SmurfSwap

A Digital Asset Platform
September 2021

What is SmurfSwap?

SmurfSwap is an innovative digital asset platform. It offers a variety of digital services ranging from NFTs, staking, and online multiplayer games. The SMURF token provides access to applications on the platform, rewarding participants with yield-earning applications, and offering governance protocols across multiple tokens and blockchains.

What is the Smurf token?

SMURF is the titular currency for the SmurfSwap network of applications. The SMURF token provides access to transactional yield through transfer fees and has a total supply of 1 quadrillion, 50% of which is locked in the reserve contract. Transfer fees are used to increase token liquidity at the designated AMM and/or distribute fee amount amongst token holders.

Upon minting 1 quadrillion SMURF, 500 trillion were deposited to a reserve contract with the intention to concentrate the share of the distribution of transfer fees into one wallet address. The concentration of those fees within the token reserve would be defined as follows:

$$concentrationRate = \frac{shareSupply}{totalSupply} \cdot \frac{tokenTransferFee}{transferAmount}$$

The SMURF token also includes user-specific fees through possession of NFTs and ERC-20s as discount coupons, offering a deflationary discount structure to participants.

Which Services does SmurfSwap offer?

SmurfSwap's goal is to provide users with automated services around earning yield, collateralizing assets, and robo-assistance with token markets. Services for NFTs such as marketing, minting, auctioning, and claiming yield rewards are offered, in addition to a multi-channel online arcade that features the SMURF token. Many of those services have applications available or are upcoming.

SmurfStack

SmurfStack is SmurfSwap's flagship line of yield protocols that satisfies the need to earn income by "HODLing" a digital asset through a smart contract. The SMURF token, SmurfStack's currency is a token with built-in fees on token transfers, much like hundreds of other tokens with the same features offers yield through transaction fees. SmurfSwap

with the SmurfStack protocol offers more. Instead of relying on deflation to increase the token value through scarcity, SmurfStack uses share position to concentrate token value with a reserve derived from transactional deltas. SmurfStack transactional deltas are defined as follows:

$$transactionDelta \ = \left(\frac{smurfStackSupply}{smurfselect:TokenSupply}\right) \cdot \frac{transferTaxFee}{transferAmount}$$

That value can be used in a market for the SMURF token to generate yield.

SMURF yield using the SmurfStack protocol is defined as:

$$yieldRate \ = \frac{transactionDelta}{smurfStackTokenSupply}$$

As the transactional delta increases the total yield available for activities such as participating in token markets is available.

SmurfVillage

SmurfVillage is an additional yield protocol that allows token holders to democratize their digital assets through robo-guided token market transactions. Very similar to SmurfStack, SmurfVillage allows users to earn yield without having to sell the underlying asset; through the concentration of share supply, users of SmurfVillage earn yield through transaction deltas, the calculation of which differ between "villages".

SmurfBoost

SmurfBoost is a frictionless borrowing protocol for SmurfSwap users. Users can borrow SMURF against their collateral token and using robo-advisors, have origination fees and liquidation prices calculated just in time. Smurf borrowed through the SmurfBoost protocol terms are zero interest loans, paid back 1:1 of originating amount. Collateral positions in debt are subject to liquidation based on robo-advisor guidance.

SmurfMuseum

SmurfMuseum is an NFT platform offering a multitude of services such as minting NFTs, marketing the buying and selling of NFTs through the marketplace and giving users access to mayoral NFTs. Mayoral NFTs allow holders to earn yield indefinitely from SmurfSwap applications.

Attack on Gargamel

The primary source of yield within the SmurfSwap ecosystem is through transfer fees. SmurfSwap's online arcade is a solution to increase transaction volume through incentivizing the use of the SMURF token through online play. Attack on Gargamel is a multiplayer online game that gives players the opportunity to win rewards through online competition.

Project Roadmap

The SmurfSwap platform launched in late August 2021. Upon launch, a 12-month roadmap was designed. This roadmap is managed through milestones denoted by status of alpha, beta, and public. Alpha and beta being early-stage releases of a SmurfSwap application and public being the final version of the application.

A 6-month roadmap has been released for the project's status.

August/September
SmurfSwap UI Beta
SMURF token
SmurfStack Beta

October/November
SmurfMuseum Alpha
SmurfVillage Alpha
SmurfBoost Beta

December/January
SmurfStack Public
SmurfMuseum Beta
SmurfBoost Public
Attack on Gargamel Beta