A quote to start...
...In that Empire, the craft of Cartography attained such Perfection that the Map of a Single province covered the space of an entire City, and the Map of the Empire itself an entire Province. In the course of Time, these Extensive maps were found somehow wanting, and so the College of Cartographers evolved a Map of the Empire that was of the same Scale as the Empire and that coincided with it point for point. Less attentive to the Study of Cartography, succeeding Generations came to judge a map of such Magnitude cumbersome, and, not without Irreverence, they abandoned it to the Rigours of sun and Rain. In the western Deserts, tattered Fragments of the Map are still to be found, Sheltering an occasional Beast or Beggar; in the whole Nation, no other relic is left of the Discipline of Geography.

Jorge Luis Borges
From Travels of Praiseworthy Men (1658) by J. A. Suarez Miranda
...In that Empire, the craft of Cartography attained such Perfection that the Map of a Single province covered the space of an entire City, and the Map of the Empire itself an entire Province. In the course of Time, these Extensive maps were found somehow wanting, and so the College of Cartographers evolved a Map of the Empire that was of the same Scale as the Empire and that coincided with it point for point. Less attentive to the Study of Cartography, succeeding Generations came to judge a map of such Magnitude cumbersome, and, not without Irreverence, they abandoned it to the Rigours of sun and Rain. In the western Deserts, tattered Fragments of the Map are still to be found, Sheltering an occasional Beast or beggar; in the whole Nation, no other relic is left of the Discipline of Geography.
What Data?
Brainstormed as group

Sound attenuation
Materials
Shadows -> Hiding
Physical property
Desire Lines | Truth

Contextual info from world
Footsteps | Stress | Emotion

Aesthetics | Transcriptions of a canvas.

Biometric Data

- Pheromones
- Location of Beings
- Personal Space
  (Kendon F-formula)

A/V | Focus of Attention
L/N | Non-verbal communication

Haptic
Vibration | Scents | All digital

Infrasound | Read Peers | Sensory space
Visualisation and Cognition:
Drawing Things Together

Bruno Latour

I. Thinking with eyes and hands

It would be nice to be able to define what is specific to our modern scientific culture. It would be still nicer to find the most economical explanation (which might not be the most economic one) of its origins and special characteristics. To arrive at a parsimonious explanation it is best not to appeal to universal traits of nature. Hypotheses about changes in the mind or human consciousness, in the structure of the brain, in social relations, in “mentalités”, or in the economic infrastructure which are posited to explain the emergence of science or its present achievements are simply too grandiose, not to say hagiographic in most cases and plainly racist in more than a few others. Occam’s razor should cut these explanations short. No “new man” suddenly emerged sometime in the sixteenth century, and there are no mutants with larger brains working inside modern laboratories who can think differently from the rest of us. The idea that a more rational mind or a more constraining scientific method emerged from darkness and chaos is too complicated a hypothesis.

It seems to me that the first step towards a convincing explanation is to adopt this a priori position. It clears the field of study of any single distinction between prescientific and scientific cultures, unlike the dichotomy of “traditional versus modern”. As Jack Goody points out, the “grand dichotomy” with its self-righteous certainty should be replaced by many smaller and less certain differences and similarities. Science and technology are not so much diametrically opposed as more or less orthogonal in different cultural and social combinations.
Experience Trajectories

ALL SENSING ≠ ALL EXPERIENCING

Emotional Scrunch
Bruno Latour
- Drawing things together

Stranger coming to space
- Bulding as super-receptionist
What to do with Data?

Can you predict the future
- learn from past

Disaster management

Intuition

Return to previous state

WHY?

Tipping point

→ where next?

Happy Acc.
Tell us what you-the-building found...
You are the building
Half an hour role-playing the all sensing architecture around the conference centre
You are the building
All sensing architecture = building as ego?
Stepping into a little design fiction...
Diminished Reality 3000
Complete with Space-Time-Data scraping antenna!
Navigate the world using SPD

...but what if the data is a bit glitchy, a bit out of date?
Security guard? That wasn’t in SPD

Uh-oh...
...er, Google Street View anybody?
Over to you, groups!
Thinking of design fictions...
...making the props
Design Fiction
Anonymiser
Now you see it...
Anonymiser

...now the building doesn’t see it
Masquerader
Design Fiction
Story Trumpet
The personal narrative of the object - their life as an object
Story Trumpet
The personal narrative of the object - their life as an object
3 Design Fiction
Sensory Suit
Nicola clearly needs a hug...
Sensory Suit

*really* needs a hug
Sensory Suit
If its inappropriate to actually hug, can we text back a response
Design Fiction
Space Time Love
Scanning SPD for suitable partner
Space Time Love
Suitable partner detected, system deployed
5 Design Fiction
See more clearly: NO AR+™
A anti-AR portal
A closing quote...
'Let us imagine that a portion of the soil of England has been levelled off perfectly and that on it a cartographer traces a map of England. The job is perfect; there is no detail of the soil of England, no matter how minute, that is not registered on the map; everything has there its correspondence. This map, in such a case, should contain a map of the map, which should contain a map of the map of the map, and so on to infinity.' Why does it disturb us that the map be included in the map and the thousand and one nights in the book of the Thousand and One Nights? Why does it disturb us that Don Quixote be a reader of the Quixote and Hamlet a spectator of Hamlet? I believe I have found the reason: these inversions suggest that characters of a fictional work can be readers or spectators, we, its readers or spectators, can be fictions.
'Let us imagine that a portion of the soil of England has been levelled off perfectly and that on it a cartographer traces a map of England. The job is perfect; there is no detail of the soil of England, no matter how minute, that is not registered on the map; everything has there its correspondence. This map, in such a case, should contain a map of the map, which should contain a map of the map of the map, and so on to infinity.' Why does it disturb us that the map be included in the map and the thousand and one nights in the book of the Thousand and One Nights? Why does it disturb us that Don Quixote be a reader of the Quixote and Hamlet a spectator of Hamlet? I believe I have found the reason: these inversions suggest that if the characters of a fictional work can be readers or spectators, we, its readers or spectators, can be fictions.