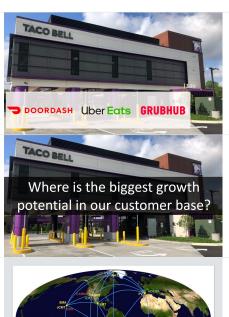


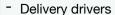
- Bear with me, as I'm going to tell a story
- 3 unexpected, thought-provoking events that the occurred in fields outside of libraries, that created a shift towards contactless services
- Let's return to this image as a starting point
- A chilling reminder of an uncertain time
- A surprising Hero: QR Code
- Calculus of influences for a replacement technologies
- Concerns over the transmission of illness (e.g. REALM Project)
- Reader tech baked into operating systems
- In fact, the QR code reached mainstream use;
 in a field of competing solutions
- Coinbase purchased a 60-second full commercial ad during the 2022 super bowl
- During those 60 seconds, 20+ million hits were recorded.





- When heavily used resource becomes expensive (risk of touch during COVID), alternative resources will become cheap (less risk) by comparison
- Borrowing a term from the field of economics, a backstop technology has taken over
- Two-story, four-lane drive-thru in Minnesota
- No dining room and no parking by design
- Prompted by data analysis and thoughtful discussion about their "fans"
- They discovered a previously neglected population in their service design





- This design elevates delivery drivers as firstclass citizens in the landscape.
- Two customers to consider in a transaction: pickup driver and the literal consumer of the product
- Point: identified a potential growth sector
- Set a focus and prioritized
- At the scope of Yum! Brands, this is a small experiment
- Built specialized facilities, branches, annex and touch point in their service design



- James Webb telescope takes celebrity status
- Network representation of the eight sites that constitute the Event Horizon telescope.
- For decades, a collaborative effort towards a shared goal and common purpose.
- To transform the entire planet into camera aperture



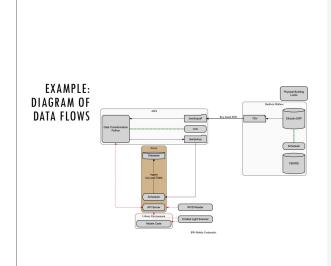
- And the goal? photograph a black hole.
- This blew my mind. It was a rare, miraculous event
- An instance of crossing the threshold from the impossible to reality



- And that's what each of the upcoming case studies represent
- Sustained efforts towards a common goal, between library staff, third-party service providers, institutional IT staff, and folks with the skills to communicate across domains and create the glue that binds everything together.



- As you hear from each of the upcoming presenters, use these 3 transitional events from the last few years as devices to frame your thinking
- Risk and competitive advantage, biggest areas of future growth, and partners that can help you bring your goals into focus... and into reality



But before that... an obligatory technical slide

A simplified, high level overview of enable these contactless services possible at a consortial scale

In producing these processes:

- Use known technologies
- Avoid brittle solutions (i.e., Sierra)
- Remove duplication of effort across the consortium
- Minimize opportunity for error and need for intervention
- Reduce library staff involvement

We sought the least amount of human intervention involved in any solution.

Which is another way of saying, "We want a fully automated solution"