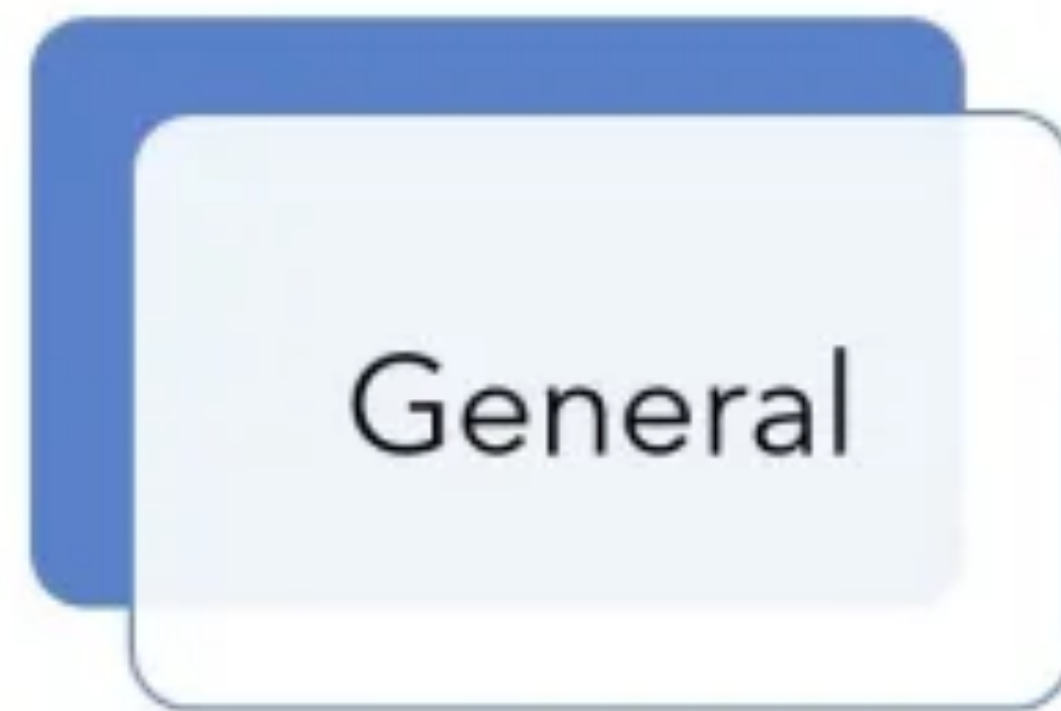
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DATA CLASSIFICATION

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Can be shared freely with external parties. For public consumption. No visual markings.



Can be shared throughout the organization. For internal use. No visual markings.

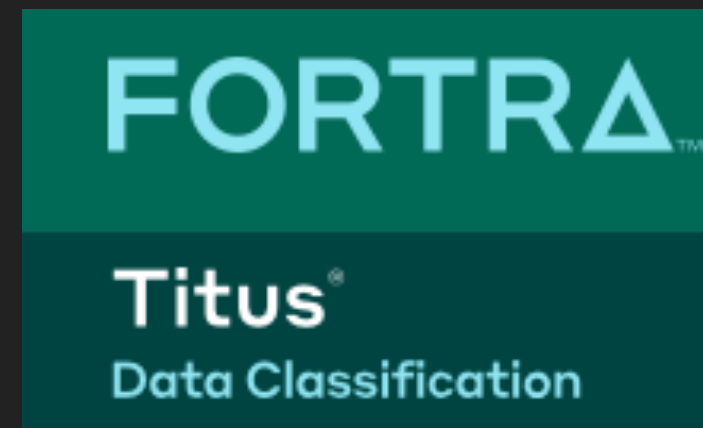


Can be shared on a need-to-know basis. Visual markings include watermark, header, and footer.



Critical data for the organization. Only shared with named recipients. Cannot print nor download.

DATA CLASSIFICATION



COMMONALITIES

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HARDWARE

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SOFTWARE

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USERS

MDM



IDENTITY MANAGEMENT (IDP)

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	Okta	▼		OneLogin	▼		SailPoint	▼
	Google	▼		ForgeRock	▼		Auth0	▼
	Oracle	▼		Ping Identity	▼		SecureAuth	▼
	Salesforce	▼		RSA	▼		JumpCloud	▼
	Google Workspace	▼		Radiant Logic	▼		Shibboleth	▼
	Bitium	▼		Delinea	▼		Apple	▼

DIFFERENCES

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JOB TITLES

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ENTERPRISE JOB TITLES

“DIVISIONAL VP OF ANALYTICS AND INFORMATION SECURITY”



ghost

@ghostisposting

how do i get one of those jobs that
arent real where i send an email and
then go to a meeting and then draft
an email and then leave work and
get paid \$98,000 a year and have a
badge on a little cord that says
senior deputy analytics coordinator
supervisor of marketing and sales

EDUCATION JOB TITLES

“USER SUPPORT SERVICES ASSOCIATE LEVEL 2”

*An actual job title I once had

SUMMERTIME!

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Infrastructure changes

Device refresh - "re-imaging"

Policy changes

Repairs

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SUMMERTIME!

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Summers don't exist*

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*Except for August

PICTURES!

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**LAP TOP
DROP -OFF**















PICTURES!

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Yes, people actually work here

FINAL THOUGHTS

Q&A



Feedback
Welcome

<https://bit.ly/psumac2023-154>