

One Thing I Know

An aid to discussing Human Issues

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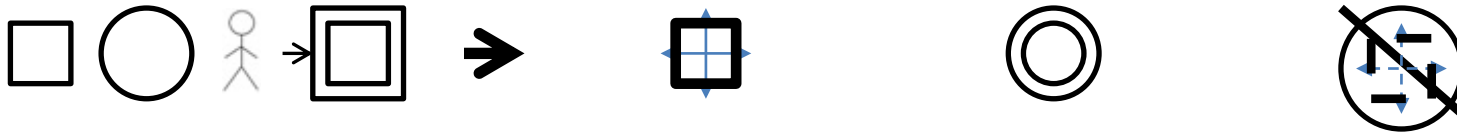
Context

I set out to create a simple string of words – a sentence which would encapsulate as much of the main structural features of the human thought and language as briefly as I could. This became:

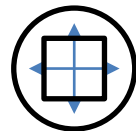
“One thing I know with absolute certainty is absolute certainty does not exist”

It seems a contradiction, Can it be True?, Can it be False, Can it be Negated?, Is it a nonsense statement? Is it a logical Fallacy? I now try to explore this using the symbols I have already created to explore what seems to be emerging from this statement and to see how coherent and robust it is.

One thing I know with absolute certainty is absolute certainty does not exist



Absolute Certainty
= Null Hypothesis



= ?

It depends on boundary conditions of infinity and zero. If infinity or zero exist then it is infinitely unknowable - hence null.

Exploration



One – this word creates boundary conditions – constraints and introduces singularity – an instance not a Group. It also shows how symbols like 1 can be substituted with words made up of letters. This establishes the entire mental construct of constraints. There must be One instance before there can be a Group.

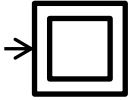


Thing – This single word describes the universe and every possible view of it.

I – this word describes me as I become a self aware human being.



Know – This is the constrained information store and internal structures where I keep all the information to help me make choices. I store the information as knowledge. I store knowledge with other knowledge – hence a box within a box.



With – this is an action word (a verb indicated by an arrow) and implies a process which is described by the words following the word “with”. The width of the line in the symbol is wider – more bold – than the normal line width to show the certainty of the process. If it was less certain it would be a dashed line (Hypothesis) or a thinner line. Process, Method and Verb are all similar words. Methods of obsolescence and Certainty were used.



Absolute – this is a relative term – the question is relative to what? To understand this we need to have some context. It means coverage (all things – x axis) and measurement (Precision and Accuracy – y axis). The Constraint box is used. All of these only make sense in a context and the new symbol introduced here is the two intersecting lines which represent a typical x,y axis on a graph. This is to show that the context is 2 dimensions which show both a zero point and infinity. So zero (at the intersection) and infinity (the lines never end) emerge as new symbols within the context of precision and accuracy. (Max Planck limit h on the smallest things approaching zero) and infinity at the other extreme. Most human concepts are best represented in 2 dimensions with closely related concepts.



Certainty – this can be described as “where do you draw the lines?”. On any line in any dimension that ranges from 0 to infinity as soon as you break up the line into partitions the question of certainty arises. This also introduces the notions of measurement and Grouping at the same time. Imagine a single concept represented by a line e.g. distance. Distance between what? Two arbitrary points for example or a solid object like a ruler – with lines on it. Each line on the ruler divides the single concepts into single instances represented by a group (Ruler or Distance). Now if the single concept is something like Age of Human – which groups do you use? -10, 11-20,30+ and how accurate and precise do you have to be with the measurement?



Is – is a declaration of a thing within the universe. The word is brings into a declared state a thing which can be hypothetical or not. You cannot describe a dragon until you declare what a dragon is. Is allows the discussion of things which may or may not exist and can be purely abstract or imaginary. Hence the circle within a circle. A thing within a thing. Self Reference – you have to start somewhere. Once again the boundary conditions can be explored but the main notion here is that once a thing is declared by an “is” statement, it becomes immediately linkable to other declarations and concepts within the universal “is”. - also can link concepts together and form hierarchies by declaring lots of things with “is”.

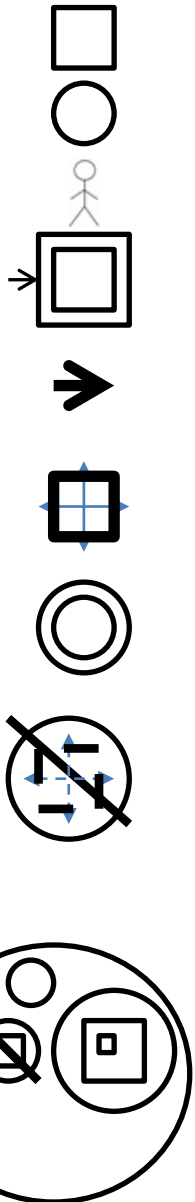
Absolute Certainty – Here both concepts are combined – joined – into a single constrained thing. Things are linked together with other things to become new things. This is where the structure of language and communication starts.

Does **Not** – (or Is Not) . Slightly more complex but is just the opposite of “is” (“does” implies a verb e.g. the word “exists” is a verb) . By convention we say “does not” or “is not” but could just as easily say “not is”. E.g. a Dragon is not green. Here the concept of “is” highlights how its used to link things together as well as declare them.



Exist – formal declaration of the difference between hypothesis and the opposite. Much debate around this topic but the focusing statements which explains how important it is to state “I exist, food exists, hunger exists, pain exists, water exists”. This then allows engagement with all the things we observe in the universe. I have represented the symbols showing non existence as describing the Absolute Certainty symbol as an hypothesis (with dashed lines) with a bold line through which represent negate or “not”. The hypothesis does not exist. This shows self reference– the never ending self referencing loop. If I DECLARE something I can describe it in solid detail but as soon as I link it with the Concept of Exist it must either exist or Not (binary). If it does not exist it becomes a hypothesis which does not exist – a dashed line. E.g. A Dodo NO LONGER exists (extinct) but did exist – it wasn’t a hypothesis. The word exists is used by humans to force a Binary choice rather than distributed values over a wider range. Draw one line on the range of choices on the line and choose one side of the line. It also leads to motivations’ “Is that really a hungry lion I observe before me? Does it Exist?”

Further Exploration



These diagrams and methods are consistent with most of the work if have been doing up to this point and seem to have distilled the main features of human language and understanding as simply as possible.

The Box diagram is a major feature as it represents two dimensions rather than the Circle which represents one dimension. It represents a human being examining the universe and formally adding (via an observation and a hypothesis) one extra dimension to a thing in the universe – its is **constrained** and **Bounded**. The Box has 2 Dimensions (could be any thing or measurement) represented by (X,Y axis) and the circle only has length – from the point in the middle. E.g. like distance from a point.

The Circle is the universe and represents the concept of the big bang – where each point exists on the boundary of possibilities **equidistant** from some **arbitrary starting point**. This corresponds to both the theories of black hole surfaces and cosmic background radiation. “Distance” in some ways is completely arbitrary and equates to what we think of as a verb or action – something which moves, the quantum observer effect (photon interacts with electron) demonstrates the probability of outcomes being reduced by observation – so the Circle of possibilities – becomes a line (or one dimension of a two dimensional – Box with another dimension added – e.g. Mass and Position). The circle is therefore every “thing” and all possibilities – including **hypothesis**. In mathematics the symbol pi π is used to represent the relationship of 2 * ratio of a circle to the circumference. It is an irrational number which can never stated fully – it is an infinite number – hence the circle represents all possibilities to **infinite precision and accuracy – i.e. measurement**. Pi appears in many major physics constants. *The cosmological constant, Heisenberg's uncertainty principle, Einstein's field equation of general relativity, Coulomb's law for the electric force, Magnetic permeability of free space, Period of a simple pendulum with small amplitude, Kepler's third law of planetary motion, The buckling formula – and others.*

https://en.wikipedia.org/wiki/List_of_formulae_involving_%CF%80

The Arrow represents the verb, action, process or method. Consider the statement “I went to France” – the verb is simple but the methods are many and varied. “I ate an apple” – again there are more methods – I am inclined to use the word “Method” instead of “Act” – because “Method” is a noun. E.g. “what was the method used?”

Absoluteness and Certainty are closely related concepts which are represented the thick box on 2 lines with arrows at each end (implying infinite methods). **Zero** is implied (and never attainable) at the intersection of the lines with arrows.(The Box can never be zero or infinite). Absoluteness is shown by where the box appears on the 2 lines and the Boundary between the box itself and the lines (**recursive**) i.e. the **boundary** between the thick lined box and the position on the 2 lines. If the Box is in the wrong place or the line is TOO THICK then the **detail** of the observation is obscured. E.g. All humans are exactly 1 light year in height plus or minus 1 light year.

Certainty is represented by Measurement – precision and accuracy – of the thickness of the line – relative to the 2 lines with arrows.

Box within a Box and Circle within a Circle. We formally **constrain** our thoughts within boxes and link them together – the **unconstrained** (infinity) universe of things has many things within in it which can exist as things until such time as we formally invalidate their hypothesis. **Hierarchies** and **Relationships** (Links) arise from the Box **Within** a Box and Circle **Within** a Circle method.

Things which are rejected hypothesis become **Not** or **Negated**. This is closely related to the “Exists?” question. It can still exist as a thing in the universe but it carries the **Not** with it. It can be re examined later to see if the Not still applies. E.g. The world is **Not** Round. Hence we can end up with a universe of things which may or may not exist and will have relationships and hierarchies.

I think the symbols and concepts seem fairly robust and coherent with most of the main issues facing human thoughts , language and interaction with the universe. Zero, Infinity, Recursion, Boundary, Constraint, Measurement, Accuracy, Precision, Order, Group, Hierarchy, Relationships, Dimensions, Hypothesis, Negate.