Radiant object continuity

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Abstract

Radiant object theory [1], topology [3], and applications [2] opened a perspective on social peer trust networks. This effort is a continuation of that examination of radiant object systems.

1 Structure

The partial object distribution ($\omega\delta$) available to social trusted peer ($\tau\kappa$) package networks is incomplete object reachability. The retrieval of any particular package object in the network depends on a physical peer contact and a mechanical peer link ($\lambda\kappa$). Extended reachability is available *via* demand package broadcast subject to link, store, and forward constraints.

$$0 \leq \frac{\omega\delta}{\lambda\kappa}$$

Applications dependent on object ordering include geographic layers. This continuity is a relationship among distributed objects.

Partial object distribution is discontinuous. Applications of peer contact and peer group distribution include social and mesh networks. Social mesh continuity is physical.

$$1 = \frac{\lambda\nu}{\lambda\kappa}$$

References

[1] J. Pritchard. Introducing radiant object theory. Technical Report 20201212, Syntelos, December 2020.

[2] J. Pritchard. Radiant object applications. Technical Report 20201214, Syntelos, December 2020.

[3] J. Pritchard. Radiant object topology. Technical Report 20201213, Syntelos, December 2020.

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