Merchant QR Demo

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Demo

A Simple Static QR Code demo payment flow:

Customer → Scan QR Code → Enter Price → Pay Merchant → Release Goods

Assumptions:

- Pre generated static QR code that encodes a Merchant ID
- No Merchant Registry: just a reuse our existing oracle

Example QR Scheme

https://github.com/mojaloop/contrib-mojawallet-demo/blob/master/DEMO.md

Description

The QR Code payload is a JSON object containing the following:

- A key of `PartyIdType` and value from the `PartyIdType Enum`

- A key of `PartyIdentifier` and a value of type `string`

- An optional JSON value pair with the name `PartySubIdOrType` and a value of type `string`

```
{
  "PartyIdType": string, (actually this could be more strict)
  "PartyIdentifier": string,
  "PartySubIdOrType": optional string
}
```

Example QR Scheme

https://github.com/mojaloop/contrib-mojawallet-demo/blob/master/DEMO.md

for example,

A basic Merchant identifier with a Business's Phone number

```json
{
  "PartyIdType": "BUSINESS",
  "PartyIdentifier": "04404400404"
}
```

This correlates to a Mojaloop `GET /parties` request of:
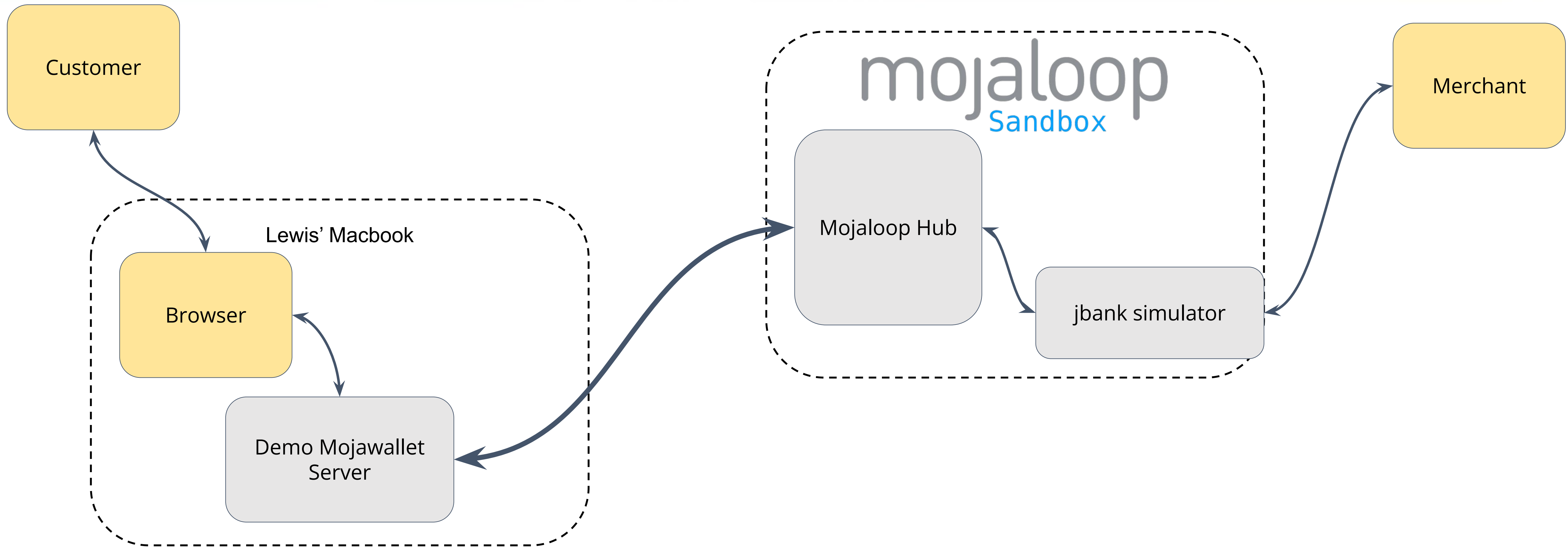
```
GET /parties/BUSINESS/04404400404
```

Example QR Scheme

This JSON is then "stringified", whitespace removed, and then encoded into a QR Code:

```
{
  "PartyIdType": "BUSINESS",
  "PartyIdentifier": "0412345678",
}
```

Demo Environment

Thank you!

Comments/Questions?