Introduction to OP Stack Hacks

Welcome to OP Stack Hacks, thehighly experimental region of the OP Stack docs. OP Stack Hacks are an unofficial guide for messing around with the OP Stack. Here you'll find information about ways that the OP Stack can be modified in interesting ways.

OP Stack Hacks create blockchains that aren't exactly OP Stack, and may be insecure. Hacked OP Stack chains can break key invariants that are required to interoperate withthe Optimism Superchain .Developers of chains that wish to interoperate withthe Optimism Superchain shouldnot include any hacks . When in doubt, stick with the official components withithe current release of the OP Stack .

⚠ OP Stack Hacks are explicitly things that you can do with the OP Stack that arenot currently intended for production use.

OP Stack Hacks are not for the faint of heart. You will not be able to receive significant developer support for OP Stack Hacks — be prepared to get your hands dirty and to work without support.

OP Stack Hack Guides

We have curated a list of guides to walk you through different OP stack modules that you can customize as a developer.

- Data Availability Hacks
- Derivation Hacks
- Execution Hacks
- Settlement Hacks
- Featured Hacks

OP Stack Hack Tutorials

We also have a handful of tutorials offering step-by-step instructions on how to make customizations to an OP Stack chain.As a reminder, you will not be able to receive significant developer support for OP Stack Hacks — be prepared to get your hands dirty and to work without support.

- Adding Attributes to the Derivation Function
- Adding A Precompile
- Modifying Predeployed Contracts

Conclusion

Have an OP Stack hack you'd like to share? Want to write an OP stack hack tutorial? Submit your request in ourdocs repo(opens in a new tab) .

Block Explorer Featured Hacks