**区块链可以为难民做些什么？**

**作者: 徐雪 2017.10.18**

*“帮助难民重建丢失的身份，区块链技术无疑是最好的选择”*

随着区块链技术逐渐走入公众视野，其应用也慢慢广为人知。区块链除了在金融、物流、保险等领域的广泛应用外，如今其他行业也正寻找机会利用这一技术。一些人甚至意识到，区块链技术可以改变我们管理自己的方式，甚至能为生活在水深火热中的难民提供帮助。

每个人的一生中都会产生无数的文件信息，出生证明，死亡证明，医疗记录，税收，学术成果，犯罪记录，婚姻状况等信息都会伴随我们的一生,信息处理是个复杂的工程，而纸质信息往往更是让人焦头烂额。

如今，正在进行的这一场区块链技术革命，因其特有的优势，在保证信息数据安全的同时，大大简化了信息的存储和访问方式。爱沙尼亚电子入户（e-residency）计划就是很好的例子，政府采用区块链技术，推出了国民数字身份证。现代化国际大都市迪拜，也以使迪拜在2020年以前，成为世界上第一个以区块链为驱动力的政府为目标。

实际上，这是将区块链用在了管理方面。然而，人们可能并不了解的是，这一新技术也在改变着人们之间互相帮助的方式。比如为难民创建新的身份，或者帮助难民找到丢失的身份。

众所周知，中东地区和非洲的动荡使各地难民流离失所。为了和平与更好的生活，人们不得不远离家乡奔赴欧洲各国寻求庇护。在这个过程中，许多人失去了ID和银行账户等重要信息。

为了解决这一问题，微软与埃森哲的合资企业与联合国难民署合作，通过区块链技术创建数字ID，解决“无身份”以及身份丢失问题，这对难民来说无疑是巨大的利好消息。

今年上半年，联合国世界粮食计划署完成了一个项目的试运行，利用以太坊区块链，为1万多叙利亚难民提供食物。该组织发布基于加密货币的代币券，可在特定市场上兑换，专门用于购买橄榄油，面食和扁豆等食品。此外据悉芬兰也在努力创建体系，为无法获得金融服务的难民提供帮助。

尽管区块链技术一直在金融领域掀起一波又一波浪潮，但其对慈善事业的影响也是不容忽视的。向无法获得食物、身份、以及银行服务的人提供食品，身份证明和银行业务解决方案,是应对日益严重的危机的一次巨大飞跃。区块链在推动整个人类的发展与进步方面，具有不可估量的潜力。

标签： 区块链； 金融；难民；数字身份

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**Blockchain Helps Refugees to Recreate Lost Identities.**

**Author: Xue Xu Oct 18,2017**

*“Blockchain technology is believed to be the best way to help refugees to recreate their lost identities”*

Blockchain becomes an eye-focused technology in recent years, apart from its application in finance, logistics, insurance, other industries are also looking for opportunities to utilize it as well. Some have even realized that it can change the way we govern ourselves, or even provide assistance to refugees in need.

A myriad of data and information will follow a person from the time he/she born until the last minute of his/her life. There are countless files for each person, such as birth and death certificates, property transfers, medical records, taxes, social welfare, academic achievements, criminal records, marital statuses and so on. Information/data processing is complex, while a lot of information is kept on paper, it makes processors in a mess sometimes.

Now, there is a technological revolution in progress to leave that all behind. Not only can it keep the security of information, but also simplifies the way it is stored and accessed via its special advantages of transparency, traceability and tamper-resistance. The most notable examples of using this budding technology comes from Estonia’s e-residency programme. Using blockchain-like technology, the government launched its digital national identity card. Another example, Dubai, the modern international metropolis, also targets at building Dubai the world's first Blockchain powered government by 2020.

Actually, this is the application of Blockchain technology in governance. Well, people may not know that this cutting-edge technology can also change the way people help each other. For example, it can help to recreate the lost identities for refugees and keep it traceable and secure.

The unrest in Middle East and Africa makes refugees leave their homes behind and head to Europe to seek peace, asylum, and a better life. We all know this fact but we are too small sometimes to help them a lot. It’s common to see people lost their identities information, financial information and other factors that most people take for granted during this “journey”.

It is reported that Microsoft and Accenture built a joint venture working with the United Nations High Commissioner for Refugees (UNHCR) seeking to address some of these issues by creating a new system using blockchain technology to give those who lost their identities a new start.

In the first half of this year, the United Nation’s World Food Programme completed a pilot of a project which utilized the Ethereum blockchain to provide food to over 10,000 Syrian refugees. The organization distributed cryptocurrency-based vouchers, redeemable in certain markets for refugees to purchase food items such as olive oil, pasta and lentils. According to news report, Finland is also working to create a system to help asylum seekers with no access to finance.

While blockchain technology has been making waves in the financial sector, its impact on charitable causes cannot be overlooked. Providing food, identification, and banking solutions to those who are without access is a giant leap forward in tackling a growing number of crises.

The world is changing rapidly, with more and more adoption of this new technology, we can see the potentials of this technology in driving the development of the entire world.

Tags：Blockchain; Finance; Refugees; Didital identity

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