Warp Routes: Example Usage

This section describes various combinations of warp route types.

Warp Route Combinations

1. Native to Native

This route allows for the transfer of native tokens between chains that both use their own native tokens.

info This type of route should only be used when both networks have native tokens of equivalent value, e.g. inEVM & Ethereum. Setup:

- HypNative contract deployed on both chains.

Example Flow:

From: Ethereum (ETH) To: inEVM (ETH) Amount: 1 ETH Diagram:

Use Case: Alice wants to quickly move value from Ethereum to inEVM.

2. Native to Synthetic

This route creates a synthetic representation of a native token on another chain.

Setup:

- HypNative contract deployed on native token chain.
- HypERC20 (synthetic) contract deployed on other chain.

Example Flow:

From: Celo (CELO) To: Optimism (wCELO) Amount: 100 CELO Diagram:

Use Case: A Celo-based project wants to make their native CELO token available for use on Optimism.

3. Collateral to Synthetic

This route allows for the creation of synthetic tokens based on collateralized ERC20 tokens.

Setup:

- HypERC20Collateral contract deployed on ERC20 chain.
- HypERC20 (synthetic) contract deployed on other chain.

Example Flow:

From: Ethereum (USDC) To: Arbitrum (wUSDC) Amount: 1000 USDC Diagram:

Use Case: Alice wants to use her USDC on Arbitrum without moving actual USDC to Arbitrum or relying on Arbitrum's bridged USDC.