



REDDE MERCHANT CHECKOUT

DOCUMENTATION GUIDE

DOCUMENT DETAILS

Document Name	REDDE MERCHANT CHECKOUT DOCUMENTATION GUIDE
Author	Kwame Oteng Appiah-Nti
Reviewer	Stephen Adjei-Kyei
Version	V 1.0.0
Release Date	April 24, 2019
Target Audience	Developers using the Redde Checkout Payment Services

Copyrights & Disclaimer Note

Copyright © 2019 **Wigal Solutions Ltd**. All rights reserved.
Redde Checkout Documentation Guide for Merchant & Developers, April,
2019. Version-1.0.0

Wigal Solutions reserves the right to make changes in the design or software components of the Redde product to meet the continuous improvements required. Specifications and upgrades are subject to change without notice.

Changes made in this publication as part of any design change or upgradation will be incorporated in new editions of the guide.

The software described in this document is furnished under a license agreement, and may be used or copied only in accordance with the terms thereof. It is therefore illegal to copy the software on any other medium, except as specifically provided in the license agreement.

No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, photocopied, electronic, mechanical, recorded or otherwise, without the prior written permission of Wigal Solutions Ltd.

All product names mentioned in this guide are for identification purposes only, and are either trademarks or registered trademarks of their respective owners.

Please send your comments and suggestions to:
redde@reddeonline.com or info@wigalsolutions.com
Washing Bay, off the Adentan - Ashiyie Road
VV 123 Valley View Oyibi
Adenta – Accra.

Content

DOCUMENT DETAILS	1
Copyrights & Disclaimer Note	2
Content	3
1. Introduction	4
About this Guide	4
Intended Audience.....	4
2. Implementing the Checkout system	5
API Key:	5
Approval	5
Status Responses:.....	5
Supported Channels	5
Callbacks.....	6
3. Customer API (Checkout)	7
Initiate an online checkout by Merchant	7
Endpoint: POST	7
Header data.....	7
Payload Description.....	7
Sample Payload:	8
Sample Response: Checkout Initiation	9
4. Check status of checkout transaction with ID	11
Endpoint: GET	11
Header data.....	11
Url Parameter.....	11
Sample Response for checkout transaction status.....	11
End of Checkout API	12

1. Introduction

About this Guide

REDDE MERCHANT CHECKOUT: A Checkout system that simplifies the way your customers pay money on your platforms. This document is intended to provide information and instruction for understanding and implementing the Redde Checkout feature into Merchants or developers own applications.

Intended Audience

This document will help developers to integrate the Redde Checkout feature with a little step and also help merchants know the benefits of using the checkout feature.

2. Implementing the Checkout system

API Key:

Before you can have access to APIs you need to register and create an [Account](#). Header for all request should have `{"apikey": "string"}`; and this API key will be sent to merchant when their app configuration is setup for them by Wigal Solutions Ltd.

Approval

One will be given access to modify their API callbacks once they are approved to do so. To be approved, one needs to upload their Genuine details to the Account Profile Section under the Account Page. And complete the Business Information and contacts, Primary Contact Person and Documentation pages. Upon successful review by the Redde Team, approval will be granted.

Status Responses:

For more information on status response check it out on the Rest API Docs [page](#)

Supported Channels

1. MTN
2. AIRTELIGO
3. VODAFONE
4. MASTERCARD
5. VISA

Callbacks

You need to setup your callback URL for the apps we create for you on Redde

1. Login to your Redde [account](#).
2. Click on the Apps link on the navigation bar.
3. You will see your list of apps in a table. Click on the modify button.
4. Add your callback url(s) for both the Receive Callback URL and Cash Out Callback URL.
5. Apply changes and you are all set.

3. Customer API (Checkout)

Initiate an online checkout by Merchant

Gather amount and description from client or customer on your site where you have implemented the Redde Checkout and set your site details

Endpoint: POST

```
https://api.reddeonline.com/v1/checkout/
```

Header data

Field/parameter	Value	Required	Description
Content-type	Application/json;charset=UTF-8	Yes	This is needed to encode to UTF-8

Payload Description

Field/parameter	Value	Required	Description
Apikey	String	Yes	Will be given by Wigal when the app is setup
appid	Characters	Yes	Will be given by Wigal when the app is setup
amount	Number	Yes	Amount of items purchased
description	String	Yes	Description of items purchased
logolink	url	Yes	Merchant's logo for displaying on checkout page
merchantname	String	Yes	Merchant's name for displaying on checkout page
clienttransid	String	Yes	Transaction id generated by Merchant to check client's payment
successcallback	url	Yes	A callback url to redirect client when payment transaction has been successful
failurecallback	url	Yes	A callback url to redirect client when payment transaction has failed

Sample Payload:

```
Payload:{  
  
  "amount": 10,  
  
  "apikey": "XXXXXXXXXXXXXXXXXXXXXXXXXXXX",  
  
  "appid": XX,  
  
  "description": "Buying something from Merchant Name Limited",  
  
  "failurecallback": "https://www.example.com/failure",  
  
  "logolink": "http://example.com/logo.png",  
  
  "merchantname": "Merchant Name Limited",  
  
  "clienttransid": "102474",  
  
  "successcallback": "https://example.com/success"  
  
}
```

JSON

Sample Response: Checkout Initiation

After a successful initiation a checkout url will be given for transaction to be processed. Merchant will have to redirect client this url.

```
Response: Success Initiation{
```

```
  "status": "OK",
```

```
  "reason": "Checkout Initiation accepted",
```

```
  "referenceid": "102474",
```

```
  "responsetoken": "M7M9yLhyKa18q4JjASQq4=",
```

```
  "checkouturl": "https://checkout.reddeonline.com?token=M7M9yLhyKQq4%3D",
```

```
  "checkouttransid": 54
```

```
}
```

```
Response: Failure Initiation{
```

```
  "status": "FAILED",
```

```
  "reason": "APP ID:1 cannot be found",
```

```
  "referenceid": null,
```

```
"responsetoken": null,
```

```
"checkouturl": null,
```

```
"checkouttransid": null
```

```
}
```

JSON

4. Check status of checkout transaction with ID

Endpoint: GET

```
https://api.reddeonline.com/v1/checkoutstatus/{checkouttransid}
```

Header data

Field/parameter	Value	Required	Description
Apikey	string	Yes	Merchant api key given to you by wigal
Appid	characters	Yes	Merchant app id given to you by wigal
Content-type	Application/json;charset=UTF-8	Yes	This is needed to encode to UTF-8

Url Parameter

Field/parameter	Value	Required	Description
checkouttransid	number	yes	transaction id from checkout initiation

Sample Response for checkout transaction status

```
Response:{  
  
  "status": "PAID",  
  
  "reason": "Successfully processed transaction.",  
  
  "transactionid": 414494,  
  
}
```

```
"clienttransid": "102486",  
  
"clientreference": "REDDE-CHECKOUT-72",  
  
"statusdate": "2019-05-15 12:02:13.732",  
  
"brandtransid": "5865016103"  
  
}
```

JSON

[End of Checkout API](#)