## SDK support for custom gas token Orbit chains

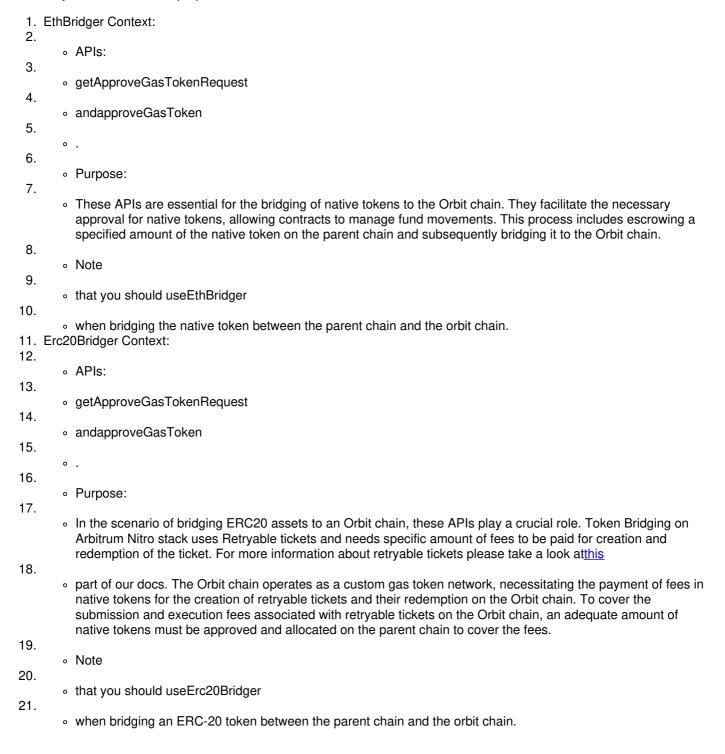
Arbitrum SDK is a TypeScript library for client-side interactions with Arbitrum. It provides common helper functionality as well as access to the underlying smart contract interfaces.

PUBLIC PREVIEW, MAINNET READY Orbit chains are now Mainnet ready! Note that Orbit is still apublic preview capability - the Orbit product and its supporting documentation may change significantly as we capture feedback from readers like you.

To provide feedback, click the Request an update button at the top of this document in the Arbitrum Discord, or reach out to our team directly by completing this form.

## **Custom gas token APIs**

Custom gas token support in the Arbitrum SDK introduces a suite of APIs designed for the specific purpose of facilitatingbridging operations. These APIs are tailored for use cases where there is a need to transfer a native token or an ERC-20 token from the parent chain to an orbit chain utilizing acustom gas token. The process involves an initial step of authorizing the native token on the parent chain. To streamline this, our APIs provide functionalities for token approval and offer a mechanism to verify the current status of this approval. Detailed below is a guide to how each of these APIs can be effectively utilized for distinct purposes:



Note that these APIs are just needed forcustom gas token orbit chains and for ETH-powered rollup and anytrust orbit chains, you don't need to use them.

Note that when native tokens are transferred to the custom gas token orbit chain, they function equivalently to ETH on EVM chains. This means that these tokens will exhibit behavior identical to that of ETH, which is the native currency on EVM chains. This similarity in functionality is a key feature to consider in transactions and operations within the orbit chain.

Note that everything else is under the hood, and the custom gas token code paths will be executed just if the L2Network object config has anative Token field. Edit this page Last updated on Mar 28, 2024 Previous Orbit chain ownership Next Public preview: What to expect