

## Resources

At this section, you may find resources or sample apps, that able to help you kickstart your project faster.

### Sample Apps

#### **DuitNow Merchant eCommerce**

Simple Java application to demonstrate end-to-end online purchase from merchant initiation, customer account debiting and fund crediting to receiving agent.

 [Download resources](#)

#### **DuitNow Message Signature**

Java application for user to self-check on how to generate and verify the DuitNow Online Banking API message signature.

 [Download resources](#)

#### **DuitNow Batch File Signature**

Java application for user to self-check on how to generate and verify the DuitNow Online Banking batch file message signature.



[Download resources](#)

## Libraries



### DOBW Message Signature

Ready Java SDK providing methods for DuitNow Online Banking API message signing and verification.



[Download resources](#)

## Community Libraries

Please find some of the contributed libraries from the community. If you wish to contribute your own library too, please reach out to our support team to add it to this list.



### INFO

Note that the libraries here are not officially supported by PayNet. PayNet will not be able to provide assistance on using these libraries or guarantee that they will be kept up-to-date with all the changes.



### Message Signature SDK

Ready Node.js SDK providing methods for DuitNow Online Banking API message signing and verification.



[Download resources](#)



### **Message Signature SDK**

Ready PHP SDK providing methods for DuitNow Online Banking API message signing and verification.



[Download resources](#)



### **Message Signature SDK**

Ready C# SDK providing methods for DuitNow Online Banking API message signing and verification.



[Download resources](#)



### **Message Signature SDK**

Ready Python SDK providing methods for DuitNow Online Banking API message signing and verification.



[Download resources](#)



### **Retrieve Bank List SDK**

Ready Java SDK for DuitNow Retrieve Bank List API service with end-to-end API payload construction, message signing and verification, and API handling.



[Download resources](#)

## Simulators



### DuitNow Online Banking Merchant Simulator

Testing simulator to help user to initiate transaction as and from a merchant to redirect to your internet banking site.

[Run Simulator →](#)



### DuitNow Online Banking Bank Simulator

Bank Simulator use to simulate DA during the request to pay flow. Merchants may use this to test prior to testing against real banks.

[Run Simulator →](#)



### DuitNow Online Banking Webhook Simulator

Simulator with different configurations to assist participant in testing different use cases.

[Run Simulator →](#)



### DuitNow AutoDebit Merchant Simulator

Testing simulator to help user to initiate consent as and from a merchant to redirect to your internet banking site.

[Run Simulator →](#)

#### **DuitNow AutoDebit Bank Simulator**

Bank Simulator use to simulate DA during the consent flow. Merchants may use this to test prior to testing against real banks.

[Run Simulator →](#)