



ReactNative - Tosspayments 결제 샘플 앱

React Native(RN)앱에서 웹뷰를 이용해 토스페이먼츠 결제창을 빠르게 띄워볼 수 있는 샘플 앱(onePage) 가이드입니다.

** 웹뷰에 사용할 토스페이먼츠 결제창은 아래 docs를 참고해 직접 구현 (<https://docs.tosspayments.com/>)

1. 사전 세팅

React Native Plugin Setup



아래 플러그인 추가 설치

- react-native-webview | 웹뷰 플러그인
(설치: `npm install react-native-webview`)
- react-native-send-intent | 안드로이드 Intent 핸들링 플러그인
(설치: `npm install react-native-send-intent`)

Android Setup

- 3rd-party 호출을 위한 package name 세팅

```
<queries>
  <!-- 앱카드 -->
  <package android:name="com.shcard.smartpay" />
  <package android:name="com.shinhancard.smartshinhan" />
  <package android:name="com.hyundaicard.appcard" />
  <package android:name="com.lumensoft.touchenappfree" />
  <package android:name="kr.co.samsungcard.mpocket" />
  <package android:name="nh.smart.nhallonepay" />
  <package android:name="com.kbcard.cxh.appcard" />
  <package android:name="com.kbstar.liivbank" />
  <package android:name="com.kbstar.kbbank" />
  <package android:name="com.kbstar.reboot" />
  <package android:name="kvp.jjy.MispAndroid320" />
  <package android:name="com.lcacApp" />
  <package android:name="com.hanaskcard.paycla" />
  <package android:name="kr.co.hanamembers.hmscustomer" />
  <package android:name="kr.co.citibank.citimobile" />
  <package android:name="com.wooricard.wpay" />
  <package android:name="com.wooricard.smartapp" />
  <package android:name="com.wooribank.smart.npib" />
  <package android:name="viva.republica.toss" />
  <!-- 간편결제 -->
  <package android:name="com.nhnent.payapp" />
  <package android:name="com.ssg.serviceapp.android.egiftcertificate" />
  <package android:name="com.kakao.talk" />
  <package android:name="com.nhn.android.search" />
  <package android:name="com.lotte.lpay" />
  <package android:name="com.lottemembers.android" />
  <package android:name="com.samsung.android.spay" />
  <package android:name="com.samsung.android.spaylite" />
  <package android:name="com.lge.lgpay" />
  <!-- 백신리스트 -->
  <package android:name="com.TouchEn.mVaccine.webs" />
  <package android:name="kr.co.shiftworks.vguardweb" />
  <package android:name="com.ahnlab.v3mobileplus" />
</queries>
```

iOS Setup

- 3rd-party 호출을 위한 app scheme 세팅

```
<key>LSApplicationQueriesSchemes</key>
<array>
  <string>kftc-bankpay</string>
  <!-- 계좌이체 -->
  <string>ispmobile</string>
  <!-- ISP모바일 -->
  <string>itms-apps</string>
  <!-- 앱스토어 -->
```

```

<string>hdcardappcardansimclick</string>
<!-- 현대카드-앱카드 -->
<string>hyundaicardappcardid</string>
<!-- 현대카드-공인인증서 -->
<string>shinhan-sr-ansimclick</string>
<!-- 신한카드-앱카드 -->
<string>smshinhanansimclick</string>
<!-- 신한카드-공인인증서 -->
<string>kb-acp</string>
<string>kb-auth</string>
<!-- 국민카드-앱카드 -->
<string>mpocket.online.ansimclick</string>
<!-- 삼성카드-앱카드 -->
<string>ansimclickscard</string>
<string>ansimclick</string>
<!-- 삼성카드-온라인결제 -->
<string>ansimclickipcollect</string>
<!-- 삼성카드-온라인결제 -->
<string>vguardstart</string>
<!-- 삼성카드-백신 -->
<string>samsungpay</string>
<!-- 삼성카드-삼성페이 -->
<string>scardcertiapp</string>
<!-- 삼성카드-공인인증서 -->
<string>lottesmartpay</string>
<!-- 롯데카드-모바일결제 -->
<string>lotteappcard</string>
<!-- 롯데카드-앱카드 -->
<string>cloudpay</string>
<!-- 하나카드-앱카드 -->
<string>nhappcardansimclick</string>
<!-- 농협카드-앱카드 -->
<string>nonghyupcardansimclick</string>
<!-- 농협카드-공인인증서 -->
<string>citispay</string>
<!-- 씨티카드-앱카드 -->
<string>citicardappkr</string>
<!-- 씨티카드-공인인증서 -->
<string>citimobileapp</string>
<!-- 씨티카드-간편결제 -->
<string>kakaotalk</string>
<!-- 카카오톡 -->
<string>payco</string>
<!-- 페이코 -->
<string>lpayapp</string>
<!-- 롯데 L페이 -->
<string>hanamopmoasign</string>
<!-- 하나카드 공인인증앱 -->
<string>com.wooricard.wcard</string>
<!-- 우리페이 -->
<string>nhalonepayansimclick</string>
<!-- NH 올원페이 -->
<string>hanawalletmembers</string>
<!-- 하나카드(하나멤버스 월렛) -->
<string>chaipayment</string>
<!-- 차이앱 -->
<string>lguthepay-xpay</string>
<!-- 페이나우 -->

```

```

<string>liivbank</string>
<!-- 리브모바일 -->
<string>lmslpay</string>
<string>lpayapp</string>
<!-- L.pay -->
<string>newsmartpib</string>
<!-- 우리WON뱅킹 -->
</array>

```

2. 샘플 소스

```

import type {Node} from 'react';
import { Linking, Platform } from 'react-native';
import { WebView } from 'react-native-webview';
import { ShouldStartLoadRequest } from "react-native-webview/lib/WebViewTypes";
import SendIntentAndroid from "react-native-send-intent";

const App: () => Node = () => {
  const onShouldStartLoadWithRequest = (event: ShouldStartLoadRequest): boolean => {

    // 웹뷰에서 표시가능한 URL일 경우
    if (event.url.startsWith("http://") || event.url.startsWith("https://") ||
        event.url.startsWith("about:blank")){return true;}

    // android 경우
    if (Platform.OS === "android") {
      SendIntentAndroid.openAppWithUri(event.url)
        .then((isOpen: boolean) => {
          if (!isOpen) {
            alert("앱 실행에 실패했습니다");
          }
          return false;
        }).catch((err: any) => {
          console.log(err);
        });
    }

    // iOS 경우
    }else if(Platform.OS ==="ios"){
      Linking.openURL(event.url).catch((err) => {
        alert("앱 실행에 실패했습니다.");
      });
      return false;
    }
    return false;
  };

  return (
    <WebView
      useWebkit
      onShouldStartLoadWithRequest={onShouldStartLoadWithRequest}
      style={{ flex: 1 }}
    />
  );
};

```

```
      javascriptEnabled={true}
      originWhitelist={['*']}
      source={{ uri: '#####결제 URL#####' }}
    />
  );
};

export default App;
```