

Project Catalyst Closeout Report

Name of project and Project URL on IdeaScale/Fund:

OpShin Core - Developing Python Smart Contracts

<https://milestones.projectcatalyst.io/projects/1000142>

<https://projectcatalyst.io/funds/10/f10-developer-ecosystem-the-evolution/opshin-core-developing-python-smart-contracts>

Your Project Number: 1000142

Name of project manager: Niels Mündler aka nielstron

Date project started: Oct 8 2023

Date project completed: Mar 16 2024

List of challenge KPIs and how the project addressed them:

- The features have further led to the increased usage of the project by increasing communication in project channels by 74%
- The features have contributed to growing the ecosystem and produced significant traffic through the shared tweets and generated interaction with third party accounts on Twitter and Discord

List of project KPIs and how the project addressed them

- Number of newly released features and usability enhancements in the OpShin programming language over the term of the 6 months:
 - Opshin
 - 4 (pending)
 - 2 (0.20.0, Feb 9)
 - 7 (0.19.1, Feb 4)
 - 8 (0.19.0, Jan 9)
 - 2 (0.18.1, Nov 1)
 - 9 (0.18.0, Oct 29)
 - Additionally: 2 features in Pluthon and UPLC
- A significant portion of these features (9) were added as part of this Catalyst Fund.

Key achievements (in particular around collaboration and engagement)

- High Traction project update Tweets

- Collaboration with community developers in reviewing and discussing ideas for the OpShin language
- Major improvements to the programming language

Key learnings

- Some issues require significantly more effort to be resolved than others. This lead to a huge delay during the start of the project where one of three marked issues could not be resolved in time. For a follow-up project, goals should maybe be kept more flexible to allow progress by mixing and matching independent substeps
- Key features around usability are often neglected and overlooked in community tools but crucial for adoption

Next steps for the product or service developed

- The programming language will be further developed towards an alpha 1.0.0 release
- An audit of the code base is upcoming to ensure properness of the developed smart contracts
- Further features among the many open issues on the codebase will be tackled by follow up grants

Final thoughts/comments

- We are deeply grateful for Project Catalyst to enable this amazing development progress on a project close to our hearts. This project truly brings a lot of value to the space and this will surely be felt by many.

Links to other relevant project sources or documents.

- <https://github.com/OpShin>
- <https://opshin.dev>

Link to Close out video - must be either YouTube or Vimeo link only

- https://youtu.be/Shpx_CJMHjA