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Secure Smart Contracts Framework

Alyssa Hertig (@AlyssaHertig) | Published on September 15, 2016 at 18:04 BST

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Amid new concerns about the viability of blockchain smart contracts, one company is releasing a proposal that seeks to make it easier to ensure their security.

Developed by Smart Contract Solutions, the open-source [Zeppelin](#) project aims to offer a community-driven framework for secure, audited code. The goal is to prevent the unintentional loss of funds, a danger perhaps best illustrated by the collapse of ethereum's biggest smart contract, [The DAO](#).

Since [ethereum](#) is the best-known [smart contract](#) platform, the first set of tools are written in its programming language Solidity. But, Zeppelin is also currently compatible with [Rootstock](#) (which could one day take the same smart contract functionality to bitcoin) and some private blockchains.

The vision is to build a blockchain-agnostic security platform.

Zeppelin developer Demian Brener told CoinDesk:

"Zeppelin aims to close this gap by making it easy for developers to build secure smart contracts to power the development of distributed apps, protocols and organizations."

The platform was developed by Brener and Manuel Aráoz, both of whom are no stranger to blockchain development.

The two developers previously teamed up to create the video platform [Streamium](#), and Aráoz is widely credited with creating proof of existence, among the first projects to [envision](#) how a public blockchain could be used to verify data.

Popularized by ethereum, smart contracts are the self-executing code that aim to automate tasks and agreements, with the long-term goal being to reduce manual operations.







Brener said that Zeppelin is particularly interested in using smart contracts to [make it easier to start businesses](#). Someday, the team envisions creating an autonomous organization that automatically awards users based on the number of contributions they make to an open-source

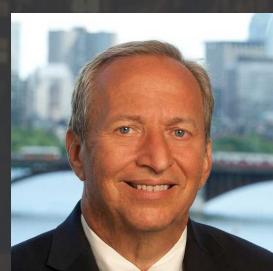
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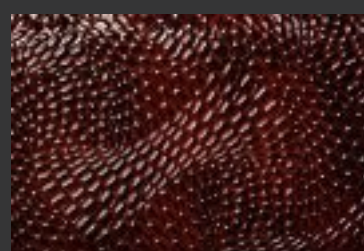
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More information can be found on the official [Zeppelin](#) website, launching today.

Disclosure: *CoinDesk is a subsidiary of Digital Currency Group, which has an ownership stake in Smart Contract Solutions.*

Broken egg image via Shutterstock

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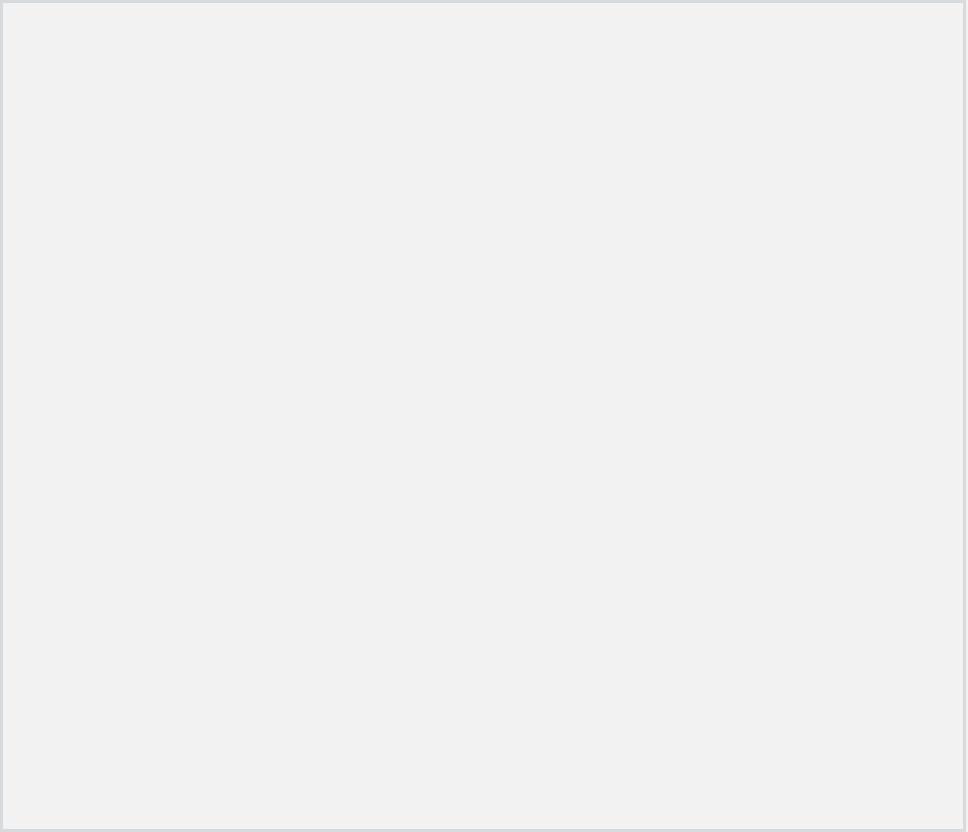
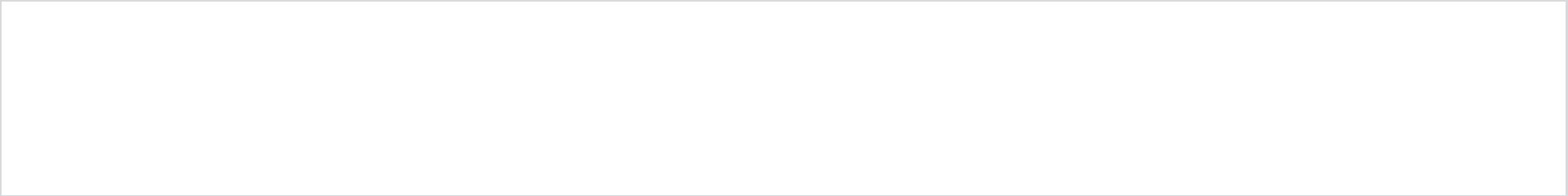
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