Reality Chain: Multi-Chain, Multi-Engine, Metaverse-as-a-Service

A multi-chain Metaverse service provider

The Metaverse is a concept originally coined by Neal Stephenson in his 1982 science-fiction novel Snow Crash. Following Facebook's announcement that it would change its name to Meta and allocate its resources toward Metaverse projects, the term took the internet by storm. Meta CEO, Mark Zuckerberg, has since made a [video statement](#) about how the social media giant will pivot to be a Metaverse-as-a-Service platform.

Introduction to Reality Chain

Reality Chain, [previously named 2dver.se](#), is a Metaverse-as-a-Service platform. Reality Chain can manage your enterprise or community Metaverse solutions. Reality Chain is a multi-chain Metaverse allowing you to integrate your Metaverse with a host of different blockchains.

The Metaverse Market

The Metaverse is said to be a potential multi-trillion dollar market. Morgan Stanley predicted that the Metaverse market could reach up to $8 trillion, while Matthew Ball, CEO of Epyllion, has a

more optimistic prediction of $30 trillion. Many investors agree twith this and are looking towards investing more capital into this ever-growing market.

More companies are coming into the space as tech giants like Facebook and Microsoft create their own Metaverses. While Facebook's [Meta](#) will likely become a social Metaverse akin to their social media roots, Microsoft's [Mesh](#) is slated to become a collaborative Metaverse designed with their Microsoft Teams tier applications.

The popularity of blockchain-based Metaverse projects like [The Sandbox](#), [Cryptovoxels](#), and [Decentraland](#) is also rising. SoftBank-backed Metaverse Startup, The Sandbox, has [received a $93 million Series B](#) funding. Their $SAND token has a market cap of $2.46 billion. Even Snoop Dogg had a concert on [The Sandbox](#) amidst the Covid-19 pandemic, bringing the project even more notoriety.

Reality Chain Engine

While an immersive Metaverse can give the user a fully engaging experience, it demands 100% of the user's attention — incapacitating the user who is unable to perform any extraneous functions outside the metaverse experience. We imagine a future with many Metaverse user types demanding many Metaverse options. Thus, the first project that manages to crack the code on what people want in a Metaverse might be the leading go-to platform for the casual audience.

Reality Chain provides many Metaverse options and plans for two different engines to power the virtual worlds.

2dver.se Engine

2dver.se is a 2D virtual world engine meant for casual Metaverse experiences that don't require your undivided attention. 2dver.se-based Metaverses are not immersive environments. Rather they are designed to be an exciting new part of your active social life. 2dver.se-based Metaverses are portable. You can access it anywhere from your browser to your phone. If you choose to access them within your browser, they won't take up the entire screen and will therefore allow you to switch between other applications instantly without having to exit the Metaverse.

The flexibility offered by 2dver.se gives you a glimpse of how you can access your daily internet functions while also participating in the exciting world of digital asset ownership. 2dver.se will launch in 2021 and be the Reality Chain team's first Metaverse engine release.

realver.se engine

realver.se is a 3D virtual world engine and is a collaborative Metaverse for everyone. realver.se will be more immersive compared to its counterpart 2dver.se. Users will be able to create and mint 3D assets using the realver.se engine. The upcoming launch will be in 2022.

Reality Chain Concept

Reality Chain allows blockchain interoperability between Metaverses. Each Metaverse is part of the Reality Chain Multiverse and can reside on a different blockchain.

Multi-Chain, Multi-Engine Metaverse

The multi-chain concept allows you to connect to different blockchains within the Reality Chain Multiverse. While you can reside on one blockchain, nothing stops you from joining other Metaverses.

One Token Model

Each Reality Chain engine uses the same $REAL token to purchase and stake spatial assets inside the Metaverse. Every in-world asset, spatial and NFT, is owned by the users.

B2C: First Metaverse of Each Engine Deployed by Reality Chain

Reality Chain's first deployment of each engine will be a community world, specifically for the users of Reality Chain. You can enter the existing worlds and try out the Metaverse yourself. Everything in the community world is community-owned, including the digital spatial assets and the NFTs.

B2B: Subsequent Metaverses Can Be Deployed For Others

Reality Chain is Metaverse Service Provider (MSP). The goal of Reality Chain is to supply other companies/communities with the capabilities of the Metaverse. All Metaverses are created and fully managed by Reality Chain. You don't need to worry about how you will deploy your Metaverse, and you can rely on the Reality Chain to do it for you.

Maintain Capital Pool Increase by Token Staking and Token Utility Increases as Network Grows

You can obtain a digital spatial asset by staking Reality Chain's native currency $REAL. You lock your $REAL to acquire land, and because the land is speculative, you can expect it to grow in price.

Triple Pool Model
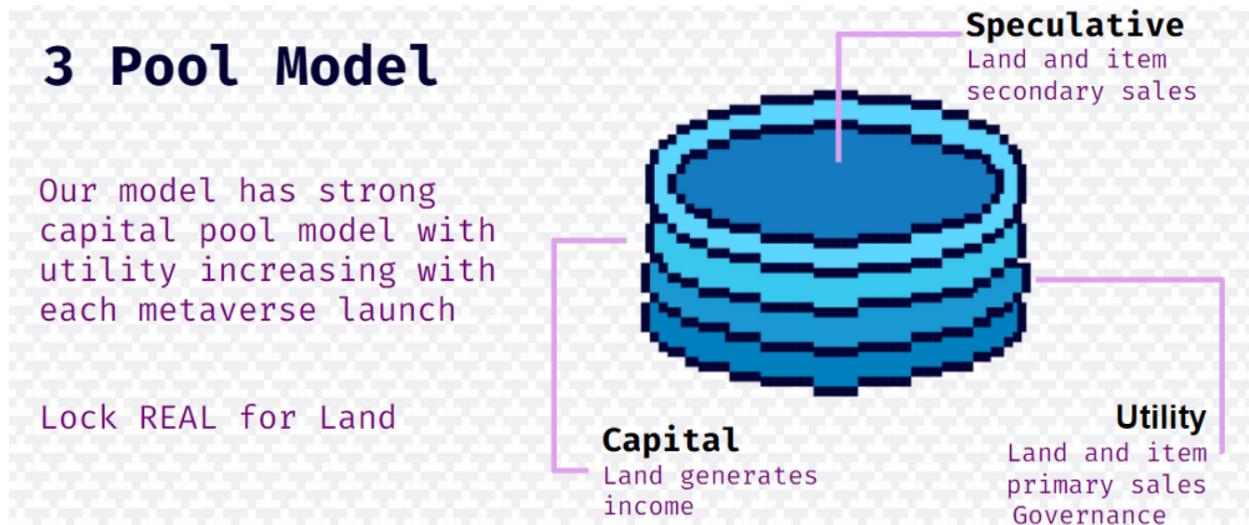
Our model has a strong capital pool model, the Triple pool model allows for a substantial capital pool while increasing utility with each Metaverse launch. It's possible because with each new Metaverse, the utility of the $REAL token increases because of the number of lands available to be used for staking.

Reality Chain Core User Experience

Metaverses aren't games. They are social experiences. Healthy social experiences should be a part of your life, not replace it. The Reality Chain Metaverse creates a virtual world you can participate in while still walking through your day-to-day — A "Reality Sidechain," if you will.

Explore the World

Reality Chain is a Multiverse comprising of many Metaverses. The one thing each Metaverse has in common is that it is part of the same infrastructure ecosystem. Each Metaverse can be based on different blockchains, but Reality Chain serves as the intermediary technology connecting the two worlds.

Buy and Customize Personal Space

In Reality Chain, you can lock $REAL to own a plot of land. You can then customize your space and show your creativity by making beautiful rooms with fantastic furniture. Build your virtual home for anyone to visit and look around.
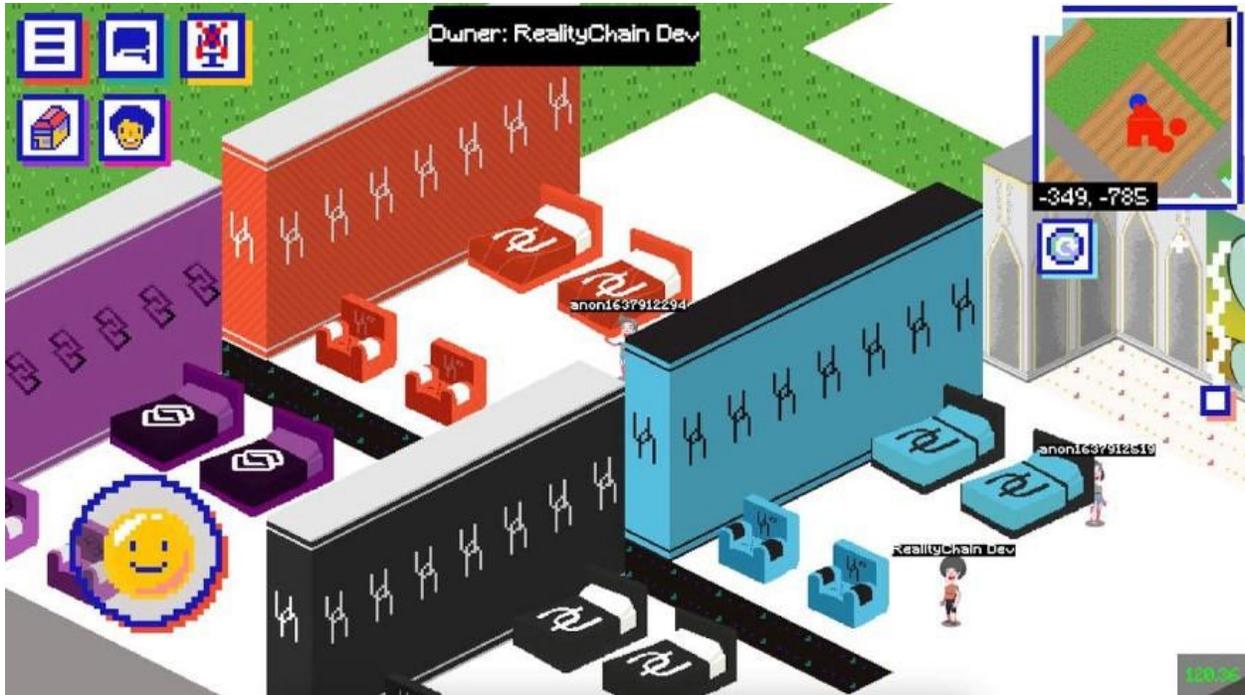
Decorate everything to your heart's content, starting from the room layout, the wallpapers, to your bedsheets. Reality Chain gives you such granular control of your environment so that you can customize anything — even the sheets in your bedroom. You can also change your avatar's hair, facial expression, shirt, pants, and even shoes!
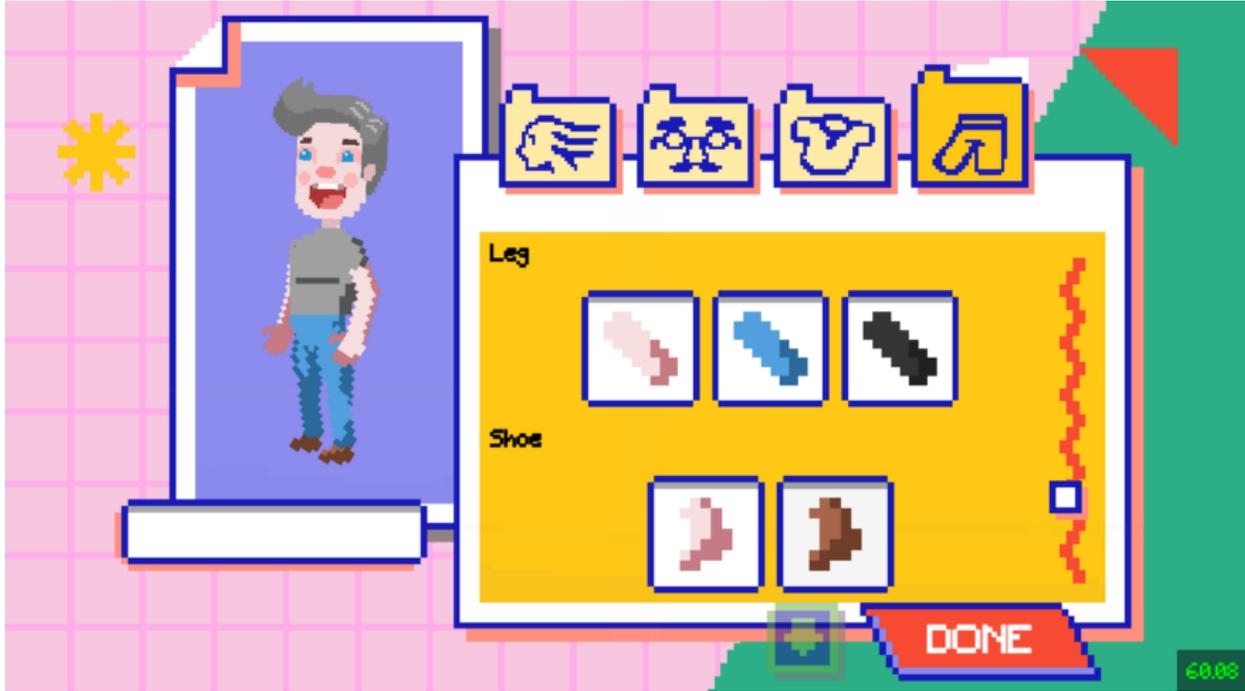
Text and Voice Chat

Reality Chain enables you to communicate with other users. You can chat using a regular in-world chatting service or you can strike up a conversation with other users near your avatar in the space by using a proximity voice chat. Create group meetings inside the virtual world, bring new communities to life, and connect with people from all around the world.

Reality Chain Tokenomics

Reality Chain will have a native token, $REAL, that can be staked to generate a Metaverse. This token is generated with the NEP-141 standard and is tradable on NEAR Protocol.

Other than for land staking, $REAL is also be used as a governance mechanism within Reality Chain. Each interoperable Metaverse has its own governance.
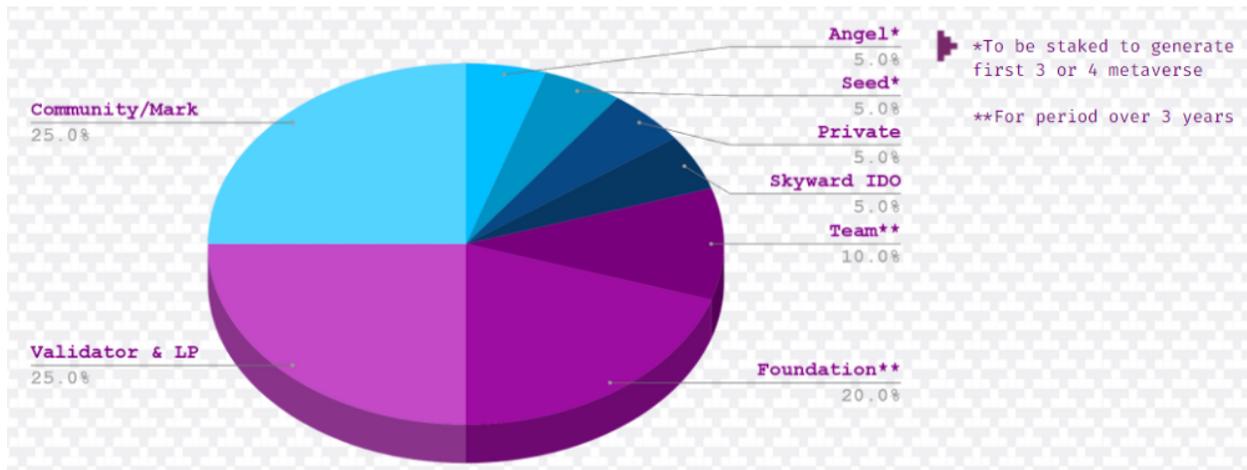
The community and validators will receive 25% of the $REAL tokens. While investors of the Angel, Seed and Private rounds will receive a total of 15% of the shares (5% for each round.) Initial dex offering (IDO) participants will receive another 5% of the entire token distribution. 20% is reserved for the Foundation and the remaining 10% will go to the Development Team.

Angel and Seed investors will receive their $REAL tokens staked to generate the first 3 or 4 Metaverses. Foundation and Team members will receive their tokens vested over a 3-year period.

Token Utility

$REAL can be staked to generate in-world land. You will be required to lock your $REAL to acquire the land, but after you receive the land NFTs, you may resell it using any token. $REAL has a finite supply and scarcity increases as more $REAL are locked..

In-world purchases can be conducted using other tokens, as determined by each Metaverse's governance. However, Reality Chain will receive fees in $REAL through the following mechanisms:

- Reality Chain will whitelist the NFT collection for in-world utility and receive a fixed amount of $REAL.
- Reality Chain takes a cut of transaction fees (ideally 20%) on each item sold (as NFT royalties) and then swap proceeds back to $REAL.

As mentioned previously, in-world governance voting will also require the $REAL token.