Solana

Details for working with the Solana environment chains

Developer Tools

To develop contracts for Solana, you'll need to have the following tools installed:

- 1. Cargo
- 2.
- Rust build tool and package manager
- 3. Solana CLI tools
- 4
- · CLI tools for working with Solana
- 5. Anchor
- 6.
- Smart contract development framework

7.

Install Wormhole rust crates to interact with solana onchain programs and token bridge.

Known issues exist with Solana version 1.15 - downgrade to Solana 1.14.14

Addresses

Because Wormhole works with many environments, the Wormhole address format is normalized.

For Solana based chains, this means a wormhole formatted address is the base58 decoded address.

e.g.worm2ZoG2kUd4vFXhvjh93UUH596ayRfgQ2MgjNMTth =>0x0e0a589a41a55fbd66c52a475f2d92a6d3dc9b4747114cb9af825a98b545d3ce

Emitter

The emitter address on Solana chains is a Program Derived Address which is derived by the application, normalized to the wormhole address format.

The application dev chooses whether this is a consistent address over time or changes. We strongly recommend making it consistent.

Solana

The contract addresess fortestnet are on the Solanadevnet

Ecosystem

- Web site
- https://explorer.solana.com/
- Developer docs

.

Wormhole Details

- Name
- :solana
- · Chain ID
- :
- Contract Source
- : No source file, updatehere

•

Consistency Levels

The options for consistency Level (i.e finality) are:

Level Value Confirmed 0 Finalized 1 For more information seehttps://docs.solana.com/cluster/commitments

Mainnet Contracts (Mainnet Beta -5eykt4UsFv8P8NJdTREpY1vzqKqZKvdpKuc147dw2N9d)

Type Contract Core worm2ZoG2kUd4vFXhvjh93UUH596ayRfgQ2MgjNMTth Token Bridge

wormDTUJ6AWPNvk59vGQbDvGJmqbDTdgWgAqcLBCgUb NFT Bridge WnFt12ZrnzZrFZkt2xsNsaNWoQribnuQ5B5FrDbwDhD

Testnet Contracts (Devnet -EtWTRABZaYq6iMfeYKouRu166VU2xqa1wcaWoxPkrZBG)

Type Contract Core 3u8hJUVTA4jH1wYAyUur7FFZVQ8H635K3tSHHF4ssjQ5 Token Bridge DZnkkTmCiFWfYTfT41X3Rd1kDgozqzxWaHqsw6W4x2oe NFT Bridge 2rHhojZ7hpu1zA91nvZmT8TqWWvMcKmmNBCr2mKTtMq4

Local Network Contract

Type Contract Core Bridge1p5gheXUvJ6jGWGeCsgPKgnE3YgdGKRVCMY9o Token Bridge B6RHG3mfcckmrYN1UhmJzyS1XX3fZKbkeUcpJe9Sy3FE NFT Bridge NFTWqJR8YnRVqPDvTJrYuLrQDitTG5AScqbeghi4zSA

pythnet

Ecosystem

- No webpage, updatehere
- No explorer, updatehere
- No dev docs, updatehere

•

Wormhole Details

- Name
- · :pythnet
- · Chain ID
- .26
- Contract Source
- : No source file, updatehere

.

Mainnet Contracts

Type Contract Core H3fxXJ86ADW2PNuDDmZJg6mzTtPxkYCpNuQUTgmJ7AjU Token Bridge N/A NFT Bridge N/A

Testnet Contracts

Type Contract Core EUrRARh92Cdc54xrDn6qzaqjA77NRrCcfbr8kPwoTL4z Token Bridge N/A NFT Bridge N/A

Local Network Contract

Type Contract Core N/A Token Bridge N/A NFT Bridge N/A

Last updated1 month ago

On this page * <u>Developer Tools</u> * <u>Addresses</u> * <u>Emitter</u> * <u>Solana</u> * <u>Ecosystem</u> * <u>Wormhole Details</u> * <u>pythnet</u> * <u>Ecosystem</u> * <u>Wormhole Details</u>

Was this helpful? Edit on GitHub