

TogetherCrew (one of RnDAO's incubated ventures) has developed a community analytics tool that can gather data from public conversations in Discord, Discourse (the forum), Github, etc etc. And more recently obtained a grant from ArbitrumDAO to develop Reputation NFTs.

We'll make the reputation NFTs to ArbitrumDAO contributors as a pilot and so this is a thread to raise awareness about the initiative and answer any questions.

How the NFTs work

The Reputation NFTs will be created by the contributors minting (for free) a non-transferable NFT via the TogetherCrew UI. The NFTs reference a ledger that stored the daily calculation of an individual's reputation, thus providing an on-chain record of their participation in the community.

[More info on the Questbook grant submission](#)

How is reputation calculated

TogetherCrew's algorithm analyses conversations and maps the social graph. This graph is used to calculate then how much context someone has on the community. This is a Sybil-resistant approach that can be used for rewards, as a portable credential (proof of membership/participation), etc. For now, the NFT will just be used as a nice showcase of being a core part of the community here.

Isn't the data incomplete

Yes, many conversations happen in calls, in splintered telegram groups, etc. We don't have a complete solution yet but we're working on it. For now, these Reputation NFTs are an experiment with no financial gain attached.

Other uses of TogetherCrew

Multiple communities use TogetherCrew already (Optimism, Pocket Network, Aave, Celo, SingularityNET, etc etc) and we're bringing the same benefits to Arbitrum. Communities have benefited from

- using the behavioural analytics to identify promising community members and turn them into ambassadors,
- automate personalised messages to those who disengage, and review community health indicators,
- we've also partnered with scientists from the University of California Santa Barabara who're using the anonymised Optimism data to research the fundamental properties of community networks.
- tracking retention of new members,
- helping with onboarding and proposal discussion (thanks to our future called Hivemind - an AI-powered Q&A bot that works as a research assistant using the community's public data so you can ask e.g. "Has anyone discussed Reputation already?" and receive an answer)

What about privacy

We only analyse data that's already public or given to us by you (and only after receiving explicit, active consent so there shouldn't be any surprises). If you'd rather we don't analyse your public data, message us and we'll blacklist you to make sure the algorithm is not analysing your public data. If you don't want us to analyse your private data, no action is needed (just don't go into the TogetherCrew Ui and register because then we'll have the data you gave us to register. If you did register and now want your data deleted, just let us know and we'll erase it).

What is the cost of this

For now free, we're already supported by the Questbook grant we received to build the DynamicNFTs. We hope to demonstrate value and potentially establish a longer-term relationship after.

What do the analytics look like

You can see a product demo in our website togethercrew.com

Any other concerns/questions

Just let us know! We're committed to working with the Arbitrum community to make this a valuable and safe experience