

Functional API Document

docdata payments

Contents

1.	Introduction	3
2.	Connecting to the Payment Menu	4
3.	Styling Options.....	5
3.1.	Header and Footer.....	5
3.2.	Cart content and order amounts	5
3.3.	Default Stylesheets.....	7
3.4.	Country selection	7
3.5.	Language selection.....	7
3.6.	Use of default_pm and default_act in the menu.....	7
4.	Backoffice Settings.....	10

docdata payments

1. Introduction

This document describes the different styling options and functionalities which are possible within the payment menu of Docdata Payments.

2. Connecting to the Payment Menu

The payment menu can be called in combination with at least two of the following six parameters. These parameters are described in the table below:

Number	Parameter name	Required	Description
1	Payment_cluster_key	yes	This is the value that is returned by the create paymentOrder call as described in Prerequisites.
2	Merchant_name	Yes	This is your merchant name as used in all Docdata Payments communication.
3	Return_url_success	No	The URL that your client will be redirected to after a successful payment.
4	Return_url_canceled	No	The URL that your client will be redirected to after a payment has been canceled.
5	Return_url_pending	No	The URL that your client will be redirected to after the payment menu was accessed for a pending payment.
6	Return_url_error	No	The URL that your client will be redirected to after an error has occurred.
7	Client_language	No	The 2-letter ISO language code, will display the menu in the language you have specified.

The new menu can be called at:

<https://secure.docdatapayments.com/ps/menu> <https://test.docdatapayments.com/ps/menu>

An example of a redirectURL is:

```
https://www.docdatapayments.com/ps/menu?payment_cluster_key=71442C6A656A74726F72206&merchant_name=exampleMerchant&return_url_success=http://www.your-webshop.com/success.html&return_url_pending=http://www.your-webshop.com/pending.html&return_url_canceled=http://www.yourwebshop.com/canceled.html
```

3. Styling Options

The payment menu consists of a central payment method selection component, an order information and pricing component and a header and footer. Cascading stylesheets with dedicated merchant header and footer will give merchants more styling options to ensure the payment takes place in an environment that mirrors the web shop in design.

Header and Footer

This feature gives merchants more design options. To use this, HTML fragments need to be provided to the Docdata Payments Customer Service who will, after validation, upload the fragments to your merchant account. The fragments need to be provided with strict adherence to HTML conventions and should be limited in the use of java scripting. This feature allows you to avoid using the menu in an iFrame, which is not accepted by PayPal and iDEAL, by displaying your own shop's header and footer information. Some restrictions regarding Java scripting apply, please ask your support representative for more information.

Cart content and order amounts

A second feature (to be used in combination with our Order-API) will show the content of the order (including product images, which are however not available during testing) to the right of the payment method selection component. To use this feature, please pass along the full order item information in your Payment Order. See below an example of the full item information.

Request

```
<invoice>
  <totalNetAmount currency="EUR">3000</totalNetAmount>
  <totalVatAmount rate="21"
currency="EUR">210</totalVatAmount>
  <totalVatAmount rate="6"
currency="EUR">120</totalVatAmount>
  <item number="1">
    <name>Kingston microSD kaart 32GB</name>
    <code>SDC4/4GB-2ADP</code>
    <quantity unitOfMeasure="PCS">1</quantity>
    <description>Kingston microSD kaart 32GB met
adapter</description>
    <image>http://www.google.nl/images/srpr/logo3w.png</
image>
    <netAmount currency="EUR">1000</netAmount>
    <grossAmount currency="EUR">1210</grossAmount>
    <vat rate="21">
      <amount currency="EUR">210</amount>
    </vat>
    <totalNetAmount currency="EUR">1000</totalNetAmount>
    <totalGrossAmount
currency="EUR">1210</totalGrossAmount>
    <totalVat rate="21">
      <amount currency="EUR">210</amount>
    </totalVat>
  </item>
```

Explanation and requirements (See XSD and XSD type definition)

As part of the **<invoice>** element the request information is used in the One Page Checkout to display the product information to the shopper on the payment menu.

1. Item numbers are integers adding up by 1 for each item.

2. Ensure to correctly calculate **<netAmount>** and **<grossAmount>** as for AfterPay and Klarna Invoice this is subject to the risk check process.










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Example of the payment menu with on the right hand side the option to show the full cart and the calculation of the costs of the items

Your payment to ddp testshop.

Welcome to the payment menu, please select your payment method from the available options below.

Please select your payment method

-  Paysafecard
-  American Express
-  iDEAL
-  MasterCard
-  Visa
-  Bank transfer
-  Klarna Account
-  PayPal
-  Giropay

Pay safely



You are paying through a secure connection. Your data is encrypted and is not visible to others. For more information about secure payments, see www.docdatapayments.com/en.

Transaction information

Transaction reference
11082015742

Description
default transaction

Pricing

Total amount € 33.30

Remaining amount € 33.30










[Order pricing](#) →



By clicking on 'Order pricing' the amount to be paid and the order basket are shown:

Your payment to ddp testshop.

Welcome to the payment menu, please select your payment method from the available options below.

Please select your payment method

-  Paysafecard
-  American Express
-  iDEAL
-  MasterCard
-  Visa
-  Bank transfer
-  Klarna Account
-  PayPal
-  Giropay

Pricing	
	Kingston microSD kaart 32GB Kingston microSD kaart 32GB met adapter Item number: SDC4/4GB-2ADP
item price: € 10.00	Subtotal € 30.00
Quantity: 1 € 10.00	VAT amount (21.0%) € 10.00
	VAT amount (6.0%) € 20.00
	Total amount (incl. VAT) € 33.30
	Lonely Planet Thailand Tourism and travel information incl. maps, history, culture and transport in Thailand Item number: 9781741791570
item price: € 10.00	
Quantity: 2 € 20.00	
	Remaining amount to pay € 33.30

Pay safely



You are paying through a secure connection. Your data is encrypted and is not visible to others. For more information about secure payments, see www.docdatapayments.com/en.

Transaction information

€ 33.30

€ 33.30

[Order pricing](#) →

Default Stylesheets

Docdata Payments has a default stylesheet available which can be used by merchants as a starting point. You will find this stylesheet in your test account under "Settings --> Edit look and feel". Select "Advanced mode" to edit or replace the existing stylesheet.

Country selection

Depending on the country specified in your paymentOrder's billing address (use ISO 2 letter country codes), Docdata Payments will display the menu with payment methods specific to that country.

Language selection

The payment menu language can be adjusted by adding the parameter "client_language" to the redirectURL.

Example:

https://test.docdatapayments.com/ps/menu?command=show_payment_cluster&merchant_name=testshop&payment_cluster_key=41F87B60B617E34B5DC69ECFEA193556&d&client_language=nl will display the menu in Dutch.

Use of default_pm and default_act in the menu

Use of the parameter default_pm will display the specified method on top and opens the input screen (example: default_pm=MASTERCARD or default_pm=IDEAL).


When using default_act (possible values "yes" or "true") as well as default_pm, your shopper will be redirected straight from your shop to the payment page of the specified payment method. This works only with those payment methods that are initiated by a single click. These include: iDEAL, SofortÜberweisung, eBanking and PayPal. When the issuer_id is added to the redirect string, this works for iDEAL as well.

Below an overview of the issuer_id's of the 5 most common banks.


1. ABN AMRO BANK - ABNANL2A
2. ING BANK - INGBNL2A
3. RABO BANK - RABONL2U
4. DEUTSCHE BANK - DEUTNL2N
5. KNAB BANK - KNABNL2H
6. BUNQ BANK - BUNQNL2A



The iDEAL id issuers are the BIC codes of the banks.

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 **iDEAL**

Please select your bank and click on "to iDEAL".



Your bank *  

Amount € 33.30

* Required field

[to iDEAL !\[\]\(f5dc48c51b7edb6c761394c1233c83ba_img.jpg\)](#)

Example 4 – this will redirect your customer straight to ABN's iDEAL site:

https://test.docdatapayments.com/ps/menu?command=show_payment_cluster&merchant_name=testshop&payment_cluster_key=41F87B60B617E34B5DC69ECFEA193556&d&client_language=nl&default_act=true&ideal_issuer_id=ABNANL2A&default_pm=IDEAL

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4. Backoffice Settings

In order to create payment profiles which are needed to activate your payment methods, you can go to Settings → Payment method names. After activating the payment methods by adding them to the specific payment method you can also determine in which sequence these methods should appear in the payment menu.

Assign payment methods to a profile

Stored profile payment method names.

Select profile:

standard



[Add & delete profiles](#)

Available payment methods

ACOREUS_OPEN_INVOICE
AFTERPAY_DIRECT_DEBIT
AFTERPAY_OPEN_INVOICE
AMEX
BELMONDO_CADEAUBON
EBANKING
EBON
ELV
EPS
FASHION_CHEQUE
FIJNCADÉAU_GIFTCARD
GIROPAY
JUMBO_GOLFWERELD_GIFTCARD
KBC
KLARNA_INVOICE
LOYALTY_IN_A_BOX
MAESTRO
MISTERCASH
NATIONALE_BIOSCOOPBON_GIFTCARD
NATIONALE_ENTERTAINMENTCARD
NATIONALE_KADOBON
OV_KADOKAART
PAYPAL_EXPRESS_CHECKOUT
PAYSAFÉCARD
PODIUM_GIFTCARD
POINT_OF_SALE
POS_OFFLINE
POST_FINANCE
SIEBEL_JUWELIERS_CADEAUKAART
SOFORT_UEBERWEISUNG
TCS_GIFT_CARD
VD_CADEAUKAART
VOËTBAL_KADOBON
WIJNCARD

Add >>

<< Remove

Selected

SEPA_DIRECT_DEBIT
VISA
MASTERCARD
IDEAL
KLARNA_ACCOUNT
BANK_TRANSFER

First

Up

Down

Last

Store changes

To create or add a profile click on “Add & delete profiles”, this will open a new screen

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Add & delete profiles

Profile name

Add settings for your profiles:

- [Configure assigned payment method names for your profiles](#)
- [Configure language keys for your profiles](#)

Type in the profile name of your choosing and store your changes. To activate the payment methods to your payment profile, return to the “assign methods” screen, select the profile from the pull down menu and drag and drop methods in the box on the right hand side. Click on ‘store changes’ to save your settings.

Assign payment methods to a profile

Select profile:

Available payment methods

AMEX
BANK_TRANSFER
EBANKING
ELV
FASHION_CHEQUE
FONQ_NL_GIFTCARD
GIROPAY
HYVES_AFREKENEN
IDEAL
KBC
LOYALTY_IN_A_BOX
MASTERCARD
PAYPAL_EXPRESS_CHECKOUT
RABO_SMS_BETALEN
SEPA_DIRECT_DEBIT
SOFORT_UEBERWEISUNG
TCS_GIFT_CARD

ATOS
Algemeen
TEST9amex
TEST9atos
TEST9sofortbanking
algemeen
all-af
bob
fashion cheque
giropay
intercard-elv
intersolve
kbc_new
minitix
paypal_new
regio
sofort
vpro

Selected

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Use the up and down arrows to determine the sequence of the payment methods in the payment menu:

Assign payment methods to a profile

Select profile: [Add & delete profiles](#)

Available payment methods

Selected
IDEAL
AMEX
AFTERPAY_OPEN_INVOICE
MASTERCARD
KBC
VISA
BANK_TRANSFER
MISTERCASH
MAESTRO
VD_CADEAUKAART
PAYPAL_EXPRESS_CHECKOUT
GIROPAY
DIRECT_DEBIT
ELV
SOFORT_UEBERWEISUNG
WEB_SHOP_GIFT_CARD

In the above example iDEAL will be the first method displayed (on top) in the menu, followed by AMEX.

Changes you apply are immediate.