Docuten

WEB SERVICE INTEGRATION
EMISSION

Index

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INTRODUCTION

The services described below allows us to operate with Docuten from external applications, both for the Issuance of new invoices, consultation of the status of invoices or the recovery of originals.

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SENDING INVOICES IN CSV

WSDL

Environment	Path
STAGING	https://sandbox.docuten.com/services/SendCSVByApp?wsdl
PROD	*Consult

Dispatch

Request the issue of an invoice. The data is sent in the form of CSV following the scheme described in the corresponding manual.

Function

Method name	SendInvoice

Entry

Input parameters	appIdentifier	String	Identifier of the invoked application. Mandatory
	appToken	String	Token of the invoked application. Mandatory
	Invoice	String	CSV representing Base64 encoded invoice

Output

Output parameters	responseCode	Int	Code indicating the result of the operation.
	responseDesc	String	Description associated with the response code.

	invoiceCode	String	Code assigned to the invoice for subsequent queries. If the invoice is issued to a General Invoice Point, this will be the registration number assigned by the PGE.
	signedInvoice	String	Original invoice generated and signed, encoded in Base64.
	Visualization	String	PDF representation of the invoice, encoded in Base64.
	Proof	String	Proof of registration, if the invoice is issued to a general point of entry and the general point of entry has the option of generating a supporting proof document.

SENDING INVOICES IN FACTURAE

WSDL

Environment	Path
STAGING	https://sandbox.docuten.com/services/SendFacturaeByApp?wsdl
PROD	*Consult

Dispatch

Requests the issue of an invoice already created in FacturaE format.

Function

Method name	SendInvoice

Entry

Input parameters	appIdentifier	String	Identifier of the invoked application. Mandatory

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	appToken	String	Token of the invoked application. Mandatory
	Invoice	String	Base64 encoded Facturae.
	Channel	String	Invoice dispatch channel. See the available ones in the appendix.

Output

Output parameters	responseCode	Int	Code indicating the result of the operation.
	responseDesc	String	Description associated with the response code.
	invoiceCode	String	Code assigned to the invoice for subsequent queries. If the invoice is issued to a General Invoice Point, this will be the registration number assigned by the PGE.
	signedInvoice	String	Original invoice generated and signed, encoded in Base64.
	Visualization	String	PDF representation of the invoice, encoded in Base64.
	Proof	String	Proof of registration, if the invoice is issued to a general point of entry and the general point of entry has the option of generating a supporting proof document.

SENDING INVOICES IN CSV WITH ATTACHMENTS

WSDL

Entorno	Path
STAGING	https://sandbox.docuten.com/services/SendCSVByAppWithAttachments?wsdl
PROD	*Consult

Dispatch

Requests the issuance of an invoice with attachments. The data is sent in the form of CSV following the scheme described in the corresponding manual.

Function

Method name	SendInvoice

Entry

Input parameters	appIdentifier	String	Identifier of the invoked application. Mandatory
	appToken	String	Token of the invoked application. Mandatory
	Invoice	String	CSV representing Base64 encoded invoice.
	Attachments	String	Array of attachments. Supports a maximum of 3 files.

Input parameters *attached file*	FileName	String	File name. Mandatory
	Content	String	Content of the file encoded in Base64. Mandatory.
	mimeType	String	MimeType of the file. Mandatory.

Output

Output parameters	responseCode	Int	Code indicating the result of the operation.
	responseDesc	String	Description associated with the response code.
	InvoiceCode	String	Code assigned to the invoice for

			subsequent queries. If the invoice is issued to a General Invoice Point, this will be the registration number assigned by the PGE.
	SignedInvoice	String	Original invoice generated and signed, encoded in Base64.
	Visualization	String	PDF representation of the invoice, encoded in Base64.
	Proof	String	Proof of registration, if the invoice is issued to a general point of entry and the general point of entry has the option of generating a supporting proof document.

SENDING INVOICES IN FACTURAE WITH ATTACHMENTS

WSDL

Environment	Path
STAGING	https://sandbox.docuten.com/services/SendFacturaeByAppWithAttachments?wsdl
PROD	*Consult

Dispatch

Requests the issuance of an invoice in invoice format with attachments.

Function

Method name	SendInvoice

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Entry

Input parameters	appIdentifier	String	Identifier of the invoked application. Mandatory
	appToken	String	Token of the invoked application. Mandatory
	Invoice	String	Base64 encoded Facturae.
	Channel	String	Invoice dispatch channel. See the available ones in the appendix.
	Attachments	String	Array of attachments. Supports a maximum of 3 files.

Input parameters *attached files*	FileName	String	File name. Mandatory
	Content	String	Content of the file encoded in Base64. Mandatory
	mimeType	String	MimeType of the file. Mandatory

Output

Output parameters	responseCode	Int	Code indicating the result of the operation.
	responseDesc	String	Description associated with the response code.
	InvoiceCode	String	Code assigned to the invoice for subsequent queries. If the invoice is issued to a General Invoice Point, this will be the registration number assigned by the PGE.
	SignedInvoice	String	Original invoice generated and signed, encoded in Base64.
	Visualization	String	PDF representation of the invoice, encoded in Base64.
	Proof	String	Proof of registration, if the invoice is issued to a general point of entry and the general point of entry has the option of generating a supporting

			proof document.

VIEWING INVOICES ISSUED

WSDL

Environment	Path
STAGING	https://sandbox.docuten.com/services/SentInvoicesQueriesV2?wsdl
PROD	*Consult

Status inquiry

Requests the current status of an invoice to be queried.

Function

Method name	getInvoiceState

Entry

Input parameters	appIdentifier	String	Identifier of the invoked application. Mandatory
	appToken	String	Token of the invoked application. Mandatory
	InvoiceCode	String	Code of the invoice you want to view.

Output

Output parameters	responseCode	Int	Code indicating the result of the operation.
	responseDesc	String	Description associated with the response code.
	StateCode	String	Code assigned to the invoice for subsequent queries. If the invoice is issued to a General Invoice Point, this will be the registration number assigned by the PGE.
	StateDesc	String	Original invoice generated and signed, encoded in Base64.
	StateReason	String	PDF representation of the invoice, encoded in Base64.

Viewing the full history of an invoice

Requests the full history of status changes for an invoice.

Function

Method name	getInvoiceHistory

Entry

Input parameters	appIdentifier	String	Identifier of the invoked application. Mandatory
	appToken	String	Token of the invoked application. Mandatory
	InvoiceCode	String	Code of the invoice you want to view.

Output

Output parameters: *invoice detail*	responseCode	Int	Code indicating the result of the operation.
	responseDesc	String	Description associated with the response code.
	InvoiceCode	String	Code of the invoice consulted.
	StateCode	String	Code assigned to the invoice for subsequent queries. If the invoice is issued to a General Invoice Point, this will be the registration number assigned by the PGE.
	StateDesc	String	Original invoice generated and signed, encoded in Base64.
	StateReason	String	PDF representation of the invoice, encoded in Base64.
	History	WSInvoiceHistory[]	Array with all the status changes suffered by the invoice.

Output parameters: *detail of the status changes.*	Id	Long	Unique identifier.
	Name	String	Company/person giving rise to change.
	Action	String	Action Executed.
	InitialState	String	Initial invoice status code prior to action execution.
	endState	String	Final invoice status code after action execution.
	Date	Datetime	Date the status change is made.
	Msg	String	Reason/comment.
	Channel	String	Dispatchel Channel. Indicated for dispatching action only.

Full Detail Inquiry of an invoice

Request full invoice detail and status changes.

Function

Method name	getInvoiceDetail

Entry

Input parameters	appIdentifier	String	Identifier of the invoked application. Mandatory
	appToken	String	Token of the invoked application. Mandatory
	InvoiceCode	String	Code of the invoice you want to view.

Output

Output parameters	responseCode	Int	Code indicating the result of the operation.
	responseDesc	String	Description associated with the response code.
	Invoice	WSInvoiceDetail	Detail of the invoice consulted.

Output parameters: *invoice detail*	Channel	String	Channel by which the invoice was sent
	Code	String	Invoice Code
	Date		Invoice Date
	Number	String	Number
	ReceiverCif	String	Receiver Tax ID
	ReceiverName	String	Receiver Name

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	SenderCif	String	Issuer Tax ID
	SenderName	String	Issuer Name
	SentDate	DateTime	Dispatch Date
	Series	String	Number
	State	String	Current Status
	TotalCost	Doublé	Total gross amount
	Totaltopay	Doublé	Total amount payable
	Items	WsInvoiceItem[]	Invoice Lines
	Files	WsInvoiceFile[]	Attachments
	Taxes	WsInvoiceTax[]	Taxes applied
	Payments	WsInvoicePayment[]	Expiration
	History	WsInvoiceHistory[]	History

Output parameters: *invoice line details*	Quantity	Doublé	Code indicating the result of the operation.
	Price	Doublé	Description associated with the response code.
	Total	Doublé	Detail of the invoice consulted.
	Description	String	Line description
	Comments	String	Remarks
	Unit	String	Unit of Measure

Output parameters: *attachment details*	Name	String	File Name
	Hash	String	File Trace
	Size	Long	Size in bytes

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Output parameters:	Code	String	Tax Code
details of the taxes	Base	Doublé	Tax Base
	Rate	Doublé	Percentage applied
	Amount	Doublé	Amount

Output parameters:	Date	Datetime	Expiration Date
details of payment method	Amount	Doublé	Amount
	Method	String	Payment method
	Account	String	Bank Account

Invoice Search

Perform a search on invoices issued through the platform.

Function

Method Name	searchInvoices

Entry

Input parameters	appIdentifier	String	Identifier of the invoked application. Mandatory
	appToken	String	Token of the invoked application. Mandatory
	SenderCif	String	Issuer Tax ID Optional. If not indicated, it will be filtered by the Issuer Tax ID or group of the Tax ID associated with the company invoking the WS.
	ReceiverCif	String	Receiver Tax ID. Optional

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	State	String	Invoice status code. Optional
	dateForm	String	Date from in yyyymmdd format. Optional
	Dateto	String	Date until in yyyymmdd format. Optional

Output

Output parameters	responseCode	Int	Code indicating the result of the operation.
	responseDesc	String	Description associated with the response code.
	Invoice	WSInvoiceDetail	Invoices found.

Output parameters: *invoice detail.*	Channel	String	Channel by which the invoice was sent
	Code	String	Invoice Code
	Date		Invoice Date
	Number	String	Number
	ReceiverCif	String	Receiver Tax ID
	ReceiverName	String	Receiver Name
	SenderCif	String	Issuer Tax ID
	SenderName	String	Issuer Name
	SentDate	DateTime	Dispatch Date
	Series	String	Number
	State	String	Current Status
	TotalCost	Doublé	Total gross amount
	Totaltopay	Doublé	Total amount payable
	Items	WsInvoiceItem[]	Invoice Lines
	Files	WsInvoiceFile[	Attachments

		]	
	Taxes	WsInvoiceTax[ ]	Taxes applied
	Payments	WsInvoicePay ment[]	Expiration
	History	WsInvoiceHist ory[]	History

Change Status

Prompts to change the current status of an invoice. This option is only available when it has been issued through a PGE that allows this action.

Function

Method Name	updateInvoiceState

Entry

Input parameters	appIdentifier	String	Identifier of the invoked application. Mandatory
	appToken	String	Token of the invoked application. Mandatory
	InvoiceCode	String	The code of the invoice whose status you want to change. Mandatory.
	updateStateCode	String	The status change code that is requested for the invoice. Codes in the "Supported status change codes" table are supported.
	reason	String	Reason to request the change of status (mandatory for cancellation and rejection).

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Output parameters

Output parameters	responseCode	Int	Code indicating the result of the operation.
	responseDesc	String	Description associated with the response code.
	InvoiceCode	String	Code of the invoice consulted.
	StateCode	String	Code of the state in which the invoice is located.
	StateDesc	String	Description associated with the status code.
	StateReason	String	In the case of rejected or cancelled invoices, the reason will be indicated here.

SUPPORTED STATUS CHANGE CODES

CODE	DESCRIPTION OF THE STATUS CHANGE
PAID	Mark as paid
CANCELED	Request cancellation
REJECTED_CANCELLATION	Reject Cancellation
ACCEPTED_CANCELLATION	Accept Cancellation
REJECTED	Decline

ERROR CODES

The following are the error codes returned by the application along with their description.

CODE	DESCRIPTION
0	OK
99	Unknown Error

100	The file does not have the structure Facturae
110	Invoice file contains more than one invoice
120	The Facturae does not validate against its corresponding scheme
130	Invoice is already signed
140	Version of Facturae not supported
150	The issuer's tax ID does not match the company's
160	Error sending invoice by General Point of Entry
170	Unknown invoice format
180	The credentials indicated are invalid
190	Invalid invoice code entered
200	Permissions to view invoices from other companies are not available
210	The IP from which the request is made does not have permissions
220	Receiver is not available on the indicated channel
230	The maximum number of attachments allowed is 3
240	Attachment information is not complete
250	Invalid CSV file format
260	CSV file does not have the expected structure
270	The number of results exceeds the limit of 100. Search criteria needs to be refined
280	An error occurred while requesting an invoice to be cancelled
290	Invoice does not support cancellations
FACe and FACeB2B specific errors	
301	You can not check the status of the invoice, the invoice has been submitted by another supplier system
302	A reason for cancellation must be specified
303	There is no invoice with the specified registration number
304	The invoice has already had its cancellation accepted
305	The invoice was rejected, you are not allowed to request cancellation
306	The invoice has been paid, you are not allowed to request cancellation
307	The invoice has already had its cancellation requested

308	You do not have permission to request the cancellation of this invoice
309	The number of invoices allowed to be sent in the method has been exceeded
310	Some mandatory parameter appears empty
311	Invoice MIME is incorrect
312	Wrong annex MIME found
313	Registration number is required
314	The offline invoice processing request was not found
315	Supplier management system cannot view offline invoice processing requests
316	The invoice has been submitted by the web, you cannot view the status of the invoice through web services
317	Unable to view invoice status, please try later
401	Failed to validate invoice
402	Failed to save invoice
403	It has not been possible to register the invoice in the Common Electronic Record (REC), try it later
404	Error changing invoice status
405	Status code %status% does not exist
406	The only possible transition is to %status%
407	Transition not available COD: %cod_current_state% => COD: %cod_next_state%
408	Invoice format is incorrect
409	The Managing Body associated with code %OG% does not exist or is inactive
410	The Processing Unit associated with code% UT% does not exist or is inactive
411	The Accounting Office associated with code "% OC%" does not exist or inactive
412	The specified Processing Unit, Managing Body or Accounting Office are not related
413	The specified Processing Unit, Managing Body or Accounting Office does not have an active relationship and does not accept invoices
414	An invoice with number %number%%record% already exists
415	An invoice already exists with serial %series%, number %number% and shipment date %exp_date%%record%
416	The number of administrative centers is incorrect

417	No code found in %admin_center%
418	Payer, Recipient, or Tax Not Specified Correctly
419	Please note that only individual invoices are accepted
420	Number of invoices allowed 1, no batches accepted
421	Type of %issuer-receiver-third% is incorrect, incorrect specification for person %legal-physical%
422	Issuer type for Third Party Invoice is incorrect
423	Physical person's first or last name not specified
424	Legal entity name not specified
425	The number of invoices is incorrect
426	For payment by %payment_type% it is mandatory to include the IBAN
427	Type of person must be indicated (Physical or Legal)
428	Invoice signature is incorrect
429	The invoice is not in the system
430	Invoice format is incorrect, invoice version could not be determined
431	A date format error was found on the invoice, please check the invoice
432	LaThe invoice has been signed by a class certificate %certificate_class%, this class is not supported for invoice signing
433	Exceeded in the number of annexes
434	The invoice has been signed by a miss-issued certificate
435	The operation does not support this state
437	Invoices with extensions are not supported for Accounting Office %dir_code%
438	Invoice delivery has been signed by class certificate %certificate_class%, this class is not supported for invoice delivery signing
439	The invoice has been signed by an unsupported certificate for invoice signing
440	Signature policy is not correct
441	Test units are not allowed in this environment
442	The certificate used in the signature of the invoice is on a blocked list or is a test
443	Wrong formatted amending invoice %detail%
444	The issuer on the invoice has the same identifier as the assignee

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445	Invoice number is required
446	Description of invoice lines is mandatory
447	Issuer ID is incorrect

DISPATCH CHANNELS

Below are the current Dispatching channels.

CODE	DESCRIPTION
FACe	Issue invoices through FACe. Only for organisms that are adhered. Forced to report the DIR3 on invoices.
FACeB2B	Issuance of invoices through Face2B, platform that stands as a General Point of Entry of Electronic Invoices between Companies. Required to report DiR unit code on invoices.
eFACT	Issuance of invoices through AOC's eFact. Only for organisms that are adhered. Forced to report the DIR3 on invoices.
PAIS_VASCO	Issuance of invoices to the Basque Government. Only for organisms that are adhered. Forced to report the DIR3 on invoices and register as an invoice provider in your system.
RIOJA	Issuance of invoices to the Government of La Rioja. Only for organisms that are adhered. Forced to report the DIR3 on invoices and register as an invoice provider in your system.
CYL	Issuance of invoices to the Junta de Castilla y León. Only for organisms that are adhered. Forced to report the DIR3 on invoices and register as an invoice provider in your system.
GALICIA	Issuance of invoices through the Galician PGE. Only for organisms that are adhered. Forced to report the DIR3 on invoices and register as an invoice provider in your system.
ESPUBLICO	Issuance of invoices to municipalities using the PGE of Espublico. Only for organisms that are adhered. Forced to report the DIR3 on invoices.
FTP	Sending is done via FTP. Server data must be pre-configured from the web at the client level.
Email	The dispatch has been made via email. Required to inform the email account to be notified within the invoice details.
Otros	When the dispatch channel is unknown or not listed in the list above, this value shall be indicated.

INVOICE STATUS

The following are the statuses in which an invoice can be found.

CODE	DESCRIPTION
ES	Sent
AB	Open
AC	Accepted
RC	Rejected
PG	Paid
1200	Registered in FACe. FACe code.
1300	Registered in RCF. FACe code.
2400	Accounted the recognized obligation. FACe code.
2500	Paid. FACe code.
2600	Rejected. FACe code.
3100	Canceled. FACe code.
4200	Requested cancellation. FACe code.
4300	Accepted cancellation. FACe code.

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