



EUROPEAN
UNION
AGENCY
FOR RAILWAYS

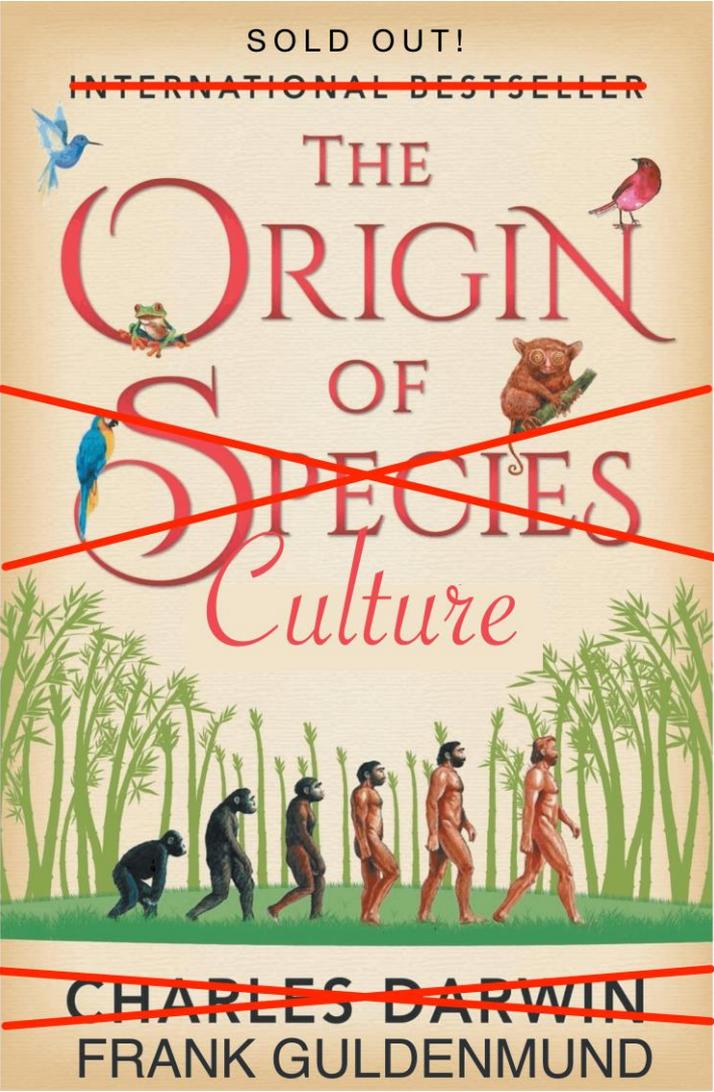
The Origins of Culture

ERA Rail Safety Days, Porto 3 – 5 November 2021

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SOLD OUT!

~~INTERNATIONAL BESTSELLER~~



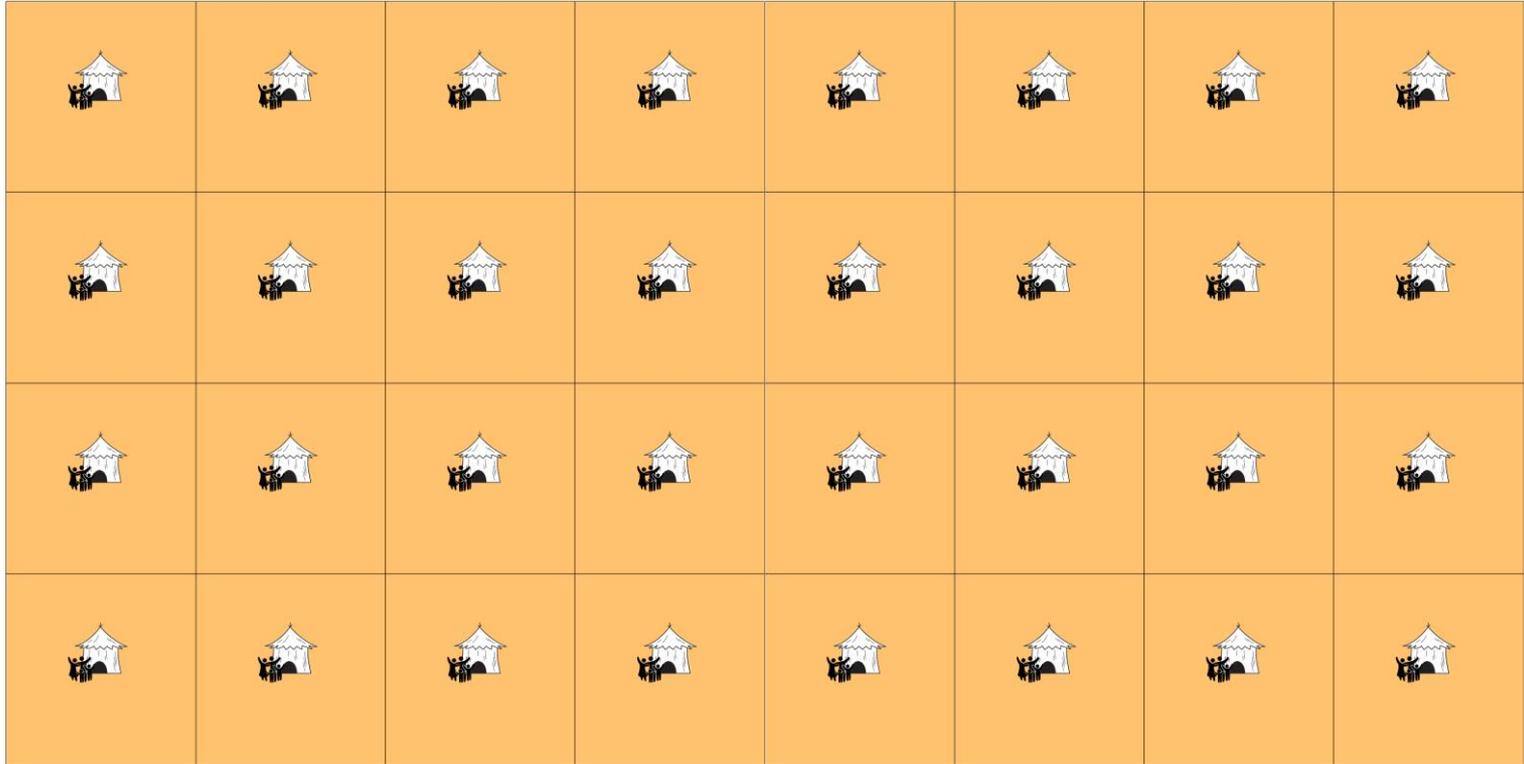
THE
ORIGIN
OF
SPECIES
Culture

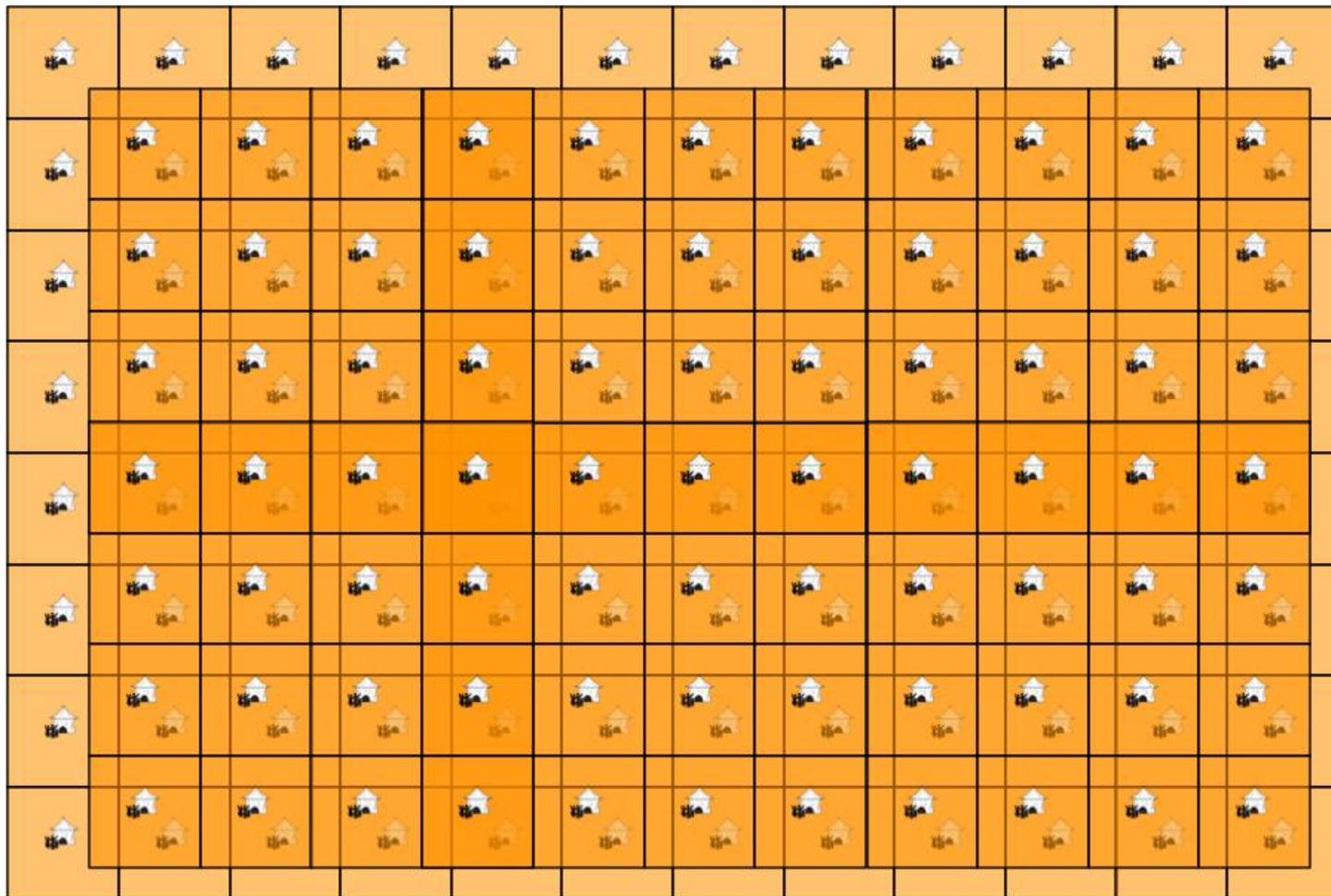
~~CHARLES DARWIN~~
~~FRANK GULDENMUND~~

Menu

- Long ago, far away
- Nature vs. culture
- Culture and safety
- Models of culture
- The development of culture
- Remarks, questions?

Long ago, far away





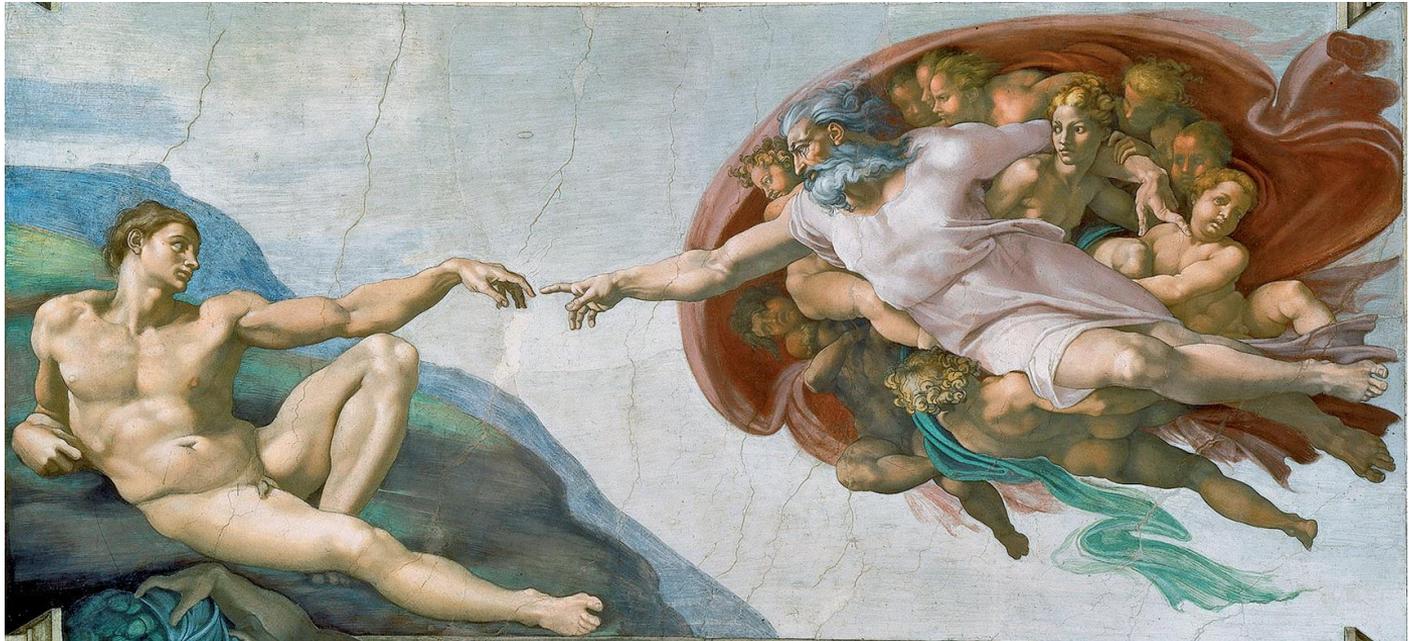
What happened?

- People got different roles and various positions in ‘a society’
- The need for coordination led to central concepts, language symbols
- Our struggle with nature led to **technology**, like tools, bridges, houses, weapons and so on (and also **religion**)
- Our struggle with each other led to **laws**, and institutions
- Our struggle regarding the future led to **religion**
- The need for rules of behavior, common symbols, artefacts and so on, in other words, our need for a *shared understanding* of the world we inhabit, led to **culture**

What stayed about the same?

- Our quest for gratification, or *greed*
 - Our ability to become afraid, our *fears*
 - Our need to be accepted as part of the group, our *herd drive*
- All these drives are thoroughly embedded in our brains, but often modified by our culture



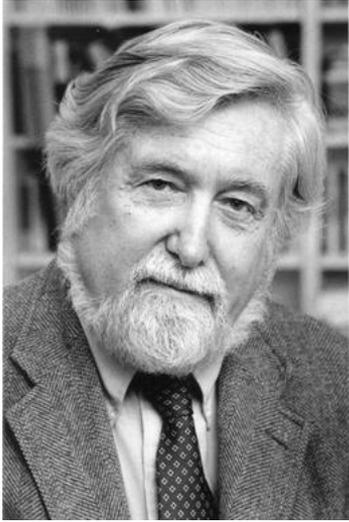








Clifford Geertz



“Without men, no culture, certainly; but equally, and more significantly, without culture, no men.”

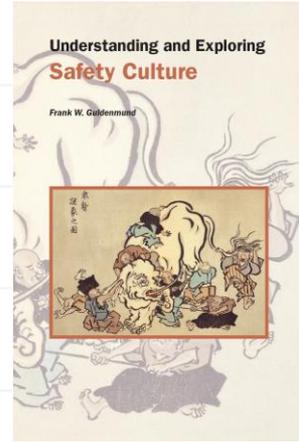
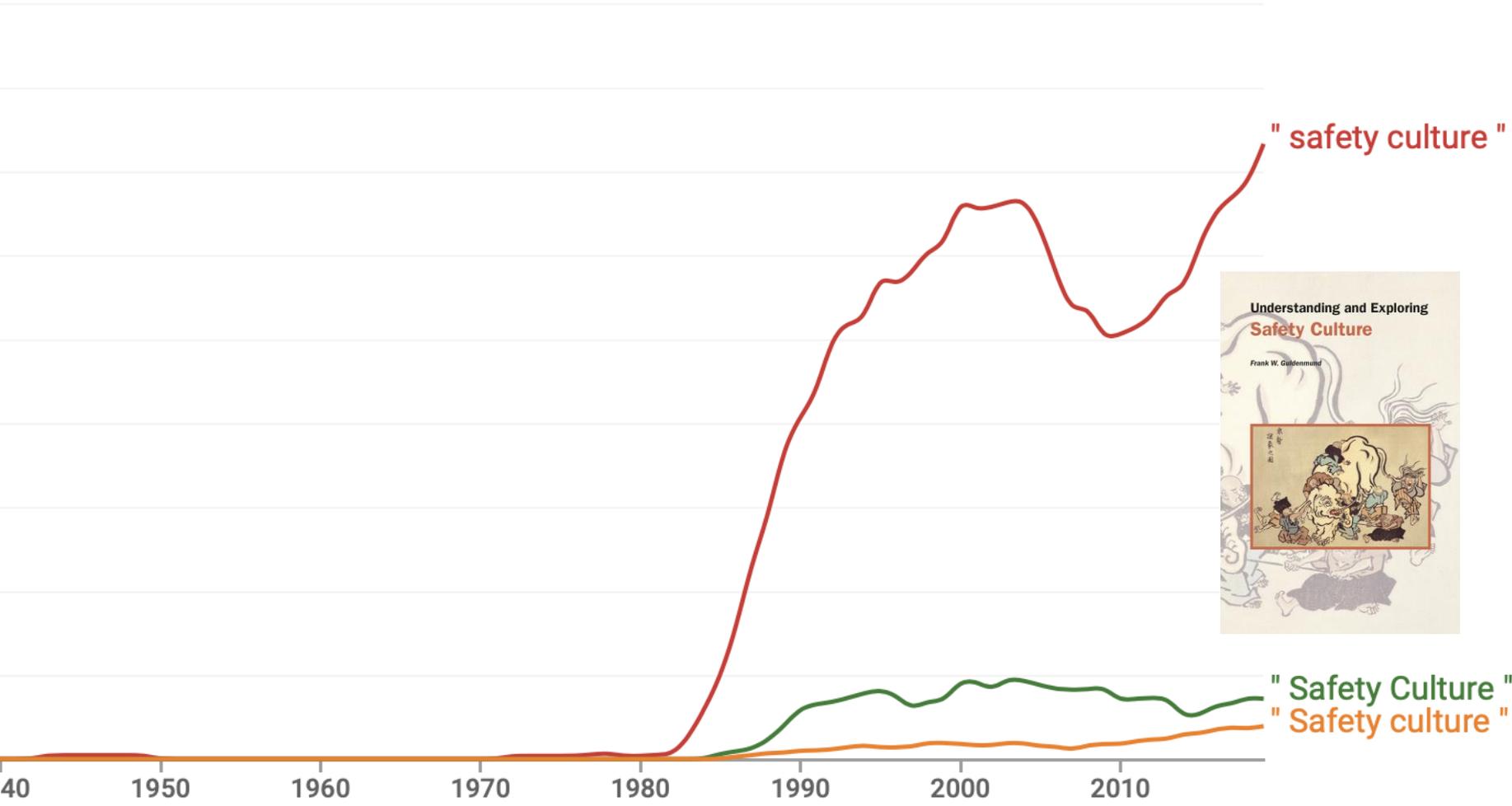


Genie, the wolf child

Culture and safety

Barry Turner: Aberfan disaster (21/10/1966)



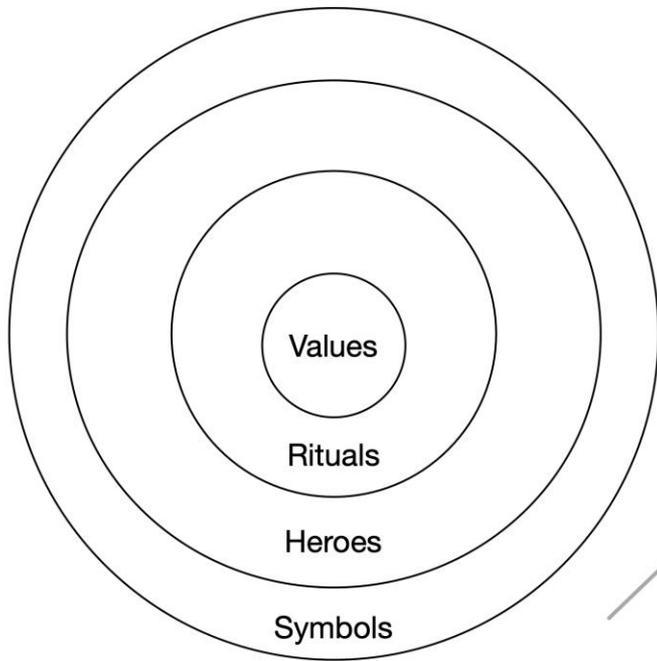
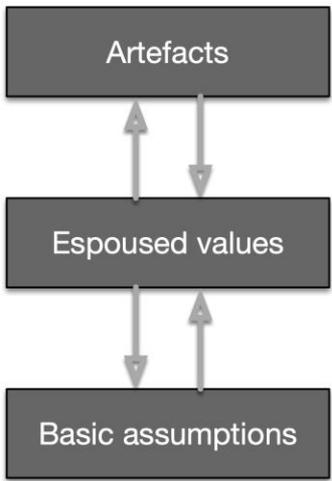


" safety culture "

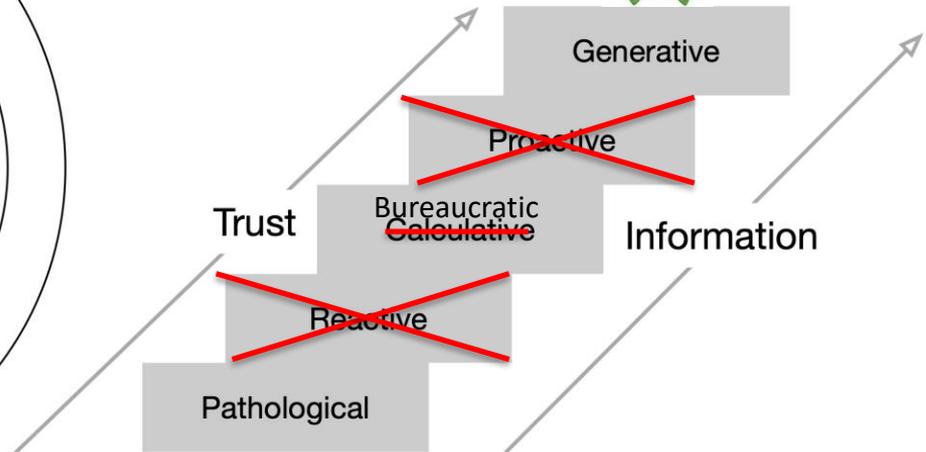
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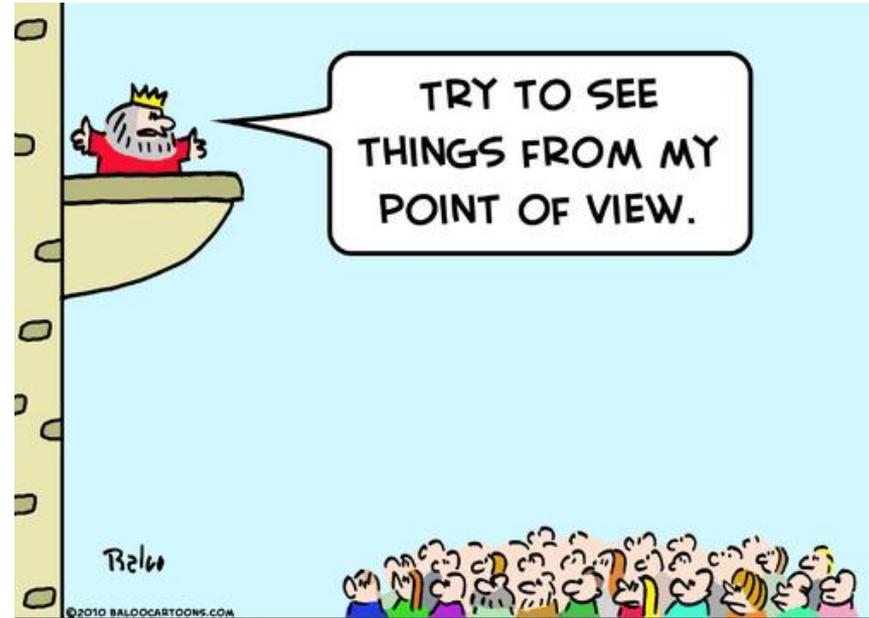
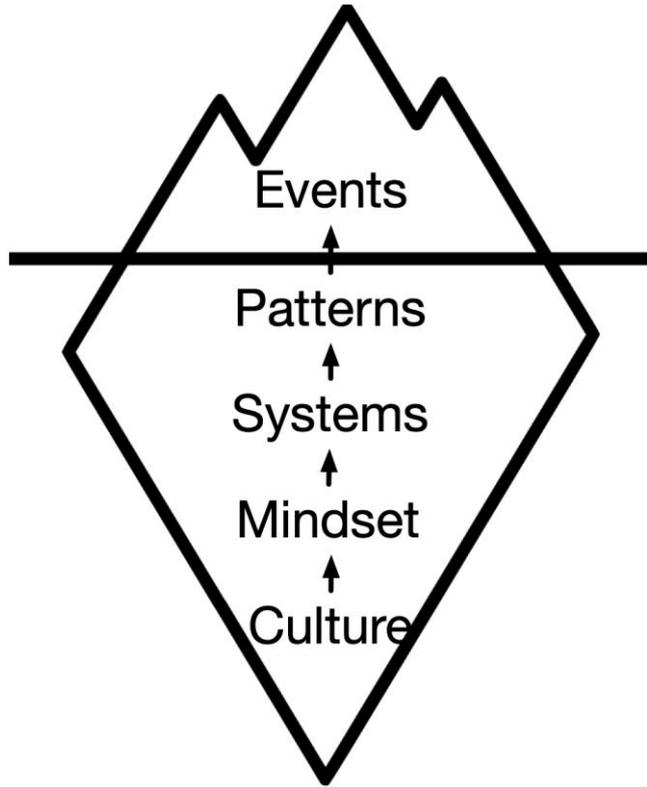
" Safety culture "





Ron Westrum

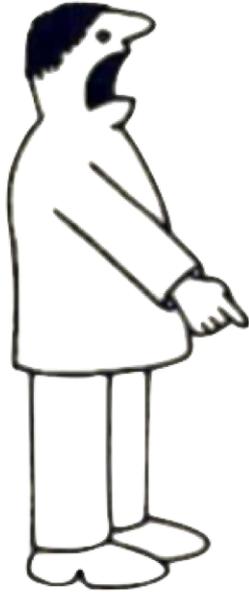




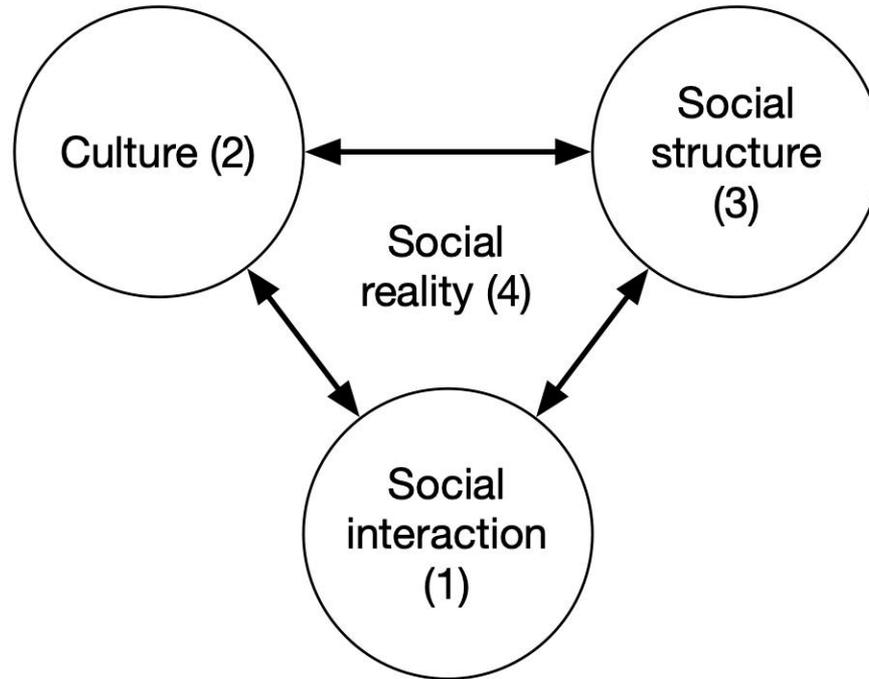
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Naive reality

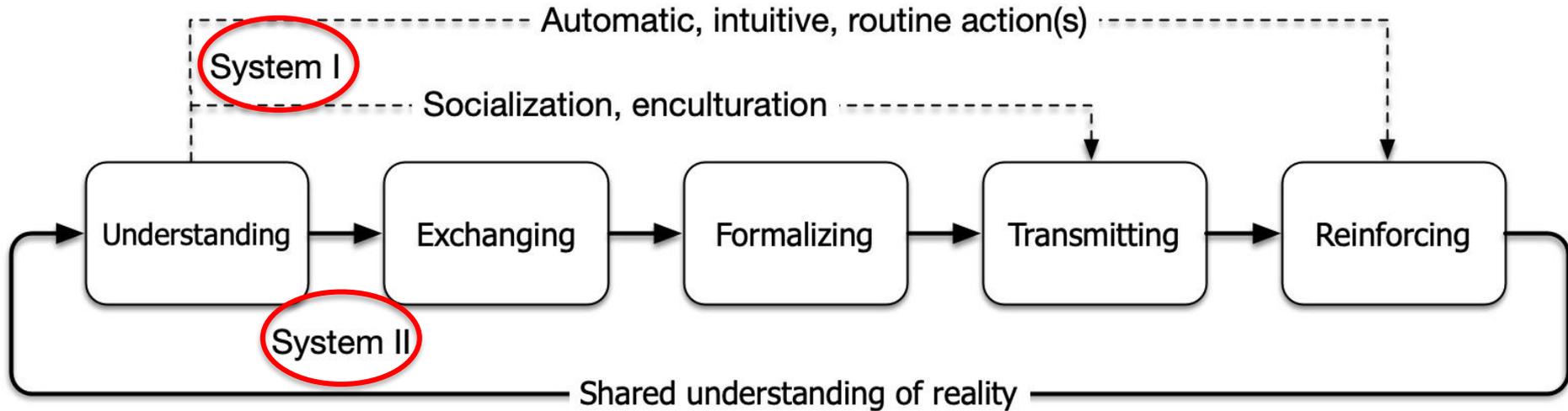
NINE



The triangle of social reality



The development of culture



Wrap up

- Without culture, no man
- Culture makes human interaction possible but is also the result of that interaction
- The trick is, how to make people take the safest route, when they have a choice



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