

Programmatic Setup

How dApp developers can use MetaMask to interact with the Celo network.

Adding a Celo Network to MetaMask

To add a Celo Network to your dApp, you can use MetaMask's RPC API's `wallet_addEthereumChain` method. [See documentation](#)).

Here is a JavaScript snippet you can use:

```
await
window . ethereum . request ( { method :
'wallet_addEthereumChain' , params :
[ < INSERT_NETWORK_PARAMS_HERE
], }); Where it saysINSERT_NETWORK_PARAMS_HERE , please replace with any of the following constants,
depending on which network you'd like to connect to.
```

Mainnet

```
const
CELO_PARAMS
=
{ chainId :
"0xa4ec" , chainName :
"Celo" , nativeCurrency :
{
name :
"Celo" ,
symbol :
"CELO" ,
decimals :
18
} , rpcUrls :
[ "https://forno.celo.org" ] , blockExplorerUrls :
[ "https://explorer.celo.org/" ] , iconUrls :
[ "future" ] , } ;
```

Alfajores

```
const
ALFAJORES_PARAMS
=
{ chainId :
"0xaef3" , chainName :
"Alfajores Testnet" , nativeCurrency :
```

```
{
  name :
    "Alfajores Celo" ,
  symbol :
    "A-CELO" ,
  decimals :
    18
}, rpcUrls :
[ "https://alfajores-forno.celo-testnet.org" ] , blockExplorerUrls :
[ "https://alfajores-blockscout.celo-testnet.org/" ] , iconUrls :
[ "future" ] , } ;
```

Baklava

```
const
BAKLAVA_PARAMS
=
{ chainId :
  "0xf370" , chainName :
  "Baklava Testnet" , nativeCurrency :
  {
    name :
      "Baklava Celo" ,
    symbol :
      "B-CELO" ,
    decimals :
      18
  } , rpcUrls :
  [ "https://baklava-forno.celo-testnet.org" ] , blockExplorerUrls :
  [ "https://baklava-blockscout.celo-testnet.org/" ] , iconUrls :
  [ "future" ] , } ;
```

Adding Tokens (e.g. cUSD, cEUR)

To watch an asset on a Celo network (e.g. cUSD, cEUR) in your dApp, you can use MetaMask's RPC API's `wallet_watchAsset` method. ([See documentation](#)).

Here is a JavaScript snippet you can use:

```
await
window . ethereum . request ( { method :
  "wallet_watchAsset" , params :
  { type :
```

"ERC20" , options :

{ address :

"" , symbol :

"" , decimals :

18 , } , iconUrls :

["future"] , } , }) ; * Where it saysINSERT_ADDRESS_HERE * , please replace with any of the following constants, depending on which network and which asset you'd like to connect to. * Where it saysINSERT_SYMBOL_HERE * , please replace with the correct symbol for the asset you'd like to watch. For Celo Dollars, it'scUSD * and for Celo Euros, it'scEUR * .

tip View available token addresses for Celo assets to add to MetaMask[here](#) . warning We strongly suggest that you disable your dApp's functionality when MetaMask is connected to a non-Celo network. MetaMask has an API for determining what network/chain you're connected to.[See here](#) for more documentation around that.[Edit this page](#) [Previous Celo Wallets](#) [Next MetaMask and Celo](#)