CC:

GOLD DIGR White Paper – 2024, Ver 6

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https://broward.ghost.io/tag/gold-token/

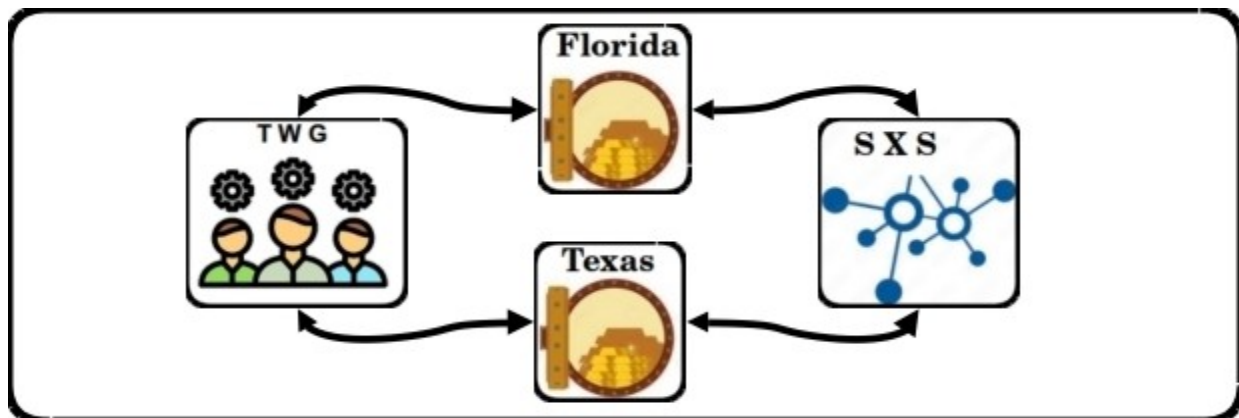Download current version at https://broward.ghost.io/current-gold-paper

Abstract:

This paper contains three complementary proposals to create a **State Depository Token (SDT)** backed by a State-regulated depository similar to Texas House Bill 1056 and House Bill 1049
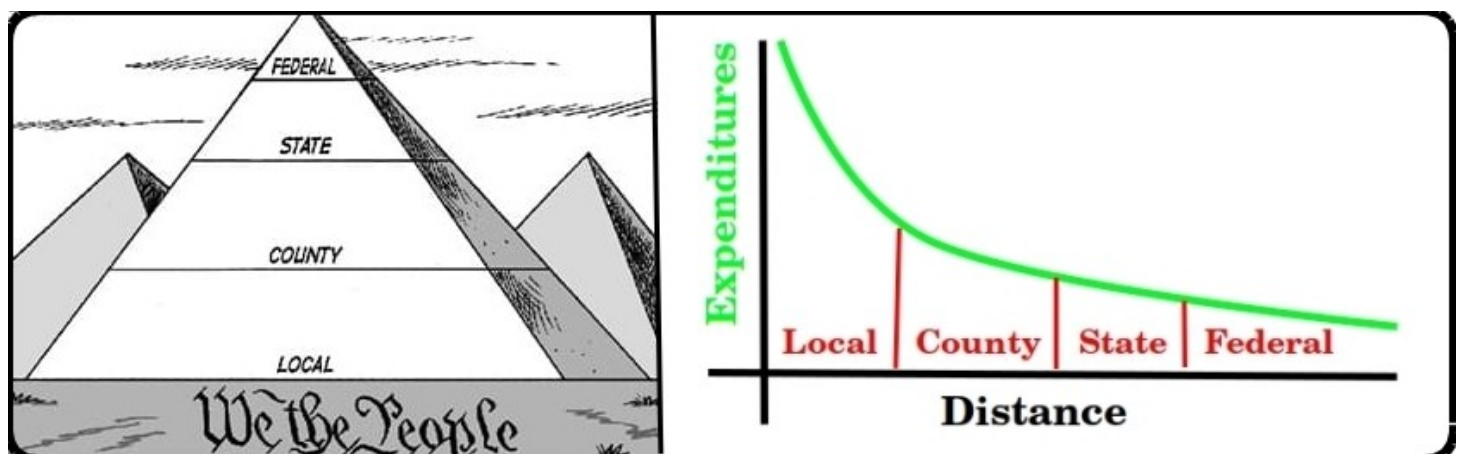
1) **GOLD DIGR** is an overview of historical and political forces, current legislation and strategic design.

2) **TWG** proposes a multi-State task force to develop a SDT framework for several States and partners.

3) **SXS** is an interstate exchange system like the evolving BRICS currency proposal.

My goal is to create a real system via State funding, grants, consulting, sponsorship. etc. I have the skills to do it, my background is eclectic and spans startups, corporations, State and Federal systems for 35 years.
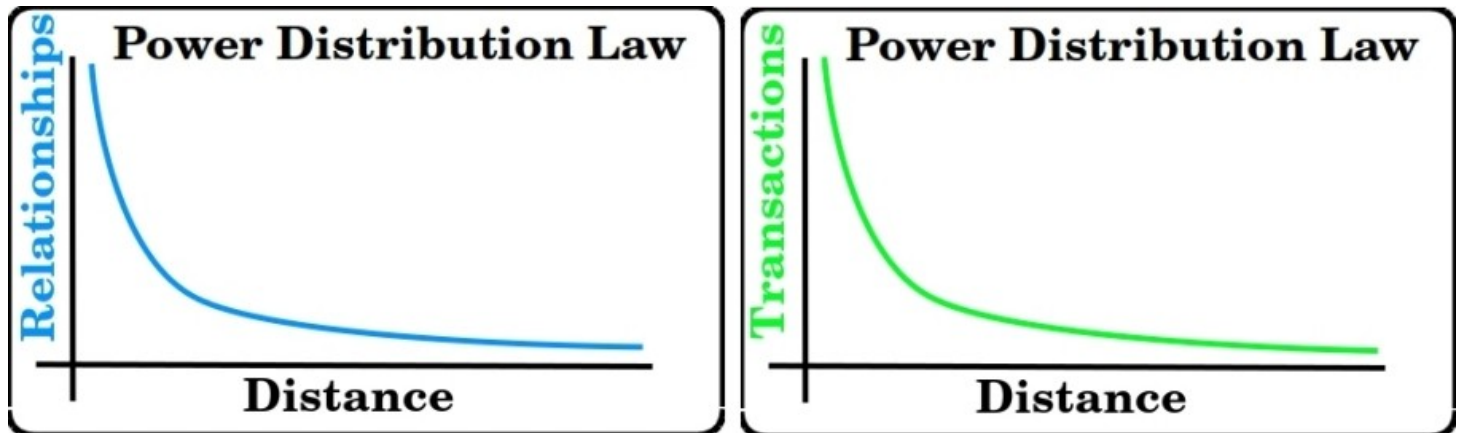
System Overview

Imagine a monetary system which conforms to the reality of economic transactions. Transactions are a mirror of relationships. Relationships are largely a function of location. For many years, the US monetary system was a rough approximation of this. Call it an "impedance-matched currency" or SDT.
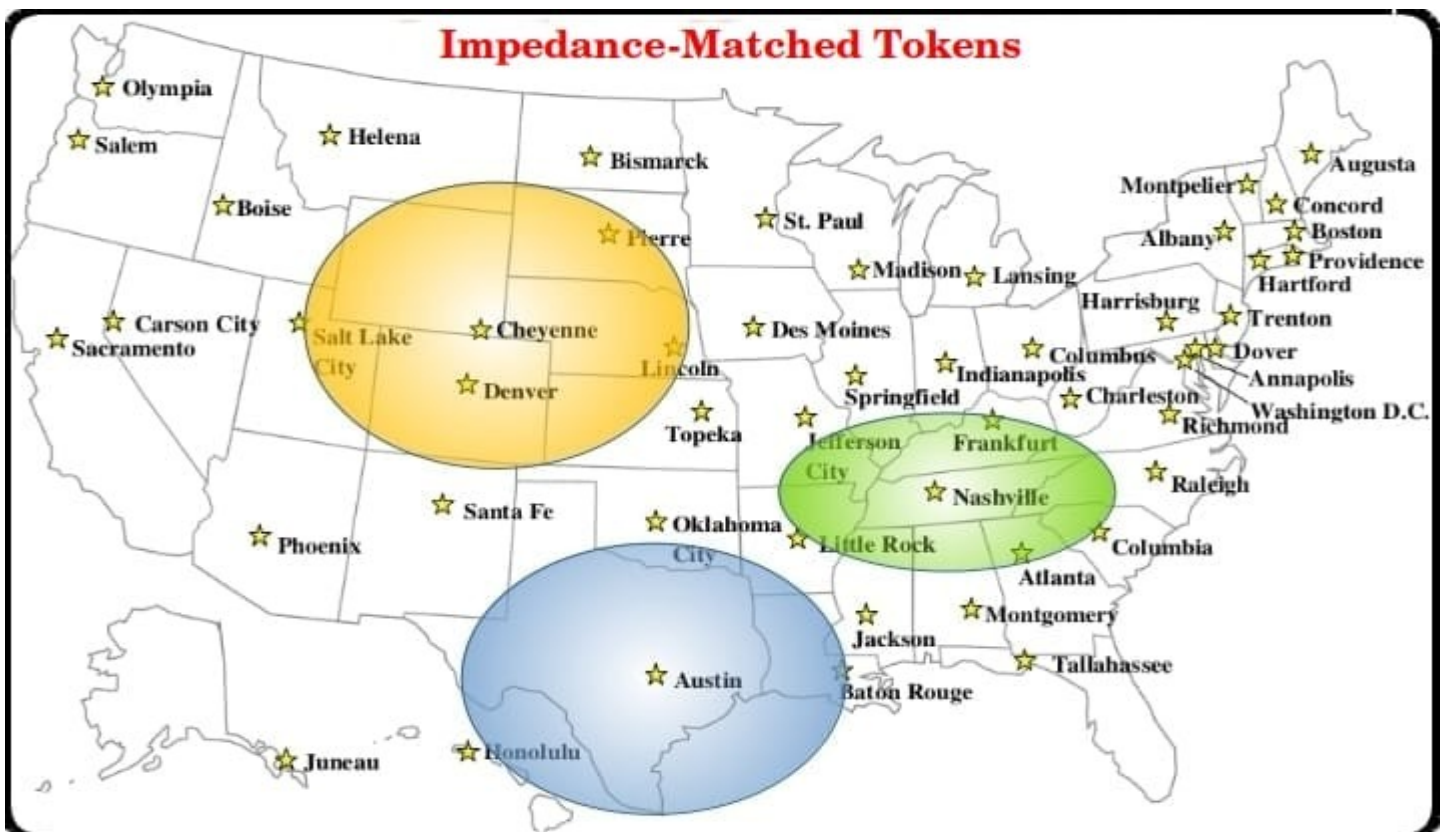
Parasocial Relationship

Parasocial relationships are one-sided, where one party extends energy and time with the other party unaware of the other's existence. The dollar is an increasingly parasocial relationship which transfers value from citizens to an elite minority, just as a celebrity profits from fans with no knowledge or concern for them, which is why tax money now flows to other countries and people with no direct benefit to taxpayers.

An impedance-matched token would adapt to regional and local conditions and requirements.

Impedance-Matched Token

The Euro is somewhat like harnessing a horse, a mule, a dog and a turtle to pull a wagon. A "one size fits all" strategy creates stresses because regions have different resources, skills, goals. Most economic transactions are local and an SDT would be controlled regionally to meet regional conditions.

https://broward.ghost.io/current-gold-paper

Historical Background

This current period of fiat currency has already lasted longer than previous fiats of the past several hundred years and contrary forces are aligning against it. Russia and China have planned to end the fiat dollar for fifteen years, the US dollar is ripe for replacement as the world reserve currency, and the current Federal debt is unsustainable.

Gold Standard

The longest period in modern history without a gold standard is now; from 1971 to 2024 or 53 years. The last major gold standard system was the Bretton Woods system, which operated from 1944 to 1971. The United States has briefly abandoned its gold standard in unusual situations (Civil war, World War 1, etc). Russia's central bank has steadily increased gold reserves since 2009 to over 2,330 metric tons. China has consistently increased gold reserves since 2009 to over 2,264 metric tons.
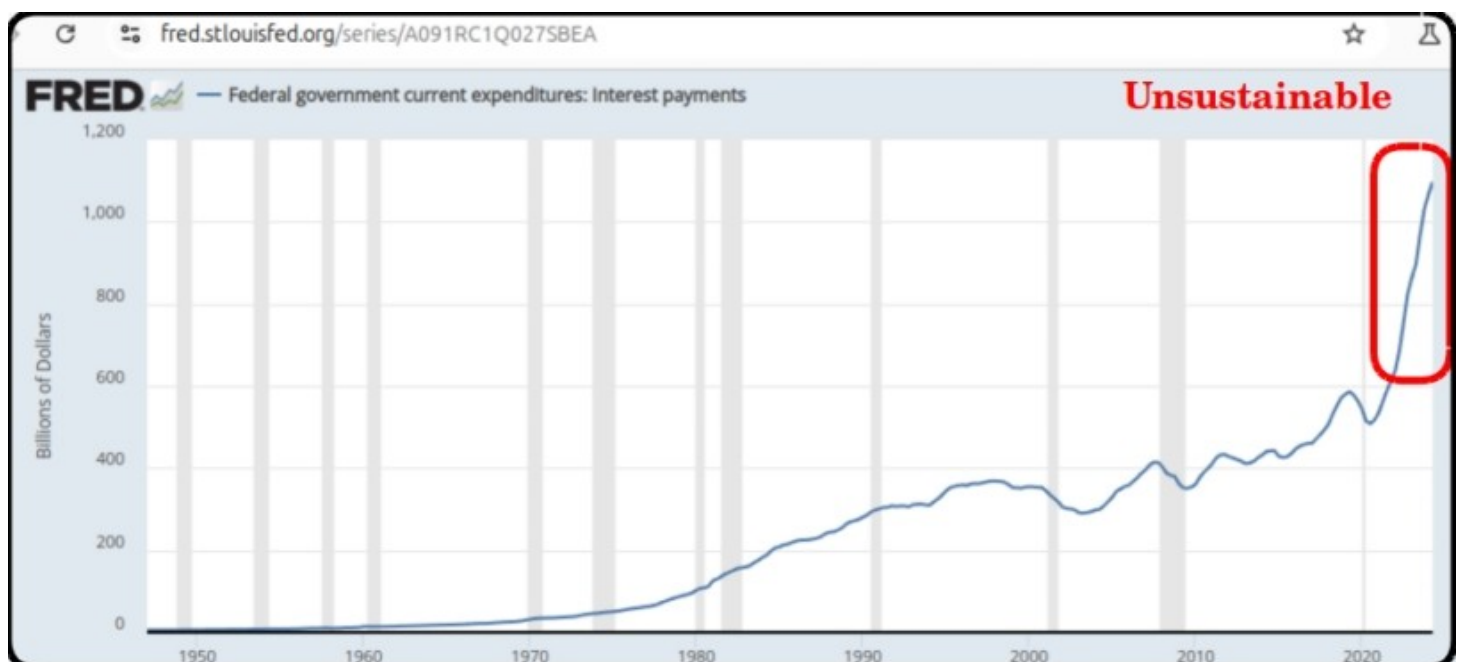
Hegemony

Western hegemonic empires since 1400 A.D. had an average lifespan of 95 years and the United States has already exceeded that. The world reserve token is usually a function of the current hegemony.

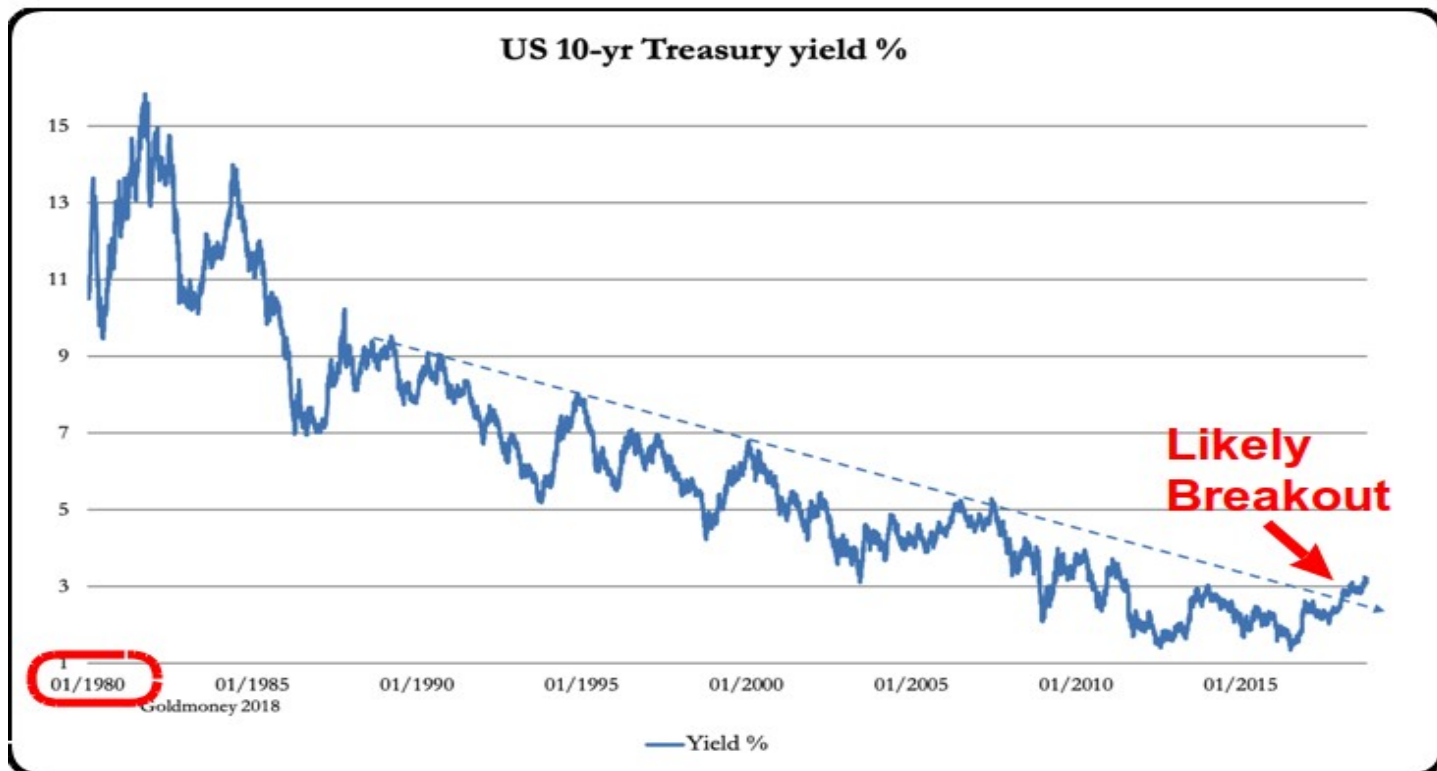| COUNTRY	DATES	DURATION	CURRENCY	
Portugal	1450 to 1530	80 years	Real	
Spain	1530 to 1640	110 years	Escudo	Gold influx from the New World
Netherlands	1640 to 1720	80 years	Guilder	
France	1720 to 1815	95 years	Franc	
Great Britain	1815 to 1920	105 years	Pound	
United States	1920 to 2023	103 years	Dollar	WW1 loans boosted US$

Interest Payments

The current rate of increase in Federal debt interest payments is unsustainable.
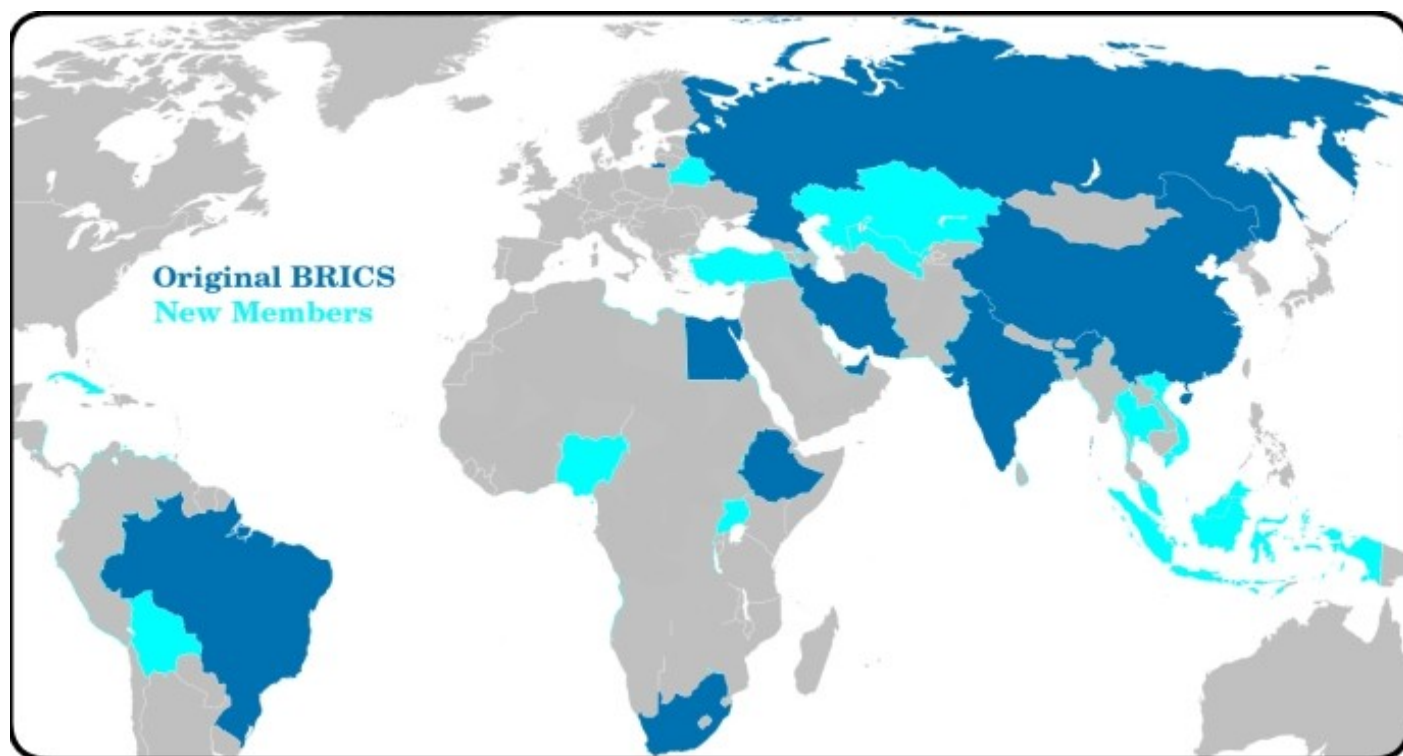
Interest Rates

As debt increases, rates must fall to maintain equilibrium. Interest rates during the credit upcycle (1980 to 2020) have fallen as far as investors will tolerate. A trend reversal to higher rates will be disastrous for the current debt.

De-dollarization

The BRICS coalition will use their oligopoly power to control commodity prices and bypass the US Dollar. BRICS control 50% of the world's food supply, 70% of the microchip supply (China + Taiwan) and almost 50% of world oil reserves. As of Oct, 2024, 13 more countries joined BRICS as limited partners.
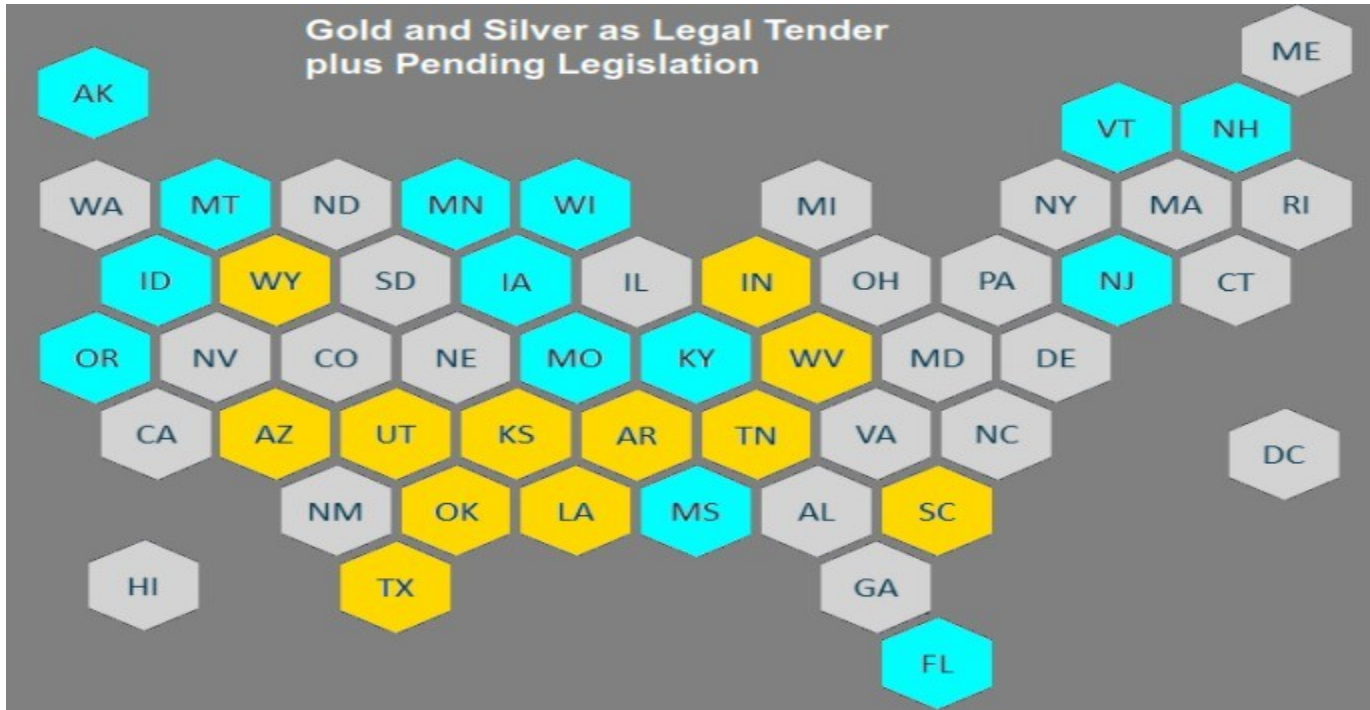
USA Legislation

The **Sound Money Movement** is a [political and economic movement](#) that advocates for a stable, reliable currency and believes central banks should not manipulate currency for political gain and that a gold or silver standard would provide greater stability. The movement supports precious metal legislation in the United States.

Three-Step Legislative Strategy

1. Pass legislation to legalize gold and silver
2. Create a State-controlled depository
3. Create a SDT token backed by the depository

Depository Legislation:

Texas Bullion Depository Bill - Signed into law in 2015 to create a State bullion depository.
2023: Tennessee Bullion Depository Act SB 150 - Establish a precious metals depository.
2023: Mississippi SB 2966 - Establish the Mississippi bullion depository
2023: Missouri HB 718 - Create the "Missouri Bullion Depository."
2023: North Carolina H 721 - State Precious Metals Depository Study
2023: Idaho H 0180 - Invest in precious metals held in a secure depository
2023: Oklahoma SB 816 - Establish a State Treasury Depository
2023: Montana HB 0884 - Department of Revenue authorizes a media of exchange using gold
2024: Florida H 697 - State Legal Tender and Bullion Depository
2024: Louisiana SB 485 - Management of the Louisiana Gold and Silver token Platform
2024: West Virginia SB 749 - Establish the West Virginia Bullion Depository
2024: Arizona SB 1633 - Establish Bullion Depository and Gold-Backed token
2024: Kansas HB 2729 - Enacting the Kansas bullion depository act;
2024: Iowa HF 2228 - Establishment of a token based on gold and held in a bullion depository
2024: New Hampshire H 1674 - Establishes a state depository
2024: Utah HB 348 - Protect state funds with physical gold and silver

Digital Token Legislation:

2023: Wyoming SF 0127 - Wyoming Stable Token Act.
2024: New Jersey AB 385 - Review/approve a blockchain digital payment platform
2024: Rhode Island H7817 - Commission To Study Blockchain And Cryptocurrency

GOLD DIGR Proposal

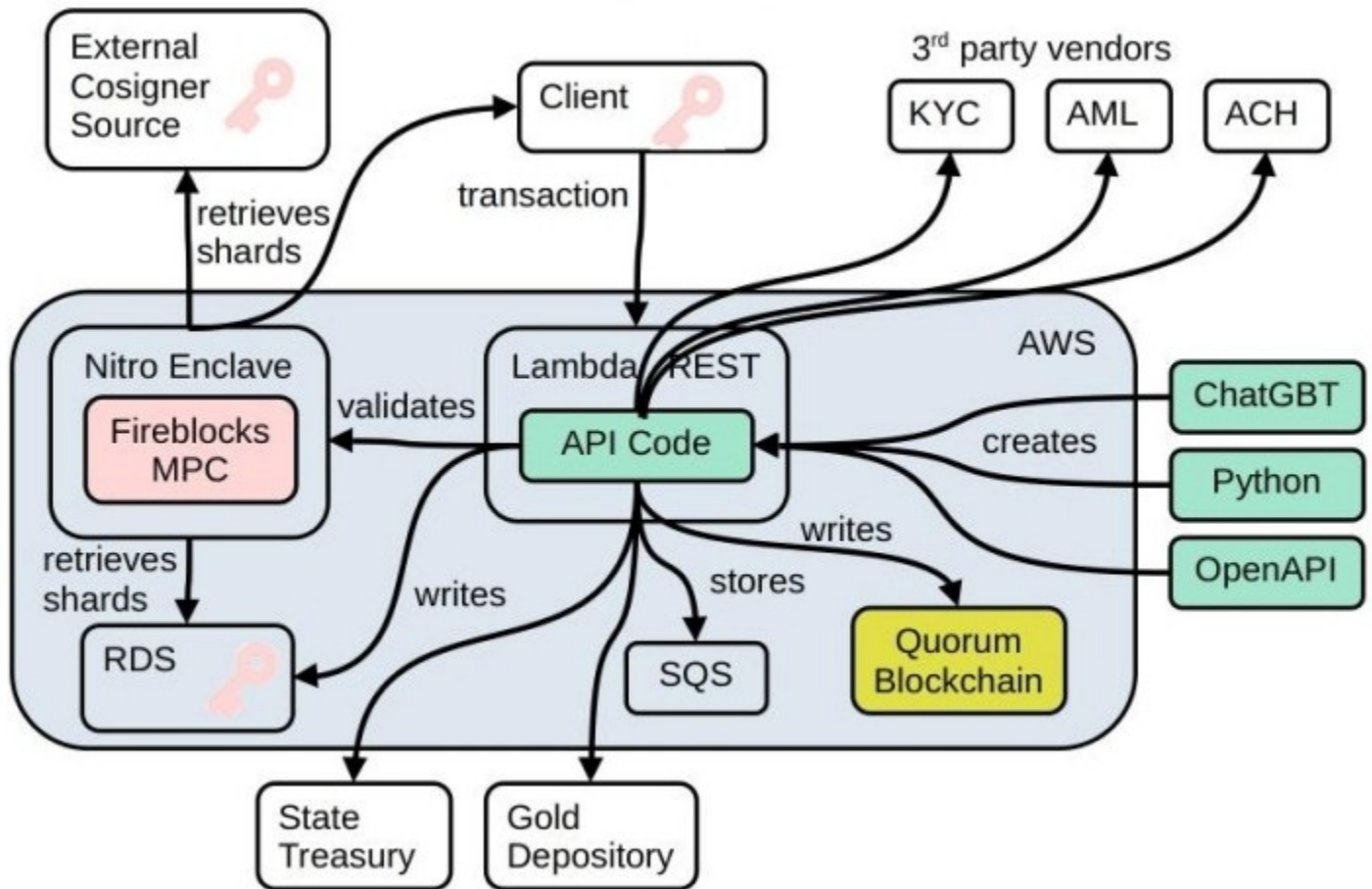This is an abstract high-level diagram of how the SDT works.

Depositories: stores gold deposits/currency.
API Code: executes transactions and deposits

Quorum Blockchain: equivalent to accounting ledger
Fireblocks: safety deposit box keys
Client: Customer with assets in depository

Sending A Transaction

1. Client sends a transaction message to token API

```
{
     "message": {
          "message_type": "texas_transaction",
          "version": 1.12,
          "date": "2024-02-03T06:48:07",
          "ID": 010102283,
          "payer":  12221,
          "payee": 1023,
          "amount": "$100"
     }
}
```

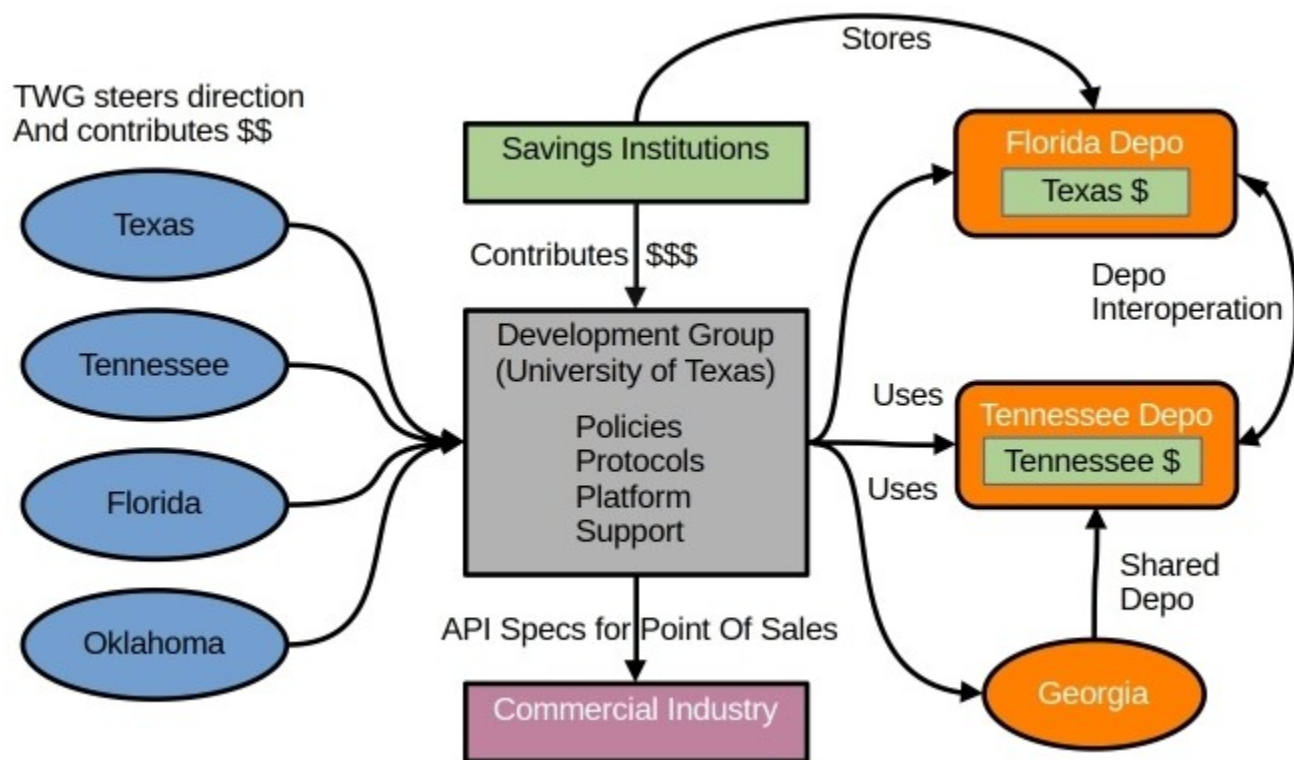2. Token Manaager forwards message to Key Manager.

3. Key Manager verifies the payer, payee and payer's balance.

4. Key Manager creates blockchain entry and sends result to token.

5. Token Manager sends result to client.

TWG Proposal (Technical Working Group)

[Recent legislation](#) shows significant interest in Texas-style precious metal depositories. This proposal is for a Technical Working Group (TWG) of interested parties to fund joint development of regional depositories with common procedures and a SDT platform. Here's an example.

We used this model at Federal Highway from 1994 to 1996 to develop [ASPEN, CDLIS and ISS software](#) with a permanent staff of five. Ten States contributed 1-2 members each quarter for a three-day design and feedback meeting (about 500 man hours annually).
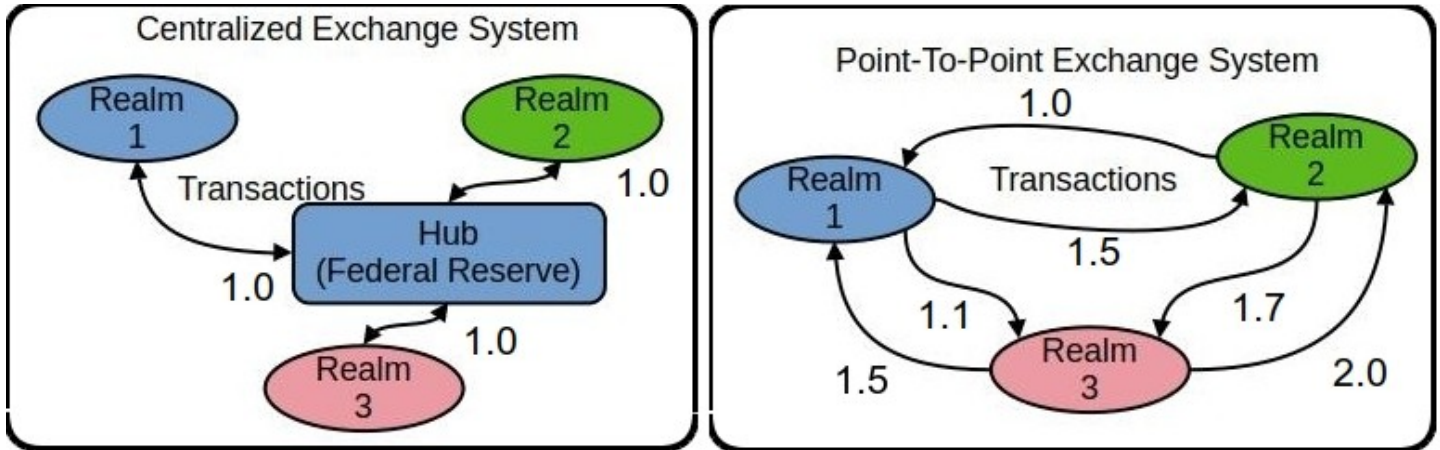
5 Major Components

1) Development Group - Independent organization which combines input to produce policies, protocols and platform for State depositories.

2) Technical Working Group (TWG) - a steering committee of States which contribute funding, feedback and policies from part-time advisors in each State.

3) Regional Depositories - State depositories which support SDTs and interoperate with other depositories.

4) Savings Institutions - provide funding to use SDTs as a mechanism of investment and wealth preservation.

5) Commercial Industry - retail vendors, 3rd party developers to support SDTs and arbitraging by investors.

SXS Proposal (State Exchange System)

The SXS platform has three functions.

- Manage financial transactions between platform members
- Collect information to calculate real-time exchange rates
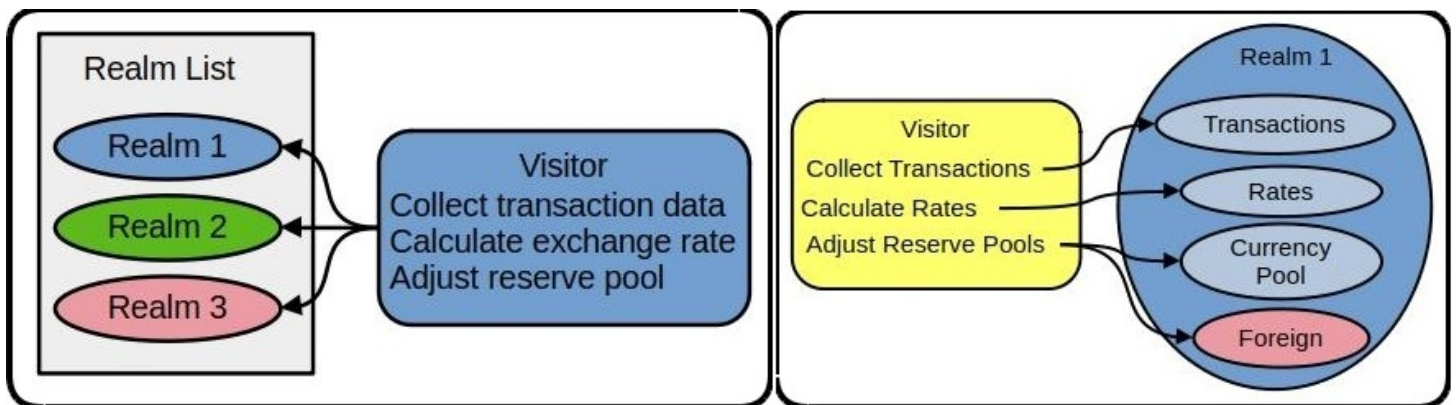- Adjust foreign reserves pools between platform members

CENTRALIZED
This is the design of the Federal Reserve and the realms represent countries and States. It's inflexible but efficient and scalable with a single point of control and authority (hub). Over 100 countries use it.

POINT-TO-POINT (PTP)
The BRICS countries are creating a point-to-point system which is less efficient but has more flexibility and freedom. Different rates are possible between Realm1 to Realm2 and Realm1 to Realm3, etc.

In the PTP system, a visitor regularly converses with all realms and executes a common set of functions. Within each realm are pending transactions, current exchange rates, foreign reserve pools. The visitor executes transactions, recalculates exchange rates and balances foreign reserve pools. Exchange rates are determined by the relationship between two realms instead of a central authority and each country (State) has some control in the exchange rate for each trading partner.

Here is a small working software model of SXS (https://github.com/broward/BRICS)
More detailed model (https://broward.ghost.io/BRICS)

Author

Thirty-five years of eclectic software development, including 7 startups, IT staff at a major university, several USDOT grants and 15 years of corporate consulting. [Three DEFCON presentations](#) on predictive analytics.

State governments

From 1991-1996, I was the original architect of five Federal Highway Administration grants developing the [first handheld & wireless systems (ASPEN, CDLIS, ISS) for State-level motor carrier inspections](#). I led a quarterly design conference with many State representatives, achieved a 40-State adoption and received a commendation from the US Secretary of Transportation. I was named [Boise State University employee of the year](#) in 1994.

Startups

- [Federal Highway 1992-96](#) - R&D on early mobile systems
- [Saleslogix 1998-2000](#) - CRM startup, SDK and Salesforce competitor
- [Sunhill Software 2004](#) - supply chain logistics and KPI
- [Gloo 2013](#) - health & wellness analytics
- [DLVR 2016-17](#) - video analytics
- [Sila 2018](#) - stablecoin SDK and toolkit
- [Ensomata 2022](#) - health care analytics

Digital Currencies

Hands-on work with three digital currencies – the [Digital Money Trust in 1994](#) (a precursor to Bitcoin), an [IoT token prototype in 2014](#) and [Sila stablecoin in 2018](#) which received $21 million in venture capital. I developed the MVP (minimum viable product) in 100 days and we used it in 50 demonstrations for funding. I designed and wrote about 75% of the original beta release code, API, security.

Contracting

Significant projects at [Boeing](#) (call center), [Avnet](#) (e-commerce), [Aetna](#) (case management), [Amdocs](#) (payment system), [DLVR.com](#) (video analytics), Verizon (ring tone sales), [Staples](#) (e-commerce).

DEFCON

[Three DEFCON convention presentations in 2005-2007](#) on predictive analytics and memetic manipulations.

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