The Information Perspective
Part II
INFO 200

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Information Perspective 2
agenda

- systems and information systems
- a couple more examples of objects, roles, and systems
- the life cycle of information - and what's happening
- where the "information perspective" comes from
- …and an important new (old) concept

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what's an "information system"?

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how would you systematize?

information as **knowledge**
information as **process**
hence, the focus on information as **thing**

Rosetta Stone
196 BCE

Rosetta Stone
196 BCE

giant fist

Arm of Amenhotep III (statue fragment)
1550-1069 BCE

Rosetta Stone
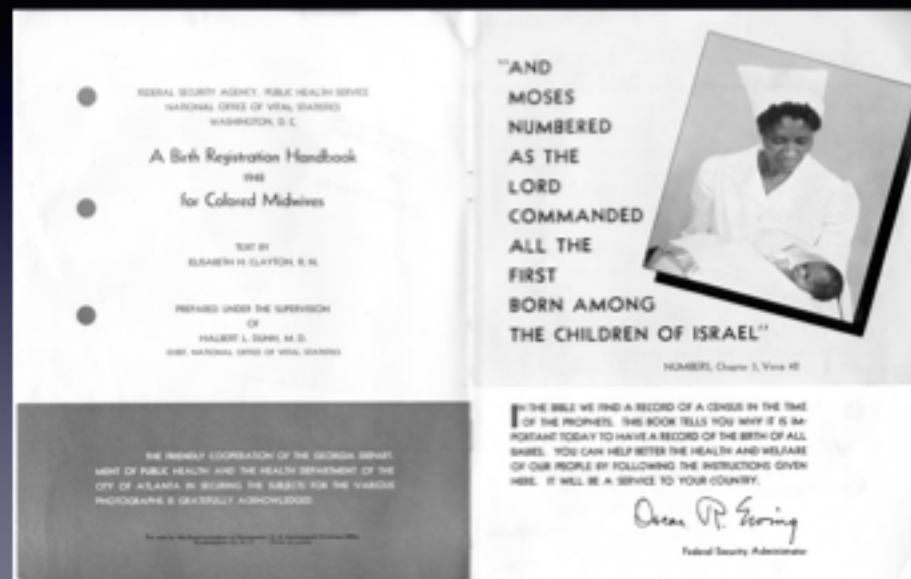196 BCE

Catherine Brewer's Diploma
1840

Barack Obama Birth Certificate
1961

"A Birth Certificate for Baby"
1948

"life cycle of information"

creation
publication/dissemination/production
evaluation & collection
storage
organization
retrieval/search
evaluation & use
...which often leads to creation

*at each stage, decisions are made, neutral, good and otherwise;
    intentional and unintentional*

and it expands

2020 This Is What Happens In An **Internet Minute**

60 SECONDS

and it gets faster

Velocity - Time required to send 250 words over 3000 miles

490 BC — about 120 days running 25 miles/day

1844 AD — a little over 4 minutes
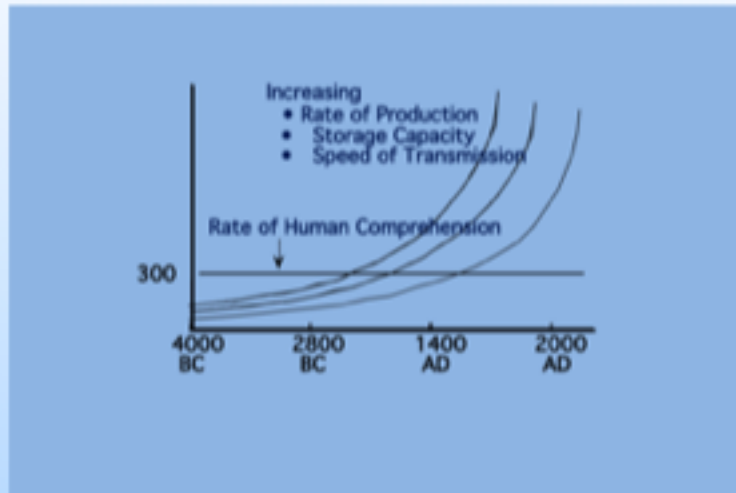
1999 AD — .33 seconds

2019 AD — .002 seconds

and we don't

Rate of Human Consumption

4000 BC — ~ 300 words per minute

2800 BC — ~ 300 words per minute

1450 AD — ~ 300 words per minute

2019 AD — ~ 300 words per minute

oops

Increasing
- Rate of Production
- Storage Capacity
- Speed of Transmission

Rate of Human Comprehension

300

4000 BC   2800 BC   1400 AD   2000 AD

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the "information perspective"

paying attention to information (etc.) for its own sake - all those stages in the life cycle, how it works, for whom, why, why not, in what circumstances and situations ...

and if you pay attention long enough, you realize something that underlies just about everything here...

power

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