Artificial Intelligence System Overview - Idea #01
"What databases and processes are needed for a system to be 'Intelligent'"
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Human Training

E.g. Google online app which lets humans 'describe' photos

Cameras

Neural Network

Database of standard images and shapes

Internet

Wikipedia has links to an open source repository of machine readable (XML?) words with synonyms and meanings

Human Groupings

Neural Network

Automated Classifications (e.g. Google Dir)

Human Site Ranking

Neural Network

Database of Words, Phrases, Synonyms

Database of things seen (classified)

Sensors:
- Day/Night
- Movement
- Heat
- Sound
- Human Detection

Real World Sensors

General Classification Database

Database of Generic Data

Raw Logs Database
(everything that has happened in real life)

Neural Network

Concepts

Human Training

This is the tricky bit!
Need to work out how to get it to understand concepts such as:
- passing of time
- sarcasm
- skepticism
- value of information
- human reaction to data

Plans are preset sequences that achieve a desired result

This is a set of functions / actions which are sent to the agents

Tricky - This is the 'Three laws of robotics' sort of stuff

Human Control ONLY

Hard Coded Laws

Human Data Entry

Plans

Knowledge

Neural Network (what is going on)

Categories

Raw Events

* Important Safety Tip:
Don't equip AI with weapons of any kind in case it gains sentinence

- Don't hurt humans,
- be kind,
- strive to learn

High Level Goals / Laws

Database of Ranked Knowledge

Tricky – how does the planning neural net make new plans

Events Database

Triggers

Command Processor
(what to do next)

Planner
(ok – so how the hell do we do this bit?)

Database of Plans Attempted and Success Outcomes

This is a PC understandable database of organised events – e.g. Not just raw data, and classified into the correct sequence

Admin Console Commands

Internet *(User client commands)*

Scheduler (Actions to Perform)

Software Agent 001

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Software Agent nnn