codum
built on eosio

Overview

Today code is a resource and can be easily transferred and reused multiple times for different software development. The problem is that software programming market is separated into two isolated parts - private code market and open source market.

Open source code is discoverable, reusable and is being continuously improved by developer community, it takes up to 20% of existing market. Private code is undiscoverable, and the same code has to be developed again and again though it already exists. It is being held private because the owner of code has no financial incentive to share it, or there is no possibility to do it securely. This undiscoverable resource takes up to 80% of the software market.

Open Source Code
discoverable
thus easily **reusable**
& always being **improved**
by community

Private Code
undiscoverable
thus **not reusable**
because it is **not secure**
or there's no **financial incentive**

20%

80%

The Solution

Codum is a community driven market of code for all programming languages in one place. It is a platform where users can buy, sell & license code under smart contracts.

Codum is a platform of discoverable private and open source code. An environment where users can host and review code, manage projects and build software saving their time and money. Instead of spending hours on writing code by themselves, everyone can find and buy it in codum. Users can license out the code already written by other people, or hire someone to code it, in a completely safe, trustful in a user friendly environment. Codum is meant not only for developer, but also for everyone having great ideas to be developed by professionals.

Discoverable
The code will be discoverable via metadata on usual search engines.

Code Licensing
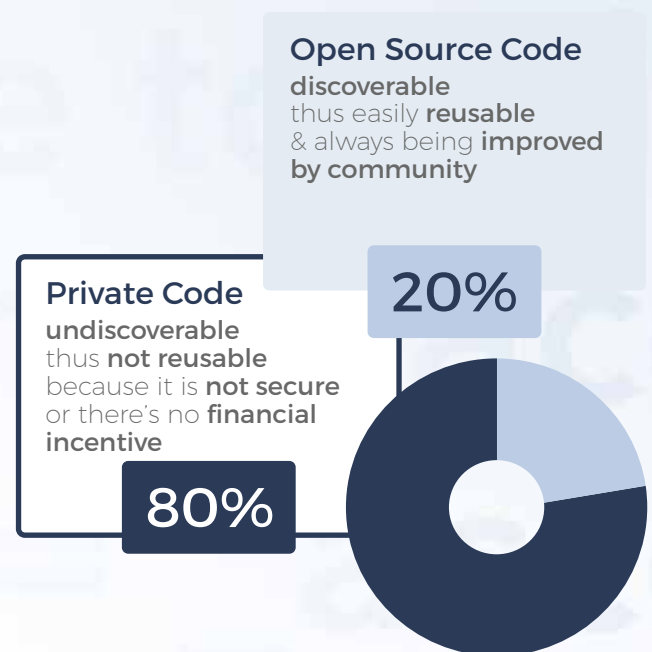Developer will be able to license out their code.

Smart Contracts
Set in stone agreements to make the work process completely secure.

Instant Payments
Payments will be done in any crypto or fiat currency instantly after the code or work is delivered.

Reputation
Users will have their reputation based on their professional and overall achievements.

Self-Evident Profiles
User profiles will be generated automatically based on their activity and performance on the platform.

License Violation Tracking
Code owners will be able to track their code license violations and the violators too.

Based on EOSIO
The EOS.IO software introduces a new blockchain architecture designed to enable vertical and horizontal scaling of decentralized applications.

Git Based Working Environment
Git is a free and open source distributed version control system designed to handle everything from small to very large projects with speed and efficiency.

Scalable & Adjustable
Internal or a world wide usage of the system is foreseen. A possibility to adjust the system to your personal needs or workflow if you wish.

For Companies and Freelancers
Together or separately they can have the same use of the system. The way the users choose to act and interact to gain income on codum is only their decision.

codum

Open Source Code + Private Code
discoverable, **reusable**
always being **improved by community**
licensed, secure and financialy incentivized.