

# The Unknowledge Pattern Language

[http://www.nooron.org/know/unknowledge\\_pattern\\_language](http://www.nooron.org/know/unknowledge_pattern_language)

Unknowledge Patterns describe ways of talking about that which is unknown. For example, the discovery of the periodic table of the elements created a pattern of information about what we didn't know about the elements, until we "filled in the blanks." These "named voids" in our knowledge were powerful attractors, and shaped the discourse of science. Are there other ways of naming voids which shape our discovery? The discovery of zero, a "missing nothing," was one of the turning points in Western thought. Are there other missing nothings lurking about, waiting to be discovered? If so, how do we name these voids, and to what end? This is the stuff of unknowledge management.

## 1. The Patterns

Instances of pattern are the individual patterns in the pattern language constituted by the kb.

### 1.1. Adjacent Possible

#### 1.1.1. Intent

That portion of the void which is knowable via the named voids already inside the known space.

#### 1.1.2. References

KnownSpace

NamedVoid

## **1.2. Autocatalytic Space**

### **1.2.1. Intent**

A space which has the property that adding more stuff creates a larger adjacent possible void.

### **1.2.2. RelatedPatterns**

Stuff

Void

NamedVoid

SelfDiscovery

### **1.2.3. References**

world wide web

## **1.3. Benegnosis**

### **1.3.1. Intent**

A way of knowing based on what is positive or strong

### **1.3.2. RelatedPatterns**

Malgnosis

SelfDiscovery

AutocatalyticSpace

## **1.4. Diachronic**

### **1.4.1. Intent**

A perspective based on the flow of time

### **1.4.2. RelatedPatterns**

Synchronic

## **1.5. Expectation Failure**

## **1.6. Expected Properties**

## **1.7. Intrinsic**

### **1.7.1. Intent**

A scale-independent property

### **1.7.2. RelatedPatterns**

ScaleFreeSpace

StackedScales

## **1.8. Known Space**

## **1.9. Linguistic Shell**

## **1.10. Malgnosis**

### **1.10.1. Intent**

A way of knowing based on what is wrong or failing.

### **1.10.2. RelatedPatterns**

Benegnosis

SelfDiscovery

AutocatalyticSpace

## **1.11. Named Void**

## **1.12. ProtoSpace Browser**

### **1.12.1. Intent**

A means of viewing a space, based on a perspective of a browser which is able to apply different garment to the objects under view.

### **1.12.2. RelatedPatterns**

Intrinsic

ProtoSpace

ScaleFreeSpace

StackedScales

## **1.13. ProtoSpace**

### **1.13.1. Intent**

The combination of the known space and the void.

### **1.13.2. RelatedPatterns**

KnownSpace

Void

NamedVoid

Stuff

## **1.14. Scale Free Space**

### **1.14.1. Intent**

A space in which connectivity between elements (points) is not constant. Some points may be highly interconnected, while others are less connected, according to a power law.

## **1.15. Self Discovery**

### **1.15.1. Consequences**

The process by which a space discovers itself by progressively discovering the values of named voids

## **1.16. Stacked Scales**

### **1.16.1. Intent**

A perspective of looking at a system along a continuum of scales, for example, looking at health from the perspective of the molecule, gene, cell, organ, immune system, person, family, community, nation, species.

### **1.16.2. RelatedPatterns**

Diachronic

## **1.17. Stuff**

### **1.17.1. Intent**

That which is in the known space, including the Named Voids which link to the unknown

## **1.18. Synchronic**

### **1.18.1. Intent**

A perspective based on a snapshot in time

## **1.19. Tapestry**

### **1.19.1. RelatedPatterns**

Garment

NamedVoid

Stuff

## **1.20. Unknowledge Loop**

### **1.20.1. Intent**

The process of growing a space by filling named voids, which in turn create more named voids.

## **1.21. Unknowledge Pool**

### **1.21.1. Intent**

This is a collection of the NamedVoids which have been created in WITTy conversation, representing expressions of those things which are unknown. Pattern weavers may use this pool to find MissingNothings which can then be used to create or refine patterns. Significant NamedVoids may be collected into a Tapestry, showing the interplay of that which is known and that which is unknown.

### **1.21.2. Motivation**

The pool allows discourse to proceed, naming voids to be filled in later.

### **1.21.3. Applicability**

The Wiki protocol is an example of this. For example, a WikiWord can be entered onto a page, which then appears with a question mark after it. The user has created a NamedVoid. This appears in the UnknowledgePool until it is filled in. The progress of the word, first as unknown and later as known, is tracked as part of the diachronic perspective of the system.

### **1.21.4. RelatedPatterns**

Tapestry

NamedVoid

KnownSpace

Diachronic

AdjacentPossible

LinguisticShell

UnknowledgeLoop

### **1.22. Void**