

ChainRights

Your Decentralized Game Marketplace

Play it! Own it! Rule it!

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Background

ChainRights

Implementation

FAQ



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Background: State of the Gaming Industry

- Steam, Epic Games, NetEase, etc.
- Users buy or access video games in the platform.
- Other features:
 - Community
 - Personalized recommendations
 - Simplified process for game developers to publish and update their games



Retail Distribution



Digital Distribution



Background: Problems in the Current Gaming Industry



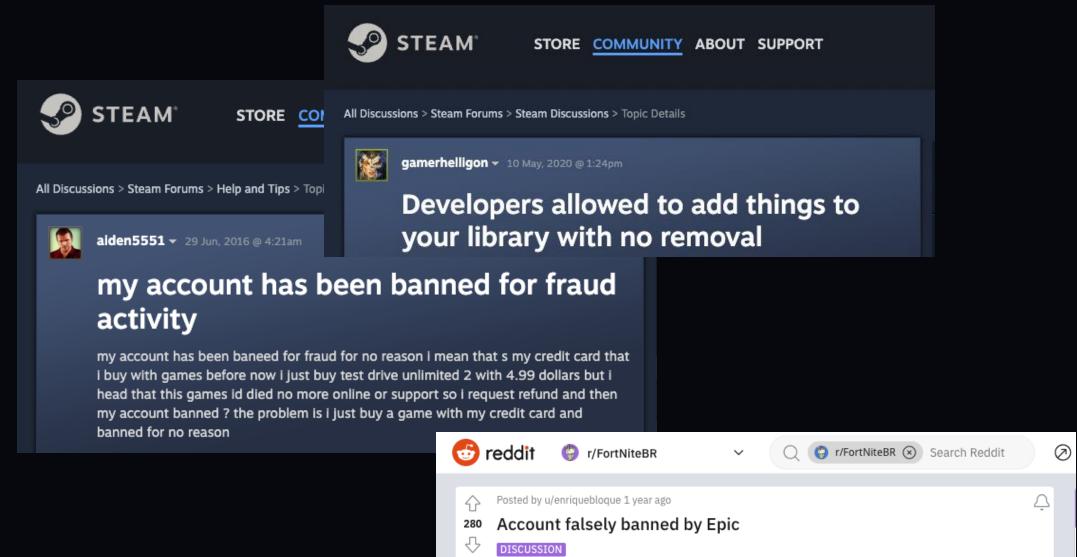


Game Ownership





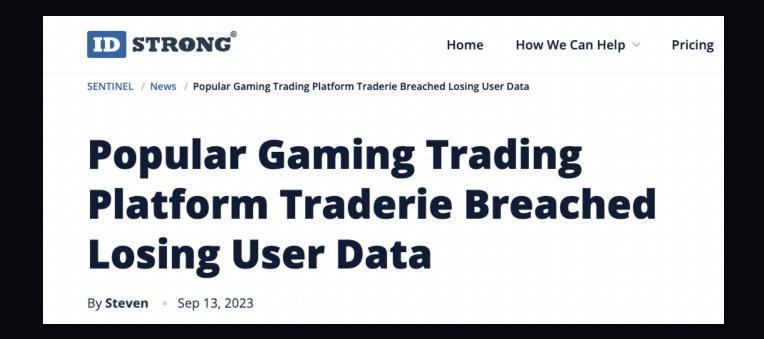
Centralized Authority





Data Privacy and Security

- Need KYC
- Vulnerable to breaches or misuse



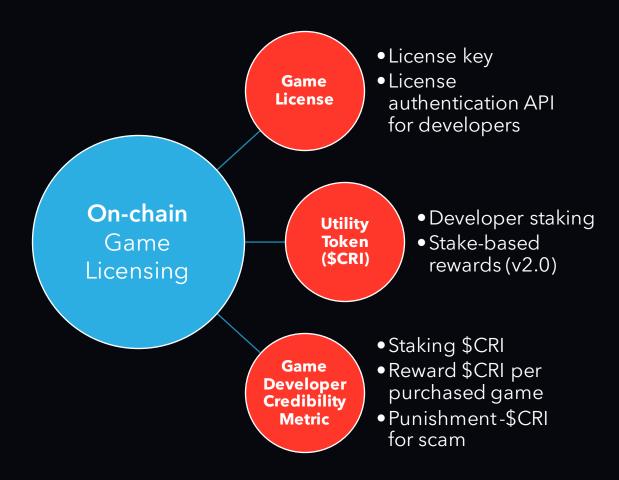
The BreachForums user claims as many as 2.6 million Traderie users are impacted by the breach, and says compromised information includes email addresses, IP addresses and online identifiers for various services, including Discord, TikTok, Roblox, Xbox Live, Apple, Google and more. TechCrunch has seen a portion of the stolen data.

Background ChainRights

Implementation FAQ



ChainRights: Decentralized Game Marketplace





ChainRights: Benefits

User

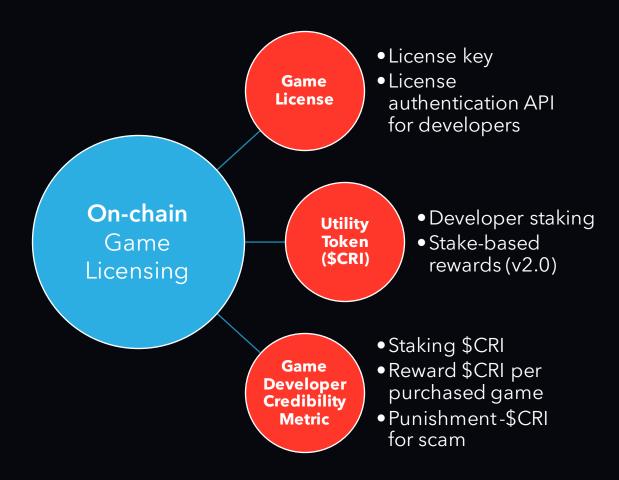
- Can resell game instead of account
- Cannot be blocked by centralized marketplace
- No KYC needed

Game Developer and Publisher

- Royalty fee on game resell
- \$CRI reward for each game purchased



ChainRights: Decentralized Game Marketplace





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Implementation: Registering the Game



Register a game



First batch game developers will get **airdrop** to be used for staking during game publishing

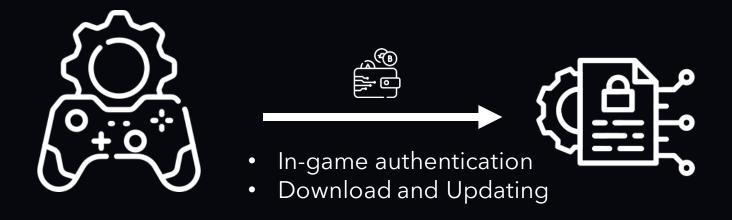


Game Data

- **gameID**: unique uint256 hash, automatically created for each game
- gameName
- developerAddress
- gameDescription
- price
- Registering requirement: **staking**The game developer must stake their \$CRI token. Their stake will be locked for two years. Minimum staked proportion to number of sales



Implementation: License Verification



- Match the user address with the license data stored in the smart contract
- The authentication function is **protected**; game developer can only verify the license for the game they own.



Implementation: Buying the Game



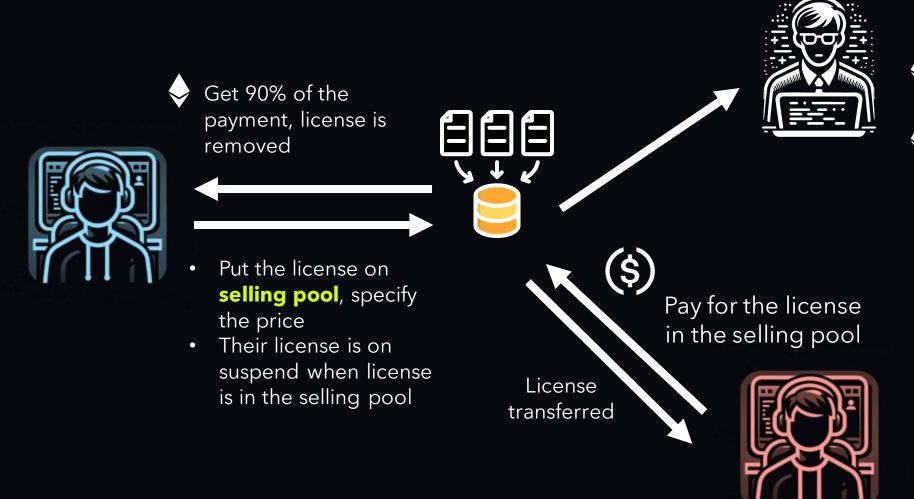
To avoid any price fluctuation, we use **stablecoin** (**\$USDC**) for the payment of the game

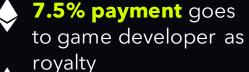
- 2.5% payment will belong to the smart contract [transaction fee], in exchange for x amount of \$CRI token (newly minted)
- The rest of the payment will be transferred directly to the game developer

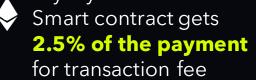
A unique license key will be generated (hashed with user address and game id)



Implementation: License Resell









ChainRights Background **Implementation FAQ** Conclusion



FAQ: Empty License Scam

 How can we make sure that users will not get empty license?



Prevent review fraud

For every **x people**reporting the game, the
game developer's stake will
be taken by some amount
(burned)





Minimum stake threshold encourages developers to maintain stake





FAQ: Barrier of Entry for Small Developers

Community Support

 Will Indie game developer lose the competition with big developers? How to empower Indie game developers?



- Minimum \$CRI stake is proportional to sales.
 - Lower barrier of entry for small developers.
- Users can help Indie game developers by staking on their behalf to improve their credibility metric.
- Community activity to support Indie game developers (v2.0).

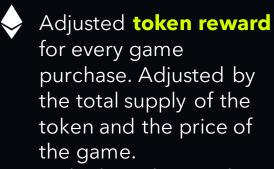


FAQ: Tokenomics

 How to ensure the token \$CRI become valuable?



Minting Policy



 Stake-based reward (v2.0)



Buyback and Burn



Periodically use transaction fee profit to buyback token and burn



Staking Policy

Adjusting minimum threshold for credibility stake proportional to sales.

- Big developers still have a vested interest to stake.
- Periodic stake normalization as credibility metric is relative



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ChainRights: v1.0



