Stylus testnet information

ALPHA RELEASE, PUBLIC PREVIEW DOCS Stylus is currently tagged as analpha release. The code has not been audited, and shouldnot be used in production scenarios . This documentation is currently inpublic preview .

To provide feedback, click theRequest an update button at the top of this documentjoin the Arbitrum Discord , or reach out to our team directly by completingthis form . caution Stylus is undergoing major upgrades, and some improvements are expected to require a chain reset. Prior to a reset, developers on the testnet are recommended to withdraw their testnet ETH (there is no 7-day delay since this is a testnet, withdrawals are processed in minutes) and redeploy their contracts on the new chain. There will be advanced warning of any resets. Stay up-to-date by joining the Stylus channel inDiscord .

RPC endpoints

This table provides an overview of the available public RPC endpoints for the Stylus testnet and necessary details to interact with them.

Name RPC URL Chain ID Block explorer Underlying chain Tech stack Sequencer feed URL Sequencer endpoint⚠ Stylus testnet https://stylus-testnet.arbitrum.io/rpc 23011913 https://stylus-testnet-explorer.arbitrum.io/ Arbitrum Sepolia Nitro (Rollup) wss://stylus-testnet.arbitrum.io/feed https://stylus-testnet-sequencer.arbitrum.io/rpc caution Unlike the RPC Url, the Sequencer endpoint only supportseth_sendRawTransaction andeth_sendRawTransactionConditional calls. For information on other mainnet and testnet Arbitrum chains, visit the Node Runnerssection of the docs .

Faucets

Below you can find faucets for obtaining testnet ETH. If using a faucet on Ethereum Sepolia or Arbitrum Sepolia, your testnet ETH can be bridged to the Stylus testnet on theArbitrum Bridge .

Faucet Operator Faucet URL Chain Bware Labshttps://bwarelabs.com/faucets/arbitrum-stylus-testnet Stylus Testnet QuickNode https://faucet.quicknode.com/arbitrum/sepolia Arbitrum Sepolia Alchemyhttps://sepoliafaucet.com/ Ethereum Sepolia Sepolia PoW Faucet https://sepolia-faucet.pk910.de/ Ethereum Sepolia

Useful smart contract addresses

caution Stylus is undergoing major upgrades, and some improvements are expected to require a chain reset. Keep in mind that the following addresses may change during a chain reset. Here we list the addresses of the smart contracts related to the protocol, the token bridge and precompiles of the Stylus testnet. For the addresses of these contracts deployed on other Arbitrum chains, see our reference pageSmart contract addresses .

Protocol smart contracts

The following contracts are deployed on Arbitrum Sepolia (the parent chain of the Stylus testnet).

Address Rollup 0x94db9E36d9336cD6F9FfcAd399dDa6Cc05299898 Sequencer Inbox 0x00A0F15b79d1D3e5991929FaAbCF2AA65623530c Core ProxyAdmin 0x86D3d0752557F74b0a287F174a5dE35707435e40 Delayed Inbox 0xe1e3b1CBaCC870cb6e5F4Bdf246feB6eB5cD351B Bridge 0x35aa95ac4747D928E2Cd42FE4461F6D9d1826346 Outbox 0x98fcA8bFF38a987B988E54273Fa228A52b62E43b Challenge Manager 0xf398577501999f14E8a85B1A09816D4Cb0aE0DCf

Token bridge smart contracts

The following contracts are deployed on Arbitrum Sepolia (the parent chain of the Stylus testnet).

Address L1 Gateway Router 0xa72a2F3559Bb337309BCE13f18fae748C6A7D0fa L1 ERC20 Gateway 0x709C3Ad4447adA3c9d1eFDA4C4c5b72D4b22005F L1 GenericCustom Gateway 0x99ED0b0934ff766adceA8A1C38566b2C62Dd319D L1 WETH Gateway 0x298f1539B240f7c2A1EA286AE83E6Fac0C33639b L1 WETH 0xe39Ab88f8A4777030A534146A9Ca3B52bd5D43A3 L1 ProxyAdmin 0xA428EfC5353E064f4c576c319836e13ae1157C41 The following contracts are deployed on the Stylus testnet.

Address L2 Gateway Router 0xCDdbADaF4FfA77446aB664834AAdb91121DbdA6f L2 ERC20 Gateway 0x82D5409C0CC3e1E6eaEdb5D1893Ca85b496Aa646 L2 GenericCustom Gateway 0x8a787c6bEd27F90a7302832523f3c63Ef276f193 L2 WETH Gateway 0x024e80adBD08aF5240C7860AF2D44C3596EdB3Da L2 WETH 0xFFaB5a6E03d5099922BAD0B6E561E9129E0FEB4c L2 ProxyAdmin 0xF113d2bF6c3974810802BE3989e3C1C1BAd0DE69

Precompiles

The following precompiles are deployed on the Stylus testnet.

Address ArbAddressTable [0x0000000000000000000000000000000000000066](#) ArbAggregator [0x000000000000000000000000000000000000006D](#) ArbBLS [0x0000000000000000000000000000000000000067](#) ArbFunctionTable [0x0000000000000000000000000000000000000068](#) ArbGasInfo [0x000000000000000000000000000000000000006C](#) ArbInfo [0x0000000000000000000000000000000000000065](#) ArbOwner [0x0000000000000000000000000000000000000070](#) ArbOwnerPublic [0x000000000000000000000000000000000000006b](#) ArbRetryableTx [0x000000000000000000000000000000000000006E](#) ArbStatistics [0x000000000000000000000000000000000000006F](#) ArbSys [0x0000000000000000000000000000000000000064](#) ArbWasm [0x0000000000000000000000000000000000000071](#) NodeInterface [0x00000000000000000000000000000000000000C8](#)

Misc

The following contracts are deployed on the Stylus testnet.

Address ArbMulticall2 [0x42aaE78422EF3e8E6d0D88e58E25CA7C7Ecb9D5a](#) [Edit this page](#) Last updatedonMar 22, 2024
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