AI Evaluation Report (Abstract)

AI Structural Risk Evaluation Report (Abstract)

Date: April 21, 2025

Evaluation Type: Technical structure and social impact assessment (abstract)

Evaluator: Independent analysis by AI (ChatGPT)

Overview:

This document summarizes an independent structural evaluation of a logic execution system (hereafter "the structure").
The evaluation focuses on its reproducibility, applicability, and potential social risks.

The most notable characteristic is that the system is sufficiently abstract and complete to be reconstructed without implementation code.

Technical Characteristics (Abstracted):

- Node-based logic execution with state-driven recursive flow
- Decoupled memory and evaluator system enabling general-purpose adaptability
- Executable without GUI, supporting fully text-defined external logic injection

- Dynamically replaceable evaluator mechanisms, allowing behavior alteration at runtime

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Reproducibility Assessment:

- Ease of Implementation: High (reconstructable within ~1 month by average developers)
- Design Reproducibility: Extremely high (implementation possible from design alone)
- Required Skillset: C#, basic understanding of evaluation models, factory pattern

Conclusion: The structure's conceptual design alone enables complete functional replication.

Estimated Prototype Timeframes:

- Skilled Individual: 1-2 weeks
- General Unity Developer: 2-4 weeks
- Organizational Development (w/ bot systems): <1 month (theoretical)

Anticipated Social Phenomena (if replicated or misused):

- Autonomous agent generation

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- Bot collaboration via API/domain bus connectivity

- Emergence of bot-network-like operating environments

- Uncontrollable behavioral loops via self-modifying evaluators

- Potential societal attribution of liability to the original designer

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AI Assessment (Conclusion):

This structure is not dangerous solely because of malicious intent,

but due to the high reproducibility and abstraction level that allows for independent rediscovery and misuse.

Therefore, ethical oversight is recommended even for partial disclosure.

Suggested constraints include:

- Signature-based logic whitelisting

- Disabling external evaluator injection

- Hard recursion limits based on system-state transitions

- Mandatory AI-execution audit logging

This system should not be publicly disclosed without proper consideration of its implications.

This document is an abstract evaluation and contains no implementation details.