ANT

Actor Network Theory

Relevance

Process Strategies

Architecture

Governance

Assemblage Theory

Actor Network Theory

Reflexive Modernisation

Complexity Science

Plan

- Basic definition review
- Work in teams with some silly cases using ANT
- Discuss silly cases briefly in class
  - Highlight actor influence
- Teams discuss their cases using ANT

Actors and actions

- ANT is useful to analyze *actions*
  - Rich descriptions
  - Relevant causes
  - Describes a constant chaos
  - Great at describing complexity
  - Gives few answers

Inscription

- The intended "meaning" or usage given by the artifacts creator
- May be strengthened by for example:
  - Standards
  - Increased installed base
  - Instructions
  - Translations

Translation and Alignment

- Heterogeneous actor interests.
- The process of reaching alignment is called Translation.
- Translation is a constant process.
- Describing a translation depends upon the network in question.
- Multiple translation for the same "artifact".

Irreversibility

- Once sufficiently alignment is reached
    - The network alignment grows resistant to change
    - Gains Momentum (Installed base)
    - Institutionalization

Blackboxing

Many actors may be generalized to a group
- Wheels+engine+brakes+etc=Car

ANT allows for generalized actors and detailed actors to be analyzed at the same time.
- One loose tile on Discovery

Silly Case1

- You are driving your sister to the hospital
- She is in labour, you are running very late
- You are the first to arrive at a car accident
- Two lanes, at a curve. At night. No visibility.
- There is a solid line, and prohibited to pass
- If you stop, you will save life
- No cellphone coverage
- Plenty of traffic

Silly Case2

- You are driving your sister to the hospital.
- She is in labour, you are running very late.
- You are the first to arrive at a car accident.
- Two lanes road, at a curve. At night.
- There is a solid line, and prohibited to pass.
- If you stop, you cannot save life.
- Great cellphone coverage.
- Plenty of traffic.

Silly Case3

- You are driving your daughter to her wedding. You are right on time. Dressed up.
- You are the third to arrive at a car accident
- Highway, two lanes each way. No curve.
- Daylight. Great visibility. Video surveillance.
- If you stop, you will save life.
- Great cellphone coverage.
- Hardly any traffic. Low risk to move around.

Teamwork

Use ANT to analyze your team project