

Glossary of Terms  
(Resolution-Based Informational Ontology)  
Compiled by itzhexen – June 21, 2025

It includes foundational entities (observer, structure, boundary)

- Core processes (resolution, collapse, flow)
- Emergent outcomes (identity, time, event, memory)
- Non-participatory elements (non-resolution, timeless substrate)
- Meta-structural elements (nested observation, delay, form)

### Observer

Any structure that allows information to pass through and undergo resolution. The observer is not a conscious agent but a system or boundary that permits transformation from uncertainty to form.

### Resolution

The event where informational uncertainty becomes a defined state through a structure. Resolution marks the end of openness and the beginning of form, identity, and time.

### Collapse

The process by which multiple potential states reduce into one specific outcome. Collapse is resolution through structure – not destruction. It defines when and where informational flow becomes an event.

### Informational Flow

The transfer of differences through systems. Informational flow occurs when one structure influences another without necessarily causing immediate resolution.

### Identity

A stable configuration that results from a resolution. Identity is not an intrinsic property but the memory of a resolved flow. It can change if re-entered into new resolution.

### Boundary

The structural limit at which information either enters a new observer or fails to resolve. A boundary distinguishes the inside (where resolution can occur) from the outside (where it cannot).

### Resolution Boundary

A global or local edge where resolution stops. Beyond this, information may still exist, but no resolution – and thus no observation, time, or identity – occurs.

### Time

The structural trace left behind by sequential resolution events. Time is not a universal clock but the emergent shape of collapse across observers.

### Event

A moment of resolution. Events are defined by information collapsing into form

within an observer. Without resolution, no event occurs.

#### Memory

Resolved information re-entered or retained in structure. Memory is not storage by default, but persistence of past resolutions that shape future flow.

#### Non-Resolution / Unresolved Region

A portion of a system or substrate where information exists but does not collapse into form. These regions are inert with respect to time and identity.

#### Timeless Substrate

A foundational level of existence that does not permit resolution. It contains structure or flow that never participates in events, making it invisible to any internal observer.

#### Nested Observation

Observation occurring within or between observers. One observer may resolve another's flow. This creates layered or recursive networks of informational collapse.

#### Structure

A configuration that shapes how information flows and resolves. Structure determines what kinds of resolution can happen and what identities can emerge.

#### Form

The outcome of a collapse – the visible, stable pattern that results from informational flow resolving through structure.

#### Flow Delay / Informational Delay

The time or processing difference between reception and resolution. Not all flows resolve instantly; delay marks how long the system remains open.