



Docuten

MANUAL DE USUARIO

WEB SERVICES INTEGRATION | SOAP

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INTRODUCTION

Integration with Docuten through Web Services (SOAP), both for the creation of new signature requests, consultation of documents by state or the recovery of the complete detail of each of the requests.

WSDL

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

CREATE SIGNATURE REQUEST

Create a signature request for a given document.

Function

Method name	createRequest
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Input

Input parameters	appkey	String	Identifier of the application it invokes. Mandatory.
	appToken	String	Secret of the application it invokes. Mandatory.
	document	Document	Object that contains the data of the document to be signed. Mandatory..
	expirationDate	Datetime	Maximum date to complete the signatures. Optional.
	signers	Signer []	People who have to sign the document. Mandatory.
	metadata	Metadata []	Metadata to associate with the document. Optional.

Document	attachments	String	Annexes, if any, packaged in a zip and encoded in Base64. Optional.
	content	String	Content of the document encoded in Base64. Mandatory.
	description	String	Description of the document. Optional.
	filename	String	Name of the file. Mandatory.
	title	String	Title for the signature request. Mandatory.

Signer	email address	String	Email of the signatory. Mandatory.
	mobile	String	Mobile phone. Optional.
	name	String	Name of the signatory. Mandatory.
	nif	String	NIF/NIE/CIF of the signatory. Mandatory.
	signatureType	String	Signature type. Mandatory. Values: CERTIFICATE, BIOMETRIC, AUTOMATED, UNDEFINED, OWN_CERTIFICATE.
	role	String	Signer role. Values: • signer • approver • cc: in copy

Metadata	name	String	Name of the label. Mandatory.
	value	String	Value to be taken by the label. Mandatory.

Output

Document Response	responseCode	int	Code indicating the result of the operation.
	responseDesc	String	Description associated with the response code.
	documentId	String	Identifier assigned to the document that will allow subsequent consultations using it.

CREATE SIGNATURE REQUEST WITH TEMPLATE

Create a signature request using a given template (PDF form).

Function

Method name	createTemplateRequest
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Input

Input parameters	appkey	String	Identifier of the application it invokes. Mandatory.
	appToken	String	Secret of the application it invokes. Mandatory.
	template	Template	Object that contains the template data to use. Mandatory.
	expirationDate	Datetime	Maximum date to complete the signatures. Optional.
	signers	Signer []	People who have to sign the document. Mandatory.
	metadata	Metadata []	Metadata to associate with the document. Optional.

Signer	email address	String	Email of the signatory. Mandatory.
	mobile	String	Mobile phone. Optional.
	name	String	Name of the signatory. Mandatory.
	nif	String	NIF/NIE/CIF of the signatory. Mandatory.
	signatureType	String	Signature type. Mandatory. Values: CERTIFICATE, BIOMETRIC, AUTOMATED, UNDEFINED, OWN_CERTIFICATE.

	role	String	Signer role. Values: • signer • approver • cc: in copy
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Template	identifier	String	Identifier of the template to use. Mandatory.
	value	TemplateValue []	Values to be entered in the fields in the template. Mandatory.

Template Value	key	String	Name of the field in the template. Mandatory.
	value	String	The value to be taken by the field. Mandatory.

Metadata	name	String	Name of the label. Mandatory.
	value	String	Value to be taken by the label. Mandatory.

Output

Document Response	responseCode	int	Code indicating the result of the operation.
	responseDesc	String	Description associated with the response code.
	documentId	String	Identifier assigned to the document that will allow subsequent consultations using it.

CANCEL A DOCUMENT

This function requests the cancellation of a document already sent to Docuten.

Function

Method name	cancelDocument
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Input

Input parameters	appkey	String	Identifier of the application it invokes. Mandatory.
	appToken	String	Secret of the application it invokes. Mandatory.
	identifier	String	Identifier assigned to the document.
	reason	String	Reason for cancellation.

Output

Document Cancellation Response	responseCode	int	Code indicating the result of the operation.
	responseDesc	String	Description associated with the response code.

DOCUMENT STATUS QUERY

Get the current status of a document sent to be signed through Docuten.

Function

Method name	getDocumentstatus
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Input

Input parameters	appkey	String	Identifier of the application it invokes. Mandatory.
	appToken	String	Secret of the application it invokes. Mandatory.
	identifier	String	Identifier assigned to the document.

Output

Document Cancellation Response	responseCode	int	Code indicating the result of the operation.
	responseDesc	String	Description associated with the response code.
	status	DocumentStatus	Object with the detail of the state.

Document Status	identifier	String	Unique identifier of the document.
	signaturesDone	int	Number of signatures made.
	signaturesTotal	int	The total number of signatures

			defined for the document.
	stateName	String	Name of the current status of the request.
	stateCode	String	Request status code.

RETRIEVE THE DETAIL OF A DOCUMENT

Get the complete detail of a document sent to sign through Docuten.

Function

Method name	getDocumentDetail
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Input

Input parameters	appkey	String	Identifier of the application it invokes. Mandatory.
	appToken	String	Secret of the application it invokes. Mandatory.
	identifier	String	Identifier assigned to the document.

Output

Document Detail Response	responseCode	int	Code indicating the result of the operation.
	responseDesc	String	Description associated with the response code.
	documentDetail	documentDetail	Object with the detail of the document.

Document Detail	title	String	Title of the signature request.
	fileName	String	Name of the file.

	identifier	String	Unique identifier of the document.
	date	datetime	Date of creation of the signature request.
	expirationDate	datetime	The maximum date set to complete signatures.
	stateName	String	Name of the current status of the request.
	stateCode	String	Request status code.
	messages	DocumentMessage []	List of messages exchanged around the document.
	signers	DocumentSigner []	List of signatories to the document.
	history	DocumentHistory []	Document history.
	signaturesDone	int	Number of signatures made.
	signatures Total	int	The total number of signatures defined for the document.
	url	String	Direct URL for downloading the document.
	thumbnailUrl	String	Direct URL to a thumbnail size of the first page of the document.
	content	String	Content of the document encoded in Base64.
	templateValues	TemplateValue []	Values collected in the form.

Document Message	name	String	Name of the person who sends the message.
	message	String	Text of the sent message.
	date	datetime	Date on which the message is sent.
	email	String	Email of the person sending the message.

Document Signer	name	String	Name of the signatory.
	email	String	Email of the signatory
	mobile	String	Mobile phone of the signatory.
	nif	String	NIF/NIE/CIF of the signatory.
	order	int	Signature order.
	sentDate	datetime	Date of notification to the signatory.
	signatureDate	datetime	Date of signature.
	rejectDate	datetime	Date of rejection of the request for signature.
	rejectReason	String	Reason for rejection.
	state	String	Status code.
	signatureType	String	Type of signature to be made / made
	isValidSignature	boolean	Indicates whether the signature made is valid.
	certOrganization	String	Organization to which the signatory belongs. Only for certified signatures.
	certCa	String	Signatory certificate issuing authority. Only for certified signatures.
	certSignerName	String	Name of the owner of the signing certificate. Only for certified signatures.
	biometricSignatureName	String	Name on the signature. Only for biometric signatures.
	biometricSignatureLocation	String	Location where the signature was made. Only for biometric signatures
	biometricSignatureDevice	String	Device from which the signature was made. Only for biometric signatures.

Document History	user	String	Person/system that originates the action.
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	InitialState	String	Initial state of the document.
	endState	String	Final state of the document.
	action	String	Action taken.
	date	datetime	Date the action is performed.

Template Value	key	String	The name of the field in the template.
	value	String	Value entered in the field.

LIST ALL DOCUMENTS

Get a list of all documents sent through Docuten.

Function

Method name	getAllDocs
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Input

Input parameters	appkey	String	Identifier of the application it invokes. Mandatory.
	appToken	String	Secret of the application it invokes. Mandatory.

Output

DocumentList Response	responseCode	int	Code indicating the result of the operation.
	responseDesc	String	Description associated with the response code.
	documents	DocumentListItem []	List of documents.

DocumentList Item	title	String	Title of the signature request.
	fileName	String	Name of the file.
	date	datetime	Date of creation of the signature request.
	expirationDate	datetime	The maximum date set to complete

			signatures.
	stateName	String	Name of the current status of the request.
	stateCode	String	Request status code.
	identifier	String	Identifier assigned to the document.

LIST FINISHED DOCUMENTS

Obtain a list with all the documents of which all the requested signatures have been completed.

Function

Method name	getDocsEnded
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Input

Input parameters	appkey	String	Identifier of the application it invokes. Mandatory.
	appToken	String	Secret of the application it invokes. Mandatory.

Output

DocumentList Response	responseCode	int	Code indicating the result of the operation.
	responseDesc	String	Description associated with the response code.
	documents	DocumentListItem []	List of documents.

DocumentList Item	title	String	Title of the signature request.
	fileName	String	Name of the file.
	date	datetime	Date of creation of the signature request.
	expirationDate	datetime	The maximum date set to complete

			signatures.
	stateName	String	Name of the current status of the request.
	stateCode	String	Request status code.
	identifier	String	Identifier assigned to the document.

LIST EXPIRED DOCUMENTS

Obtain a list of all the documents from which the maximum date defined in the application was reached without completing all the requested signatures.

Function

Method name	getDocsExpired
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Input

Input parameters	appkey	String	Identifier of the application it invokes. Mandatory.
	appToken	String	Secret of the application it invokes. Mandatory.

Output

DocumentList Response	responseCode	int	Code indicating the result of the operation.
	responseDesc	String	Description associated with the response code.
	documents	DocumentListItem []	List of documents.

DocumentList Item	title	String	Title of the signature request.
	fileName	String	Name of the file.
	date	datetime	Date of creation of the signature request.
	expirationDate	datetime	The maximum date set to complete

			signatures.
	stateName	String	Name of the current status of the request.
	stateCode	String	Request status code.
	identifier	String	Identifier assigned to the document.

LIST PENDING DOCUMENTS

Obtain a list of all documents for which all signatures have not yet been completed.

Function

Method name	getDocsPending
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Input

Input parameters	appkey	String	Identifier of the application it invokes. Mandatory.
	appToken	String	Secret of the application it invokes. Mandatory.

Output

DocumentList Response	responseCode	int	Code indicating the result of the operation.
	responseDesc	String	Description associated with the response code.
	documents	DocumentListItem []	List of documents.

DocumentList Item	title	String	Title of the signature request.
	fileName	String	Name of the file.
	date	datetime	Date of creation of the signature request.
	expirationDate	datetime	The maximum date set to complete

			signatures.
	stateName	String	Name of the current status of the request.
	stateCode	String	Request status code.
	identifier	String	Identifier assigned to the document.

LIST CANCELLED DOCUMENTS

Obtain a list with all canceled.

Function

Method name	getDocsCancelled
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Input

Input parameters	appkey	String	Identifier of the application it invokes. Mandatory.
	appToken	String	Secret of the application it invokes. Mandatory.

Output

DocumentList Response	responseCode	int	Code indicating the result of the operation.
	responseDesc	String	Description associated with the response code.
	documents	DocumentListItem []	List of documents.

DocumentList Item	title	String	Title of the signature request.
	fileName	String	Name of the file.
	date	datetime	Date of creation of the signature request.
	expirationDate	datetime	The maximum date set to complete

			signatures.
	stateName	String	Name of the current status of the request.
	stateCode	String	Request status code.
	identifier	String	Identifier assigned to the document.

ERROR CODES

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

CODE	DESCRIPTION
0	OK
1	The credentials indicated are not correct
9	Invalid document identifier
12	The file sent is not valid
14	Invalid file name.
15	The specified owner is invalid
16	The specified owner name is invalid
17	Owner's email is invalid
18	At least one signatory must be indicated
19	The name of the signatory is invalid
20	The email address given to the signatory is invalid
21	Invalid template
22	Invalid template filename
99	Unknown error

STATES

Existing states are listed below, differentiating States from signatory documents.

Document states

CODE	DESCRIPTION
CREATED	Document created.
PENDING	Pending completion of signatures.
REJECTED	Rejected. One of the signatories refused to sign the document.
EXPIRED	Expired. The established expiration date was reached without all signatures being collected.
ENDED	Finished. All signatures were collected.
CANCELED	Canceled.
VALIDATION_PENDING	Pending validation.
INVALIDATED	Invalidated.

States of the signatories

CREATED	The signatory has been recorded but has not yet been notified.
SENT	The signatory has been notified of the request for signature.
OPENED	The signatory has opened the document.

EXPIRED	The expiry date was reached without the signatory completing the signature..
REJECTED	The signatory refused to sign the document.
SIGNED	The signatory completed the signature.
VALIDATION_PENDING	Pending validation.
INVALIDATED	Invalidated.
VALIDATED	Validated.