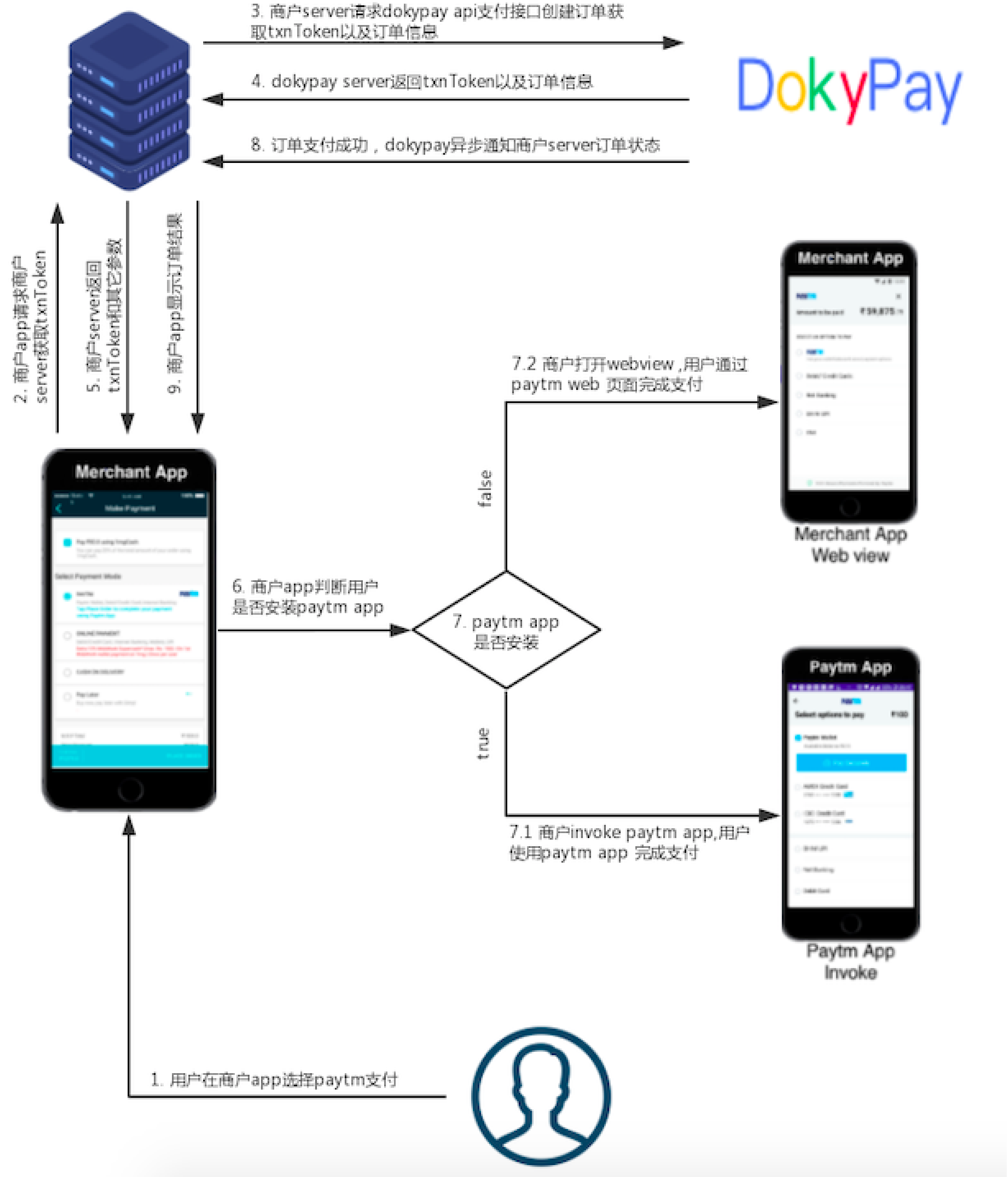
Paytm Invoke Flow


3. 商户server请求dokypay api支付接口创建订单获取txnToken以及订单信息
4. dokypay server返回txnToken以及订单信息
8. 订单支付成功，dokypay异步通知商户server订单状态
DokyPay
2. 商户app请求商户server获取txnToken
5. 商户server返回txnToken和其它参数
9. 商户app显示订单结果
Merchant App
6. 商户app判断用户是否安装paytm app
7. paytm app是否安装
false
true
7.2 商户打开webview ,用户通过paytm web 页面完成支付
Merchant App
Merchant App Web view
7.1 商户invoke paytm app,用户使用paytm app 完成支付
Paytm App
Paytm App Invoke
1. 用户在商户app选择paytm支付

- 1. 用户在商户app选择paytm支付
- 2. 商户app通过商户服务器获取txnToken等参数
- 3. 商户服务器通过dokypay API支付接口获取txnToken以及订单信息
- 4. dokypay 验证商户请求并返回txnToken以及订单信息
- 5. 商户服务器返回 txnToken, mid, orderid, amount参数给商户app

- 6. 商户app将 txnToken, mid, orderid, amount 提交paytm 处理请求
- 7. 商户app验证用户是否安装paytm app
    - 1). 如果用户安装paytm app, 用户通过paytm app完成支付
    - 2). 如果用户未安装paytm app, 商户需要打开webview,让用户通过paytm web页面完成支付
- 8. 用户支付成功，dokypay发送异步通知，通知商户服务器订单状态
- 9. 商户服务器验证订单状态，通知商户app,展示订单结果

API

1. 创建订单

请求地址

- 生产环境
- https://gateway.dokypay.com/clientapi/unifiedorder
- 测试环境
- https://gatewaybeta.dokypay.com/clientapi/unifiedorder

请求参数

> *其它参数说明请参考dokypay api 文档（API 方式支付接口）*

字段	说明	类型	长度	必填
pmId	固定值 paytm.invoke	String	--	yes

```
{
    "amount": "10",
    "appId": "{{paymentApp}}",
    "currency": "INR",
    "description": "dokypay test",
    "merTransNo": "{{merTransNo}}",
    "notifyUrl": "https://replybeta.dokypay.com/notify",
    "prodName": "southeast.asia",
    "returnUrl": "https://replybeta.dokypay.com/notify",
    "version": "1.0",
    "pmId": "paytm.invoke",
    "extInfo": {
        "payerName": "test",
        "payerEmail": "test@163.com",
        "payerMobile": "7777777777"
    },
    "sign": "{{sign}}"
}
```

响应参数

> *以下参数会额外返回，其它参数说明请参考dokypay api文档（[API 方式支付接口]）*

字段	说明	类型	长度	必填
mid	dokypay在paytm的唯一商户id	String	--	yes
orderid	dokypay在paytm的订单id	String	--	yes
txnToken	当前订单唯一标识	String	--	yes

```
{
    "data": {
        "amount": "10",
        "currency": "INR",
        "doing": "param",
        "merTransNo": "dokypay-1566118951180",
        "message": "success",
        "mid": "LTMNVB07467618698062",
        "orderid": "19081817032937801047492O",
        "processAmount": "10.00",
        "processCurrency": "INR",
        "resultCode": "0000",
        "sign": "143272d4e259d4763485d7e82f73fac25ff007f3h",
        "tradeNo": "2019081817032933801047442З",
        "txnToken": "4011e74dbeb643b582f42ca84d2e6a5615661190809"
    },
    "code": "200",
    "msg": "OK",
    "timestamp": "1566119009910"
}
```

2. 处理请求

请求地址

- 生产环境
- https://securegw.paytm.in/theia/api/v1/showPaymentPage?mid=&orderId=
- 测试环境
- https://securegw-stage.paytm.in/theia/api/v1/showPaymentPage?mid=&orderId=
- 请求类型：Post

请求参数

字段	说明	类型	长度	必填
MID	dokypay在paytm的唯一商户id (mid)	String	--	yes
txnToken	订单唯一标识	String	--	yes
ORDER_ID	dokypay在paytm的订单id (orderid)	String	--	yes

Paytm App Invoke Android

> *Inputs from client:*

> - *1. amount – 订单金额*
> - *2. orderid – dokypay在paytm的订单id*
> - *3. txnToken – 订单唯一标识*
> - *4. mid – dokypay在paytm的唯一商户id*

> *Parameters passed to client:*

> - *1. Result Code – Success/Failure, Cancel Transaction, Invalid Input Parameters (See below)*
> - *2. Message – General message to explain above Result Code*
> - *3. Response – JSON response of transaction done. Merchant need to parse the JSON to know whether transaction was successful or Failure*

> *Result Codes:*

> - *0 – Cancel Transaction*
> - *1 – Success/Failure*
> - *100 – Invalid Input Parameters*

> *Code Snippet for integration:*

> - *1. Create Intent to open Paytm Activity on Merchant App,if not installed Paytm app,webview post data to postUrl,then redirect to payment webpage*

> ```
> try{
> ```

```
Intent paytmIntent = new Intent();
Bundle bundle = new Bundle();
bundle.putDouble("nativeSdkForMerchantAmount", amount);
bundle.putString("orderid", orderid);
bundle.putString("txnToken", txnToken);
bundle.putString("mid", mid);
paytmIntent.setComponent(new ComponentName("net.one97.paytm",
"net.one97.paytm.AJRJarvisSplash"));
paytmIntent.putExtra("paymentmode", 2); // You must have to pass hard coded
2 here, Else your transaction would not proceed.
paytmIntent.putExtra("bill", bundle); startActivityForResult(paytmIntent,
ActivityRequestCode);
**ActivityRequestCode to be defined by merchant.
}catch(ActivityNotFoundException e){
//In case of Paytm app not installed, kindly handle
ActivityNotFoundException occurred while invoking Paytm Activity.
    StringBuilder postData = new StringBuilder();
    postData.append("MID=")
              .append(mid)
              .append("&txnToken=")
              .append(txnToken)
              .append("&ORDER_ID=").append(orderid);
    webView.postUrl(postUrl + "?mid=" + mid + "&orderId=" + orderid,
                    postData.toString().getBytes());
}
```

- *2. Receive output parameters in onActivityResult:*

```
@Override
protected void onActivityResult(int requestCode, int resultCode, Intent
data) {
if (requestCode == ActivityRequestCode && data != null) {
Toast.makeText(this, data.getStringExtra("nativeSdkForMerchantMessage") +
data.getStringExtra("response"), Toast.LENGTH_SHORT).show(); }
}
```

Paytm App Invoke IOS

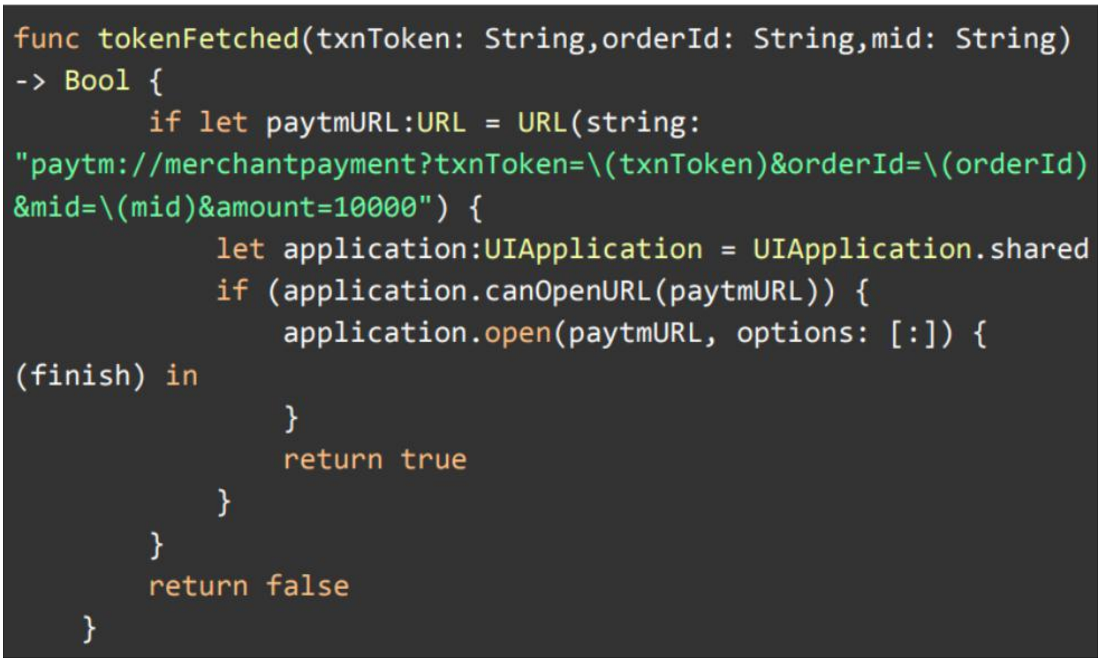
Inputs from client:

- *1. amount – 订单金额*
- *2. orderid – dokypay在paytm的订单id*
- *3. txnToken – 订单唯一标识*
- *4. mid – dokypay在paytm的唯一商户id*

–

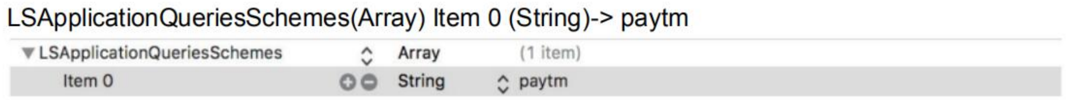
> *Code Snippet for integration:*

- *1. Merchant call Paytm deeplink ("paytm://merchantpayment?txnToken=(T)&orderId=(orderId)&mid=(mid)&amount=(amount)")*



```
func tokenFetched(txnToken: String,orderId: String,mid: String)
-> Bool {
        if let paytmURL:URL = URL(string:
"paytm://merchantpayment?txnToken=\(txnToken)&orderId=\(orderId)
&mid=\(mid)&amount=10000") {
            let application:UIApplication = UIApplication.shared
            if (application.canOpenURL(paytmURL)) {
                application.open(paytmURL, options: [:]) {
(finish) in
                }
                return true
            }
        }
        return false
    }
```

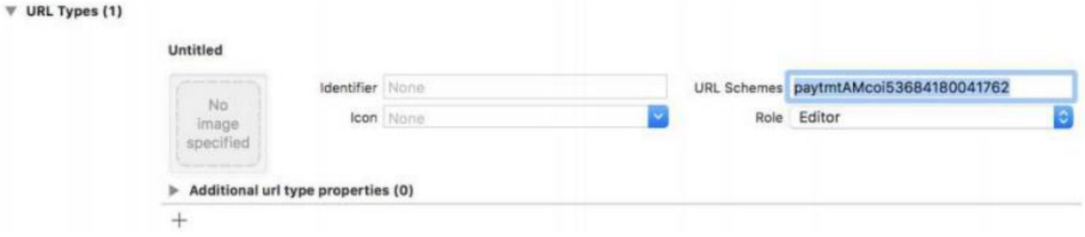
- *2. Add Following entries in Info.plist*



LSApplicationQueriesSchemes(Array) Item 0 (String)-> paytm

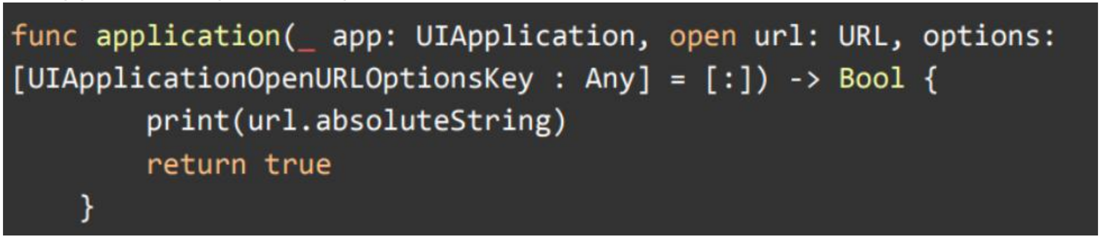
```
▼ LSApplicationQueriesSchemes    Array    (1 item)
    Item 0                       String   paytm
```

- *3. Add URL Scheme "paytm"+"mid"*



```
▼ URL Types (1)
  Untitled
  Identifier  None              URL Schemes  paytmtAMcoi53684180041762
  Icon        None              Role         Editor
  ▶ Additional url type properties (0)
```

- *4. Getting Response from Paytm*
  Client will get the response in Appdelegate Method.
  func application(_ app: UIApplication, open url: URL, options: [UIApplicationOpenURLOptionsKey : Any] = [:]) -> Bool



```
func application(_ app: UIApplication, open url: URL, options:
[UIApplicationOpenURLOptionsKey : Any] = [:]) -> Bool {
        print(url.absoluteString)
        return true
    }
```