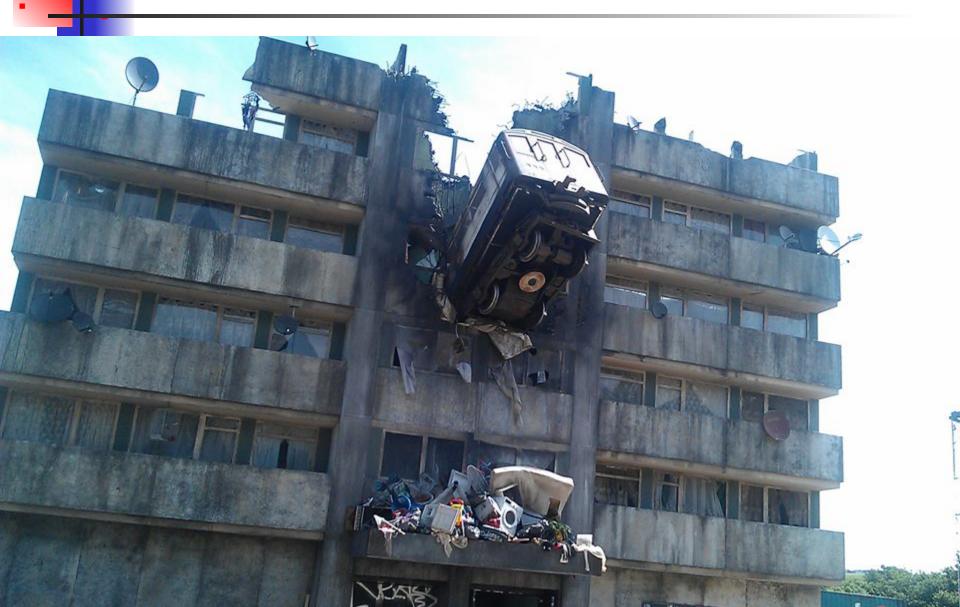
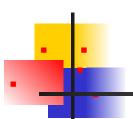
National Digital Id System through the Covid-19 backdoor - via Tony Blair

Jon Crowcroft,

http://www.cl.cam.ac.uk/~jac22

Do no harm...



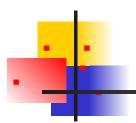


The UK has eschewed National Id Cards

- 1. Campaigners argued:
- 2. but we have

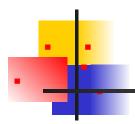


- national insurance numbers, driving licenses, passports, NHS numbers etc
- 4. And many private identifiers too
- 5. Why not simplify?



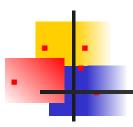
Plus points for unifying gov id

- 1. Joins over data help government
- 2. Also KYC 100\$ redux to 10cents
- 3. Assuming government competent
- 4. Assuming data accurate (HMRC stories)
- 5. Assuming unique ID (NHS stories)
- 6. What could possibly go wrong



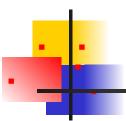
Methods for unifying

- 1. Single Id
- 2. Federate Id systems
- 3. Keep systems separate and let users do join
- 4. add yours here



Opportunities for improvement

- 1. Biometrics
- 2. Data Science/de-noise/wranglers
- 3. Users self-improve (google scholar/wiki style)
- 4.



How too enforce separation

- Tech&Law
- Case study Immunity Passports
- or as we prefer, Antibody Certificates
- lame excuse
- war stories here:

This is to certify that Je soussigné(e) certif	fie que } John	ceascre	ST
whose signature follow dont la signature suit	ws }	date of Bin né(e) le	rth }
has on the date indicat a été vacciné(e) ou rev	ed been vaccinated or revaccinated agai acciné(e) contre la fiévre jaune à la date	nst yellow fever. Indiquée.	sex }
Date	Signature and professional status of vaccinator Signature et qualité professionelle du vaccinateur	Manufacture and batch no. of vaccine Fabricant du vaccin employe et numero du lot	Official stamp of vaccinating centre Cachet officiel du centre de vaccination
16 MOV 90	R. M. BÉHRENS MBCP CONSULTANT PHYSICIAN	WELLCOME BATCH No.	HOSPITAL FOR TROPICAL DISEASES TRAVEL CLINIC
201	BADAS CHARRIOS	04103	Dags Libos
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References

- Digital Identity: The missing piece of the Governments Exit Strategy, from Tony Blaiir's Institute for Global Change: https://institute.global/policy/digital-identity-missing-piece-governments-exit-strategy
 - Plus see also https://institute.global/policy/new-approach-digital-identity
 - Secure ABC: Secure AntiBody Certificates for COVID-19, https://arxiv.org/abs/2005.11833
 - https://arxiv.org/abs/2004.04059, TraceSecure: Towards Privacy Preserving Contact Tracing
 - <u>So why do either of these two apps need any moore than pseudonyms + linking service to NHS number?</u>



Who Am I?

