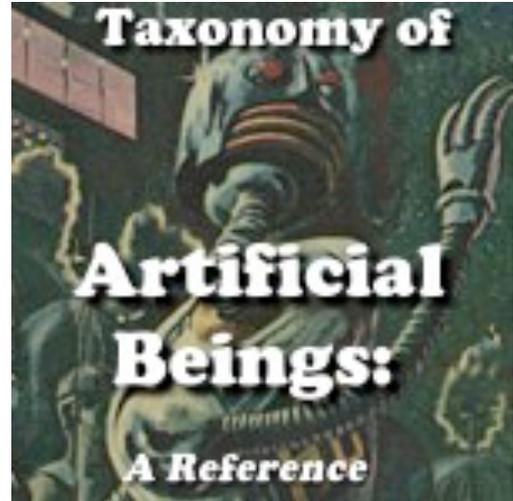


Taxonomy of Artificial Being: A Reference

Artificial Irrational Being (AIB):

- These creations think like higher animals using associations, correlations and fuzzy logic.
- They have partially disassociated sets of behavioral repertoires that are tailored to different environments and triggered by circumstances, i.e., emotions.
- They can learn vicariously and anticipate future events.
- Language is rudimentary composed of 50 or less stand-alone cues (sounds, gestures, etc.) that elicit specific responses (grounds squirrels have different calls to alert for the presence of: birds-of-prey, coyotes, and snakes)
- This fuzzy correlative emotionally tinged world of Irrational Thinkers is the evolutionary solution to a world of imperfect knowledge—the REAL world.
- Expected AIB uses:
 - Companions and pets
 - Assistants to the Handicapped and Elderly
 - Extensions of their handlers
 - Anything a working animal can do plus...



Artificial Rational Being (ARB):

- These creations think like people and, like higher animals, use associations, correlations, fuzzy logic, and emotional altered states.
- They can quickly learn vicariously and model possible future events.
- They use a code of conduct—put forward by a society—that may be violated with sufficient justification dictated by cultural convention, i.e., the descriptive definition of a moral code.
- Their mental processes uses and are modified by culture.
- Language is grammatical with thousands of cues as words and used with a high tolerance to ambiguity.
- Because of culture, Rational Thinkers can adapt quickly to a rapidly changing world of imperfect knowledge...
- Expected ARB employment:
 - Personal assistance—Valet, Home Nurse
 - Professional assistant—Subject matter expert, mechanic, technician
 - Paramilitary and Military—Police, soldiers, explorers
 - Overseers of Industrial Robots and Artificial Logical Beings
 - Any other jobs that deal with ambiguity, people or imperfect information

Artificial Logical Beings (ALB):

- Creations that have Logic-based Artificial Intelligence (AI) using strict Boolean If-Then rules. These AIs are well suited to a world of perfect description where all facts are known, conflicts are clearly characterized, and ambiguity does not exist...
- Language may be complex but is subject to schizophrenic literality.
- They may fool the rational observer that they too are rational—but they are just clever artifices...
- Best suited to jobs:
 - Requiring only simple rules
 - Involve repetitive tasks
 - Having scripted environments
 - Using close supervision.

Natural Irrational Being (NIB):

Examples are all higher animals without complex culture, e.g., horses, dog, monkeys, apes.

Natural Rational Being (NIB):

Examples are all higher animals with complex culture, e.g., humans... possible dolphins.

Natural Logical Being (NIB):

No natural example exist...