Stylus Rust SDK overview

This section provides an in-depth overview of the features provided by the [Stylus Rust SDK](#) . For information about deploying Rust smart contracts, see the cargo stylus [CLI Tool](#) . For a conceptual introduction to Stylus, see [Stylus: A Gentle Introduction](#) . To deploy your first Stylus smart contract using Rust, refer to the [Quickstart](#) .

The Stylus Rust SDK is built on top of [Alloy](#) , a collection of crates empowering the Rust Ethereum ecosystem. Because the SDK uses the same [Rust primitives for Ethereum types](#) , Stylus is compatible with existing Rust libraries.

The Stylus Rust SDK has been audited in August 2024 at [commit #62bd831](#) by Open Zeppelin which can be viewed [on our audits page](#) .

This section contains a set of pages that describe a certain aspect of the Stylus Rust SDK, like how to work with [variables](#) , or what ways are there to [send ether](#) . Additionally, there's also a page that compiles a set of [advanced features](#) that the Stylus Rust SDK provides.

Finally, there's also a [Stylus by example](#) portal available that provides most of the information included in this section, as well as many different example contracts. [Edit this page](#) Last updatedonJan 27, 2025 [Previous Quickstart](#) [Next Hello World](#)