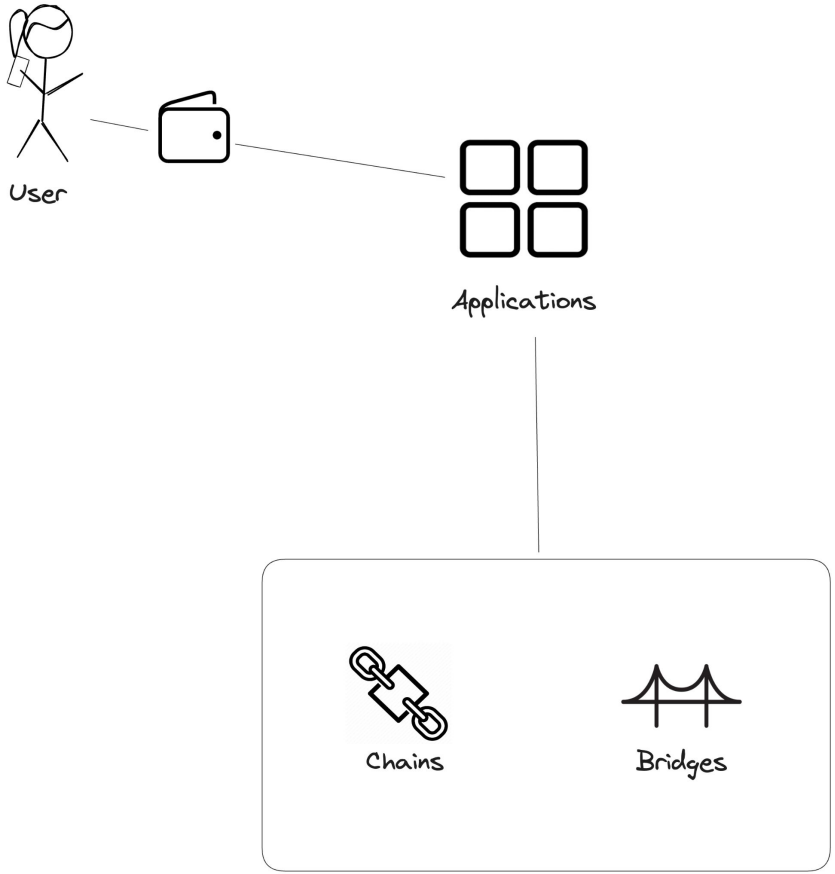
# Chain abstraction is risk abstraction

**Radina Talanova**
L2BEAT

# What is chain abstraction?



# What can go wrong?

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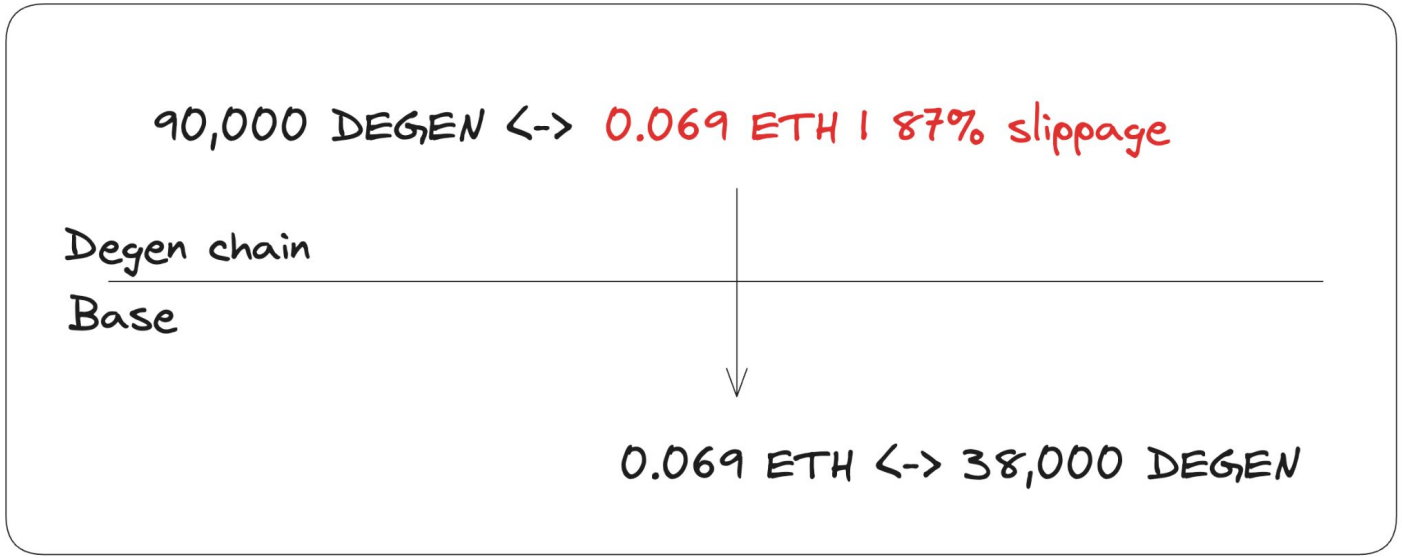
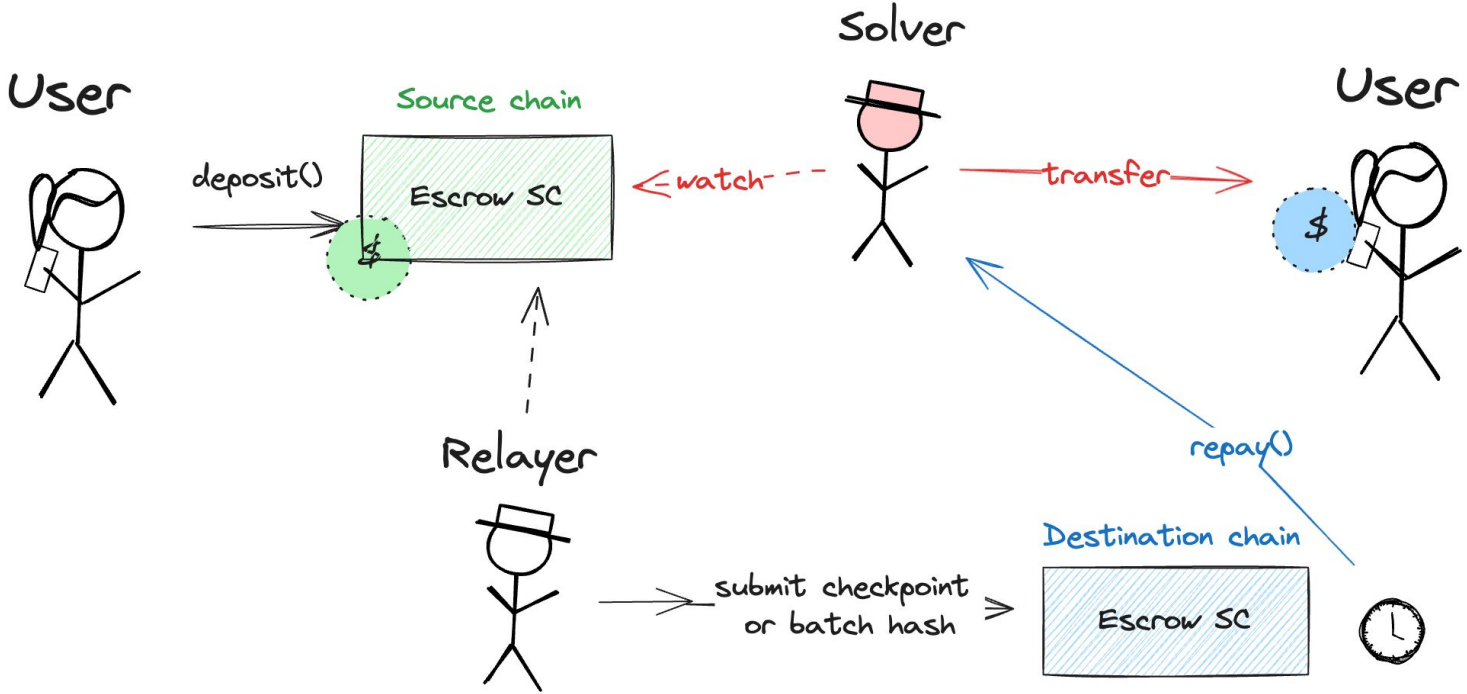


# How can we do abstraction better?

# Intent-based protocols



# Chain-abstracted balances?

**APE** on ApeChain, OFT, IOU

Native/gas token

**Secured by canonical Arbitrum <> ApeChain bridge, LayerZero Omnichain Bridge**

**APE** on Arbitrum, OFT, IOU

0xE7B3A4b51ac8BC603BB041F50092633f5b0C3CC9

**Secured by LayerZero Omnichain Bridge**

**APE** on Ethereum, OFT, IOU

0×02597D0F8B902cdA4FE29695bA2C561FC0f370F6

**Secured by LayerZero Omnichain Bridge**

**APE** on Ethereum, Natively minted

0xab73585fa4D65B68597747F16A425192B4b4d4Af

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# Chain abstraction is risk abstraction

**There are risks that users are not protected from, which can lead to a loss of funds. While users may be unaware of these risks, it’s essential that they are informed.**

# Chain abstraction is risk abstraction

**There are risks that users are not protected from, which can lead to a loss of funds. While users may be unaware of these risks, it's essential that they are informed.**

**There are risks, but users are not the ones who would bear the consequences if these risks materialize. Users can remain unaware of these risks.**

# INSIGHT BY L2BEAT

## **APE** on ApeChain, OFT, IOU | High risk

Native/gas token

**Secured by canonical Arbitrum <> ApeChain bridge, LayerZero Omnichain Bridge**

- Upgrader can steal funds by upgrading the contract. There is no delay on code upgrades
- DVNs + Executor can steal by relaying and executing a malicious message
- LayerZero MS can steal by setting a malicious default security stack

## **APE** on Arbitrum, OFT, IOU

0xE7B3A4b51ac8BC603BB041F50092633f5b0C3CC9

**Secured by LayerZero Omnichain Bridge**

- DVNs + Executor can steal by relaying and executing a malicious message
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## **APE** on Ethereum, OFT, IOU

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## **APE** on Ethereum, Natively minted

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# Thank you!