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Blockchain Technology Overview

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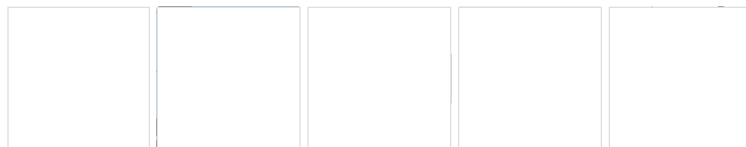
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Abstract and Figures

Blockchains are tamper evident and tamper resistant digital ledgers implemented in a distributed fashion (i.e., without a central repository) and usually without a central authority (i.e., a bank, company, or government). At their basic level, they enable a community of users to record transactions in a shared ledger within that community, such that under normal operation of the blockchain network no transaction can be changed once published. This document provides a high-level technical overview of blockchain technology. The purpose is to help readers understand how blockchain technology works.



A QR code Generic Chain of Ledger in Conflict Examples of Input/Impact of
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Oct 2017

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August 2019


 Hugo Eyzaguirre ·  Tawni Hunt Ferrarini ·  Brian Oroark

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January 1996

 Carolyn Weiss

The purpose of this document is to report on the reasoning for continuing to use the digital planimeter for calculating land area for the 1996 Census. Despite the fact that the data are subject to a number of errors and logical inconsistencies, the Geography Division does not yet have a digital database in place to support the automated calculation of land area. This report first provides an ... [\[Show full abstract\]](#)

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Blockchains and Constitutional Catallaxy

December 2018

 Alastair Berg ·  Chris Berg ·  Mikayla Novak

The proposition that constitutional rules serve as permanent, fixed points of interaction are challenged by observations of contestable rule amendment and the emergence of de facto authority. This observation not only applies to conventional political constitutions, but to the fundamental rules which govern interactions by numerous people using new forms of technology. Blockchain technology aims ... [\[Show full abstract\]](#)

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Enabling End-users to Construct Data-intensive Web-sites from XML Repositories: An Example-based App...

September 2001

 Atsuyuki Morishima ·  Seiichi Koizumi ·  Hiroyuki Kitagawa ·  Satoshi Takano

Introduction We demonstrate how our system can help users construct data-intensive Web sites from XML repositories and databases in a very intuitive fashion. The key idea is to show the system some example operations with data instances and let it infer the operations for the whole collection of data objects in the data repositories. This problem is challenging, because we allow data in the data ... [\[Show full abstract\]](#)

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