Sort and Filter Wallets

Summary

There are a few helper methods you can leverage to sort, filter, remove, or filter and sort wallets. You can call the methods from within thewalletsFilter prop.

The helper methods are:

1. FilterWallets
2. RemoveWallets
3. SortWallets
4. FilterAndSortWallets
5. BYOF (Bring your own function)

Setup

walletsFilter (optional)

To filter and sort wallets, you'll want to use thewalletsFilter prop under settings. You will then use either the one of the helper methods or BYOF to organize your wallet list.

import { DynamicContextProvider, DynamicWidget, FilterWallets} from '@dynamic-labs/sdk-react-core' ; ... . < DynamicContextProvider settings= { { ... walletsFilter: //select the function you want to use to filter and/or sort. } }

Usage

For all examples we mention here, make sure you have the chains enabled in[the dashboard](#) and that you have used[the appropriate walletConnectors](#) in the DynamicContextProvider.

FilterWallets

If you would like to filter out all wallets except for a predefined list, then call the FilterWallets method and include the wallets that you want your users to use:

import { DynamicContextProvider, DynamicWidget, FilterWallets} from '@dynamic-labs/sdk-react-core' ; < DynamicContextProvider settings= { { ... walletsFilter: FilterWallets (['wallet1' , 'wallet2' , 'wallet3' , 'wallet4']) ; } }

SortWallets

The Dynamic SDK has a predefined sorted list of wallets. If you want to change the wallet list to a different ordered list, add a sorted array of the wallets that you want to appear first. The rest of the wallets will keep their current order.

import { DynamicContextProvider , DynamicWidget , SortWallets } from '@dynamic-labs/sdk-react-core' ; < DynamicContextProvider settings = { { ... walletsFilter : SortWallets (['wallet1' , 'wallet2' , 'wallet3' , 'wallet4']) ; } }

FilterAndSortWallets

If you would like to combine the previous two options, then you can use the FilterAndSortWallets method to define the wallets that you want to appear in a specific order.

import { DynamicContextProvider , DynamicWidget , FilterAndSortWallets } from '@dynamic-labs/sdk-react-core' ; ... . < DynamicContextProvider settings = { { ... walletsFilter : FilterAndSortWallets (['wallet1' , 'wallet2' , 'wallet3' , 'wallet4']) ; } }

RemoveWallets

If you want to remove specific wallets from the available list of wallets, you can call the RemoveWallets and specify which wallets you don't want your users to use:

```
import { DynamicContextProvider , DynamicWidget , RemoveWallets } from '@dynamic-labs/sdk-react-core' ; ... . < DynamicContextProvider settings = { { ... walletsFilter : RemoveWallets ( [ 'wallet1' , 'wallet2' , 'wallet3' , 'wallet4' ] ) ; } }
```

FilterChain

If you want to filter out wallets based on whether they support a chain, then you can call FilterChain and specify the chain you want the wallets to support.

```
import { DynamicContextProvider, FilterChain} from '@dynamic-labs/sdk-react-core' ; < DynamicContextProvider settings= { { ... walletsFilter: FilterChain ( 'EVM' ) , // Will only display EVM compatible wallets } }
```

BYOF (Bring Your Own Function)

If the above helper methods are not sufficient, you can design your own function and pass it to walletFilter.

```
< DynamicContextProvider settings= { { ... walletsFilter : ( wallets ) => { return wallets. filter ( ( wallet ) => { return [ 'wallet1' , 'wallet2' ] . includes ( wallet. key ) } ) ; } , } }
```

Combine multiple filters

You can use thepipe function to combine multiple operations to create your wallets filter.

For example, filters by chain, remove wallets and sort.

```
import { DynamicContextProvider, FilterChain} from '@dynamic-labs/sdk-react-core' ; import { pipe} from '@dynamic-labs/utils' ; < DynamicContextProvider settings= { { ... walletsFilter: pipe ( FilterChain ( 'EVM' ) ) . pipe ( RemoveWallets ( [ 'wallet1' ] ) ) . pipe ( SortWallets ( [ 'wallet2' , 'wallet3' ] ) ) , } }
```

Fetch standardized wallet options keys

To find the key of all the wallets options you can output all the keys using the following syntax:

```
import { useDynamicContext} from '@dynamic- labs/ sdk- react- core'; const { walletConnectorOptions} = useDynamicContext ( ) ; console . log ( walletConnectorOptions. map ( ( wallet ) => wallet. key ) ) ;
```

Wallet list tabs

To configure multiple wallet filters, you can use thewallet list tabs feature to define different tabs for users to select.

Was this page helpful?