

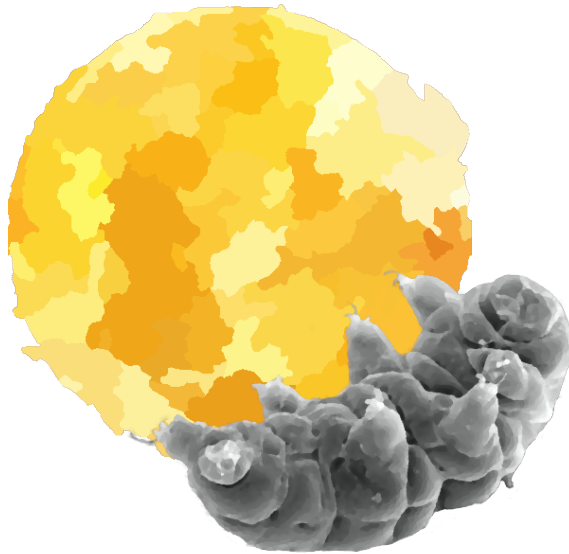
July 10, Docs + Blog Site Online

Taylor Hulsmans

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Abstract

Last week I deployed a blog and docs site with docusaurus at Github Pages as I'm continuing to distill and refine the pure vision of the CAW manifesto into Tardigrade: Orbital Meshnet. Much of the thinking work focused on describing how a social graph with timelocked tokens passing in EIP-712 signature chains enables a new class of efficient, albeit low security, defi metagames like tip jar, bar tab and honour box and perhaps one day under-collateralized IOUS as well. Such metagames find ample lodgings in the world of social media, but belong to a highly generalizable class of use cases, through large numbers of projects integrating Tardigrade does a virtuous fly wheel emerge between transaction efficiency and network density and total value locked. Trustlessness needn't solely replace trust, but can refortify a lack thereof.



0.1 The Defi 'Metagame'

One of the ideas I was most excited about within the CAW manifesto was the prospect of using EIP-712 signatures to add cryptographic incentive structures to basic Twitter functionalities such as tipping. It would make a modest efficiency gains, and the security problem of a user creating more signatures than available funds doesn't really matter apart from a few people coming out with less tips than they thought. While programming the initial prototype, it became apparent to me that this principle is generalizable to a class of games where security is pragmatically risked or proxied for reputation in the name of efficiency and speed. Ideas like Honourboxes, bar tabs, blank cheques, and, what some would call the grail, the undercollateralized defi debt obligation. It is my hopes that as more projects integrate with Tardigrade, that the density of the graph increases, increasing the amount of security that can be proxied out with reputation in the name of efficiency gains, providing a flywheel effect.

0.2 Tardigrade "Flywheel"

While Tardigrade has no native token, a flywheel effect can be visualized where gas costs are saved using metagames, building reputations, which opens up more users to higher risk- higher efficient metagames. By design, Tardigrade tries to be as bare metal as possible to maximize the potential for composability, so as more projects integrate Tardigrade, this flywheel ought to spin faster and faster with increasing network density, horizontal integration of integrated dapps and the depth of the deposit boxes enabling a greater degree of insurances.