

Deploy accounts on behalf of users

Argent allows dapps to deploy accounts on behalf of users, enhancing user experience by simplifying the onboarding process.

Step 1: Install StarknetKit

You'll need [StarknetKit](#)

- Version 2.2.7 or newer
- required in order to get the deployment data for an account
- can be installed with `pnpm add starknetkit@next`

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Copy `pnpm add starknetkit@2.2.7`

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Step 2: Retrieve the deployment data

Using this [SNIP](#), your dapp can retrieve the deployment data required to deploy the user's account.

When connecting with starknetkit, use the `wallet` object returned by `connect`.

If an account is already deployed, this will throw an exception (so it will need to be managed on client side)

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Copy `const {wallet, connectorData} = res; await wallet.request({ type: "wallet_deploymentData", })`

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Step 3: Deploy on behalf of the user

Option 1: Now that you have the user's deployment data, you can deploy the account

Option 2: You can use AVNU's paymaster feature to deploy the account at the same time as a paymaster transaction. See [iteration flow](#).

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