Developing Cross Chain Dapps

If you haven't read the Wormholeintroduction to understand what Cross Chain Development is and how developers and Dapps can benefit from it, please start there.

VAAs are the core messaging primitive in Wormhole. You can think of them as packets of cross chain data that are emitted any time a cross chain application contract interacts with the Core Contract.

Relayers in the Wormhole context are processes that deliver Verifiable Action Approvals (VAAs) to their destination, playing a crucial role in Wormhole's security model. They can't compromise security, only liveness, and act as delivery mechanisms for VAAs without the capacity to tamper with the outcome.

When building a cross chain application, there are two primary ways to relay messages (VAAs) with Wormhole.

1. Automatic Relaying
2.
    - No off chain code required
3. Specialized Relaying
4.
    - Some off chain code may be required
5.

The components outlined inblue are those that must be implemented by the developer

Automatic Relaying

Automatic Relaying is currently only supported for EVM environments. ?

With Automatic Relaying, only the contracts need to be developed. Leave the message delivery to a service provider.

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Quick Start

Specialized Relayer

?

With Specialized Relaying, the developer can communicate withany blockchain Wormhole supports and has the freedom to choose a delivery strategy.

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More tutorials are availablehere .

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On this page * Automatic Relaying * Specialized Relayer * More

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