

# UniteSwap

**First EVM  NEAR Atomic Swaps**

**ETHGlobal Unite 2024**

Official 1inch Fusion+ Extension

# The Problem

## No bridge between EVM and NEAR

- NEAR isolated from Ethereum DeFi
- Need CEX or multiple hops
- Billions in liquidity disconnected

## Solution: Direct atomic swaps

# How It Works

**Ethereum (Base Sepolia)**

→ 1inch Limit Order Protocol

 **Atomic Swap** 

**NEAR Protocol**

→ Custom HTLC Contract

**Orchestration:** `fusion-cli` **(Rust)**

# Live Demo

1. **Create HTLC** → Get secret
2. **Create Order** → 1inch protocol
3. **Execute Swap** → Atomic exchange
4. **Auto Claim** → Complete!

```
fusion-cli create-htlc --sender 0x7aD8...  
fusion-cli order create --htlc-secret-hash...
```

# Technical Implementation

## ✓ Official 1inch Integration

- Limit Order Protocol: `0x171C87...`

## ✓ NEAR HTLC Contract

- Deployed: `htlc-v2.testnet`

## ✓ Rust CLI Tool

- Complete atomic swap flow

# Try It Now

```
git clone https://github.com/susumutomita/UniteDefi  
cd UniteDefi  
cargo build -p fusion-cli --release
```

**GitHub:** [susumutomita/UniteDefi](https://github.com/susumutomita/UniteDefi)

**Questions?**