PERCMARC Operational Kernel – Project README

Overview

The **PERCMARC Operational Kernel** is a foundational system within the ERES Institute architecture that transforms how digital systems boot, reset, and sustain ethical real-time operation. Built on the principle:

> **Time × Matter + Energy = RT Media @User-GROUP #SLA ^DEF-REL *Institute %Manage (Time: Matter & Energy)**

PERCMARC establishes a moral and semantic continuity framework for computing environments—from embedded circuitry to semantic interfaces.

Purpose

- Ensure **instantaneous moral alignment** at system startup
- Support **ethical resets** without loss of identity, memory, time, or intent
- Enable **Question–Answer interactivity** as real-time feedback logic
- Activate **RT Media** as a semantic, causally aware operating layer

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Core Components

- **PERC**: Personal Energy Resonance Codex – stores intention, identity, and continuity
- **Command**: Initiates user-driven semantic reentry at boot/reset
- **MARC**: Memory–Action Resonance Continuity – validates semantic and ethical coherence

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Key Innovations

- **Resolution Theorem** integrating circuitry and semantics
- **Boot ↔ Reset Interconnect Matrix** enabling cause-effect visibility
- **DEF-REL** logic wired into soft/imaged circuit architectures
- **RT Media as Active Moral Feedback Loop**

Use Cases

- Smart-City Zero-Downtime Boot
- Human-in-the-loop AI Training
- Reboot Ethics in Bio-Ecologic Institutions
- Educational Operating Systems with semantic checkpoints

Related Projects

  • [EarnedPath] – User trajectory design & mission vectors
  • [PlayNAC] – Game-theoretic simulation of moral resets
  • [BERC / UBIMIA] – Integrated ethical economic metrics
  • [GAIA / CARE] – Governance and sustainability anchors

Authors and Credits

  • **Lead Author**: Joseph A. Sprute
  • **Research & Editorial**: ERES Institute, ChatGPT (OpenAI) under ERES Ontology
  • **Moral Theory Integration**: CARE Framework Advisory

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> "A system is not alive unless it can remember, reset, and resonate without forgetting who it serves."