

Band Protocol Documentation

Introduction

Band Protocol is a cross-chain data oracle platform with the aspiration to build high-quality suites of web3 development products. We provides reliable, secure, and real-time data to smart contracts on various blockchain networks. It was designed to address the growing demand for accurate and timely data for blockchain-based applications.

This documentation provides a comprehensive guide to the BandChain protocol, including its architecture, functionalities, client libraries, and tools. It also covers the best practices and use cases for integrating BandChain into your blockchain applications.

Getting Started

Get familiar with BandChain and explore its main concepts.

[#### Introduction to BandChain](#) High-level overview of the BandChain [#### Core Concepts](#) Learn about the core concepts of BandChain, including tokenomics, gas and fees, and more. [#### Products](#) Learn about the products that BandChain offers, including the Standard Dataset and VRF, and more. [#### Developer Guides](#) Learn how to use Band's integration tools to integrate Band's oracle data into your applications. [#### Node & Validators](#) Learn how to run a BandChain node and become a validator to earn rewards.

Development Stack

Check out the docs for the various parts of BandChain's core technical stack.

[#### Cosmos SDK](#) The blockchain framework powering BandChain [#### WebAssembly](#) The standard underpinning BandChain's data oracle script [#### ReScript](#) The core language of ourCosmoScan block explorer

Help & Support

Get in touch with Band Protocol devs and our community.

[#### Developer Discord](#) Chat with Band Protocol Developers on Discord. [#### Telegram Group](#) Join our Telegram group to get support from our team. [#### Found an Issue?](#) Help us improve this page by suggesting edits on GitHub. [Next High-Level Overview](#)