

CyberRAVE Open Source Meta Framework

Towards Virtual Commons

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DESCRIPTION

The VIRTUAL COMMONS couples strategically important domains with an OVERLAY NETWORK needed for universal support of mission critical commercial PROCESSES.

Rational people want to pursue self-interest in cyberspace without fear, compromise or unjust discrimination, but recognize the “perfect” model for data sharing does not exist. Metaphysical conditions of the virtual universe manifest collective priorities in chaotic digital “Form”. Information streams that flow globally represent human knowledge and sentience. Focused brainpower inherent to advanced data communication systems offer potential to “harmonize” shared public and private sector security, privacy and intelligence policy. Teleological notions of thought and existence posit necessary and desirable standards of resolution, mediation, and arbitration. A conceptual single version of the truth (reality) across global boundaries necessarily incorporates non-trivial concepts that substantially answer *what to model* from the onset. Commitment to fully resource a best effort attempt that can solve enormous logistical, social and economic problems of scale relies upon the automation of administrative tasks, and establishment of new trusted defense-in-depth capabilities.

VIRTUAL COMMONS

The Virtual Commons attracts influential stakeholders who demand realtime intelligence engineered to support complex economic systems. Virtual Commons are collections of shared public and private cyber property including semantic Uniform Resource Locators (URLs). They are stewarded by communities of interest, and ruled by local, national, and international interests. They possess cognitive qualities that answer principal questions of “*what to model*” in relevant terms (e.g. vertical markets and horizontal industries). They establish reliable, future resistant name platforms for environments of discourse, and provide for non-trivial etymological classification of hierarchies and subtypes. Virtual Commons exist in cyberspace to create a relevant intelligence lens for Universal Mobile Telecommunication Systems (UMTS), Virtual Network Operators (VNOs), and their downstream Providers who offer voice authentication and hands-free navigation systems and application services.

OVERLAY NETWORK

The Overlay Network inherent within the Virtual Commons is where taxonomic classifications logically unite with controls designed to manage risk and increase operational efficiency. The Overlay Network validates inter-relationships. It safeguards community communications, and strengthens data traffic logistics using a lattice order (archetype) for stakeholders who must reason certain concepts, ideals and objectives among policy instruments and service quality options. An Overlay Network involves a master ontology where exquisite conceptual models form common industry-naming standards. The Overlay Network is the connective fabric between voice, namespace and network intelligence. This hardened infrastructure protects network users and groups against internal and external threats and vulnerabilities with strict account reporting. The Overlay Network provides relative security using Internationalized Digital Libraries (IDLs) proven to have conceptual clarity. Concepts are bound to name handlers using language standards that satisfy pari-mutual regulations targeting oversight, liability, and failsafe reporting. Public alerts and notices are managed among relevant parties with direct authority for evidence gathering, analysis and action according to prescribed international legal remedies.

PROCESSES

Connection with the Virtual Commons is predicated on physical and logical peers (proxies) having intelligent means of parallel processing. A multi-core computing service rationalizes records management according to practical consequences via a network programmable interface. An intuitive account management interface showcases practical support options. Mass notification can occur through certified provider networks and their concierges. Certification and accreditation of approved service providers involves rigorous assessment methodologies to achieve accountable and transparent connections to supported Libraries, Peers, and Private Channels.

An archetype classification is built on advanced neural mapping models with language handlers developed through a definition process having concrete descriptions. Constraints on metaphysical theories involve respect models that infer dependencies from closure (phase) operators. Where imminent threat detection is an issue, resolution therapy aids in inductive reasoning, and plays a substantial role in modeling concepts, terminologies (labels), and the overarching Virtual Commons ontology. Where behavior associates intention predetermination, a user-friendly workflow model promotes spiritualism and rational epistemology.

Design optimization processes stress continuous improvement on various levels including intellectual property protection, judicial enforcement, and social ethics. Mediation, resolution, arbitration, and enforcement services help resolve exceptions and future additions through dispute resolution panels designed to address social and ethical issues. Various approaches attempt to produce problem buoyancy in order to reduce chaos and randomness. These include Mysticism (spiritual truth, understanding of wisdom), Godism, Numerology (Numeric Risk Metrics), Genealogy, Ethnology, Esotericism, Cosmology, Astrology and other philosophical ideologies.

Perhaps most relevant to the Virtual Commons is the feasibility of global ontological engineering. Paramount to this is validation of processes, and the ethical approach to data logistics. A logical order of standards defines explicit constraints on the definition of limits to any interconnected identity clearinghouse or mass peering arrangement. Constraints identifying critical concerns serve to measure resolution outcomes. Non-cyclical parameters of behavior analysis and profiling are associated to concepts and definition maps. Properties of numbers and integers further advise for or against automated code checking and validation scenarios. Code checking refers symbols, signals, numbers, and words to communication gateways. Instantiation of semantically reconstructed etymologies are to inherent relevancy from “combinatorics” and adaptations that provide defense-in-depth.

CONCLUSION

The hard and soft impacts of confidentiality establish the problem framework, and fundamental order needed for solutions of practical network usage and open market systems. Through broad-based cooperation, the Virtual Commons can satisfy measures intended to “marry” the customer experience to a benevolent global mission using words in order to secure consistent deeds. The Virtual Commons serves as “hope therapy” for the emergence of kinetic and dynamic “change agents” needed to construct and enforce privacy among self-interested virtual communities.