Trust

DAO Proposal | Saturday, May 28ᵗʰ 2016

The Problem

Using Ethereum, it is possible to conduct certain types of business with someone you don't know. If a `Smart Contract` can be created to handle the transaction, you can be certain it will be handled in that way.

However, there are a lot of things that cannot be handled by `Smart Contracts`. At the end of the day there will always be scenarios in where you must trust the person on the other side.

Let's take for example, an eBay like platform. Using Ethereum, how can you be certain the seller will ship? How can you be certain the buyer will admit receiving the item?

The Solution

Trust.

Every new account is a stranger. If they cannot prove via a `Smart Contract` that what they promise will happen, why should they be trusted? They shouldn't. Every new member must earn trust by being part of the community. As they earn trust, it is up to each individual to decide if there is enough trust to conduct business with this new member.

The Implementation

Simple ratings system. As each individual uses their wallet to conduct transactions, they will be encouraged to leave feedback. Did the human at the other side behave? As you conduct more and more successful transactions, you will naturally be trusted to conduct bigger and bigger transactions?

So ... if everyone starts with 0 trust, who do you trust? Well, trust is valuable. If a few of us *give* (in the form of contracts, software, content) we may earn trust ... and thus get the ball rolling.

Obstacles

Of course, it's not that simple. Here are a few obvious problems I can think of. These are problems that need to be solved if this is to work. I believe they are all solvable.

• A single person can create multiple accounts. They can try and game the system by trusting themselves. The system will have to be smart enough to understand the trust links.
• People can be mean and try to leave negative feedback. Feedback should only be allowed when both parties agree to a transaction. Additionally, if someone is a serial negative feedback giver ... it's victims should not be penalized.

- Leaving feedback is extremely important. It should be very easy for people to leave feedback. This will mean integration with wallets.

Funding

Work includes:

- Working out the details of the solution.
- Implementing the solution.

For the low low price of only **2,000 ETH (in 3 monthly payments)**, I will be the first to volunteer to make this happen!