

## Frontend Interacting with Multiple Contracts

This example showcases how to interact with multiple contracts from a single frontend.

Particularly, this example shows how to:

1. Query data from multiple contracts.
2. Call methods in multiple contracts simultaneously.

## Query Data from Multiple Contracts

To query multiple contracts simply perform `multipleview` calls:

frontend/index.js loading ... [See full example on GitHub](#)

## Dispatching Multiple Transactions

The wallet object enables to dispatch multiple transactions simultaneously. However, please notice that the transactions execute independently.

Dispatching multiple transactions at once is just a nice way to improve UX, because the user interacts with the wallet only once.

frontend/index.js loading ... [See full example on GitHub](#) In this example, the user signs two independent transactions:

1. A transaction to call `set_greeting`
2. in our [Hello NEAR example](#)
3. A transaction to call `add_message`
4. in our [GuestBook example](#)

caution Even when the user accepts signing the transactions at the same time, the transactions remain independent . This is, if one fails, the other is NOT rolled back.

## Batch Actions

You can aggregate multiple [actions](#) directed towards a same contract into a single transaction. Batched actions executes sequentially , with the added benefit that, if one fails then they all get reverted.

```
// Register a user and transfer them FT on a single take const
```

REGISTER DEPOSIT

$$=$$

"12500000000000000000000000" :

```
const ftTx =
```

```
{ receiverId :
```

FT ADDRESS , actions :

```
[ { type :
```

```
'FunctionCall' , params :
```

```
{ methodName :
```

```
'storage deposit', args :
```

{

account id :

■■ ■■

```
} , gas :
```

THIRTY TGAS.

deposit :

REGISTER\_DEPOSIT } } , { type :

'FunctionCall' , params :

{ methodName :

'ft\_transfer' , args :

{

receiver\_id :

"" ,

amount : amount\_in\_yocto } , gas :

THIRTY\_TGAS ,

deposit :

1

} } ] }

// Ask the wallet to sign and send the transaction await wallet . signAndSendTransactions ( {

transactions :

[ ftTx ]

} ) [Edit this page](#) Last updated on Feb 9, 2024 by gagdiez Was this page helpful? Yes No

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