

PW - JavaScript API



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JavaScript API

In order to interact with the payment form, Payline offers a JavaScript API so that you keep control of the form. The functions available from your IS are offered with the library `widget-min.js` :

Fonction	Description	Example
<code>endToken()</code>	Ends the life of the web session token (token obtained via <code>DoWebPayment</code>). The parameters: (<code>additionalData</code> : any, <code>callback</code> : Function, <code>spinner</code> : any, <code>handledByMerchant</code> : boolean)	<pre>Payline.Api.endToken(null, function() { window.location.href = Payline.Api. getCancelAndReturnUrls().cancelUrl; }, null, true); // en valorisant handledByMerchant à true, // la session de paiement sera associée au code retour 02014 // renvoyé par getWebPaymentDetails. // Dans le cas contraire c'est le code 02319 qui est renvoyé.</pre>
<code>finalizeShortCut()</code>	Triggers the finalization of the ShortCut payment (to be called in <code>context.state PAYMENT_TRANSITIONAL_SHORTCUT</code>)	
<code>getBuyerShortCut()</code>	Returns a complex object containing the buyer's data from the shortcut partner. This function is available in a context of state = <code>PAYMENT_TRANSITIONAL_SHORTCUT</code> .	<pre>{ "firstName": "DUPONT", "lastName": "Jean", "email": "jean.dupont@yopmail.com", "cityName": "Aix", "country": "FR", "street1": "5 rue de Marseille", "street2": "Batiment 2", "zipCode": "13390" }</pre>
<code>getCancelAndReturnUrls()</code>	Returns a complex object containing the <code>returnUrl</code> and the <code>cancelUrl</code> from the <code>DoWebPayment</code>	For example, you can create a cancel button that triggers the following actions: <pre>function cancel() { Payline.Api.endToken(); // met fin à la vie du token window.location.href = Payline.Api.getCancelAndReturnUrls(). cancelUrl; // redirige l'utilisateur sur la cancelUrl</pre>

<p>getContextInfo(key)</p>	<p>Returns context information using its key among the following values.</p>	<pre>{ "PaylineAmountSmallestUnit": 100, "PaylineCurrencyDigits": 2, "PaylineCurrencyCode": "EUR", "PaylineBuyerFirstName": "Jean", "PaylineBuyerLastName": "DUPONT", "PaylineBuyerShippingAddress.street2": "Batiment 2", "PaylineBuyerShippingAddress.country": "FR", "PaylineBuyerShippingAddress.name": "Perso", "PaylineBuyerShippingAddress.street1": "5 rue de Marseille", "PaylineBuyerShippingAddress.cityName": "Aix", "PaylineBuyerShippingAddress.zipCode": "13390" "PaylineBuyerMobilePhone": "0605040302", "PaylineBuyerShippingAddress.phone": "0605040302", "PaylineBuyerIp": "127.126.125.100", "PaylineFormattedAmount": "EUR1.00", "PaylineOrderDate": "05/26/2008 10:00", "PaylineOrderRef": "170630111901", "PaylineOrderDeliveryMode": "4", "PaylineOrderDeliveryTime": "1", "PaylineOrderDetails": [{ "ref": "1", "price": 998, "quantity": 1, "comment": "commentaire1", "category": "1", "brand": "66999", "subcategory1": "", "subcategory2": "", "additionalData": "" }], }</pre>
<p>getCssIframeWhiteList()</p>	<p>Returns the list of CSS primitives accepted to style the protected fields (Credit card, CVV, etc.).</p>	<p>getCssIframeWhiteList(): any</p>
<p>getFragmentedPaymentInfo()</p>	<p>In a context of fragmented payments (Carrefour Gift Card, soon ANCV, etc.), it is possible to recover the various payments recorded up to now.</p> <p>You can recover the data when you are in tab or col mode.</p>	<pre>{ "amount": "100,00 EUR", // Montant global de la commande "amountLeft": "50,00 EUR", // Montant restant à payer "recaps": [EUR" 503200XXXXXXXXX1166: "50,00] }</pre>
<p>getLanguage()</p>	<p>Returns the language key of the widget (passed in the DoWebPayment frame).</p>	<p>"en", "fr", ...</p>

getOrderInfos()	<p>Allows you to retrieve a complex object containing:</p> <ul style="list-style-type: none"> • the amount with the currency all formatted • the order reference • the name of the point of sale • a complex object representing the address with: <ul style="list-style-type: none"> • address1 • address 2 • city • Postal code 	<pre>Object { Payline.Api.getOrderInfos() on obtient : amountCurrency: "15.00 EUR" orderRef: "order-123456789" pointOfSale: "POS_Demo" pointOfSaleAddress: Object { address1: "260 rue Claude Nicolas Ledoux" address2: "ZI Les Milles" city: "Aix en Provence" zipCode: "13290" }} </pre>
getRecurringDetails()	<p>Allows you to retrieve the payment schedule.</p> <p>See the integration detail: installment payment N times and recurring payment.</p>	<p>To display the schedule N times:</p> <pre>Payline.Underscore.forEach(Payline.Api.getRecurringDetails().schedules, function (key, value) { console.log(value + " " + key) });</pre> <p>To retrieve recurring payment details:</p> <pre>Payline.Api.getRecurringDetails().schedules;</pre>
getToken()	Returns the current token with which the Widget was initialized.	getToken()
getTokenStatus()	<p>Allows you to know the status of the payment session (Session Token) in order to send a payment request without recreating a new order and to avoid the problems of multiple sessions for an order.</p> <p>The getTokenStatus function with the payment session identifier as a parameter and returns the states: ALIVE, EXPIRED, UNKNOWN.</p>	<pre>Payline.Api.getTokenStatus ('1Iy8gHkAi6AtplkmM1381551350523598', show) function show(tokenStatus){ console.log('Le statut du token:'); console.log(tokenStatus); }</pre>
hide()	Request to hide the payment form.	Payline.Api.hide(): void
init()	Request for initialization of the payment form. During initialization, the Payline widget builds the form according to the context of the payment request: amount, proposed payment method, etc.	
isSandbox()	Allows you to know the environment: production or certification. The function returns true or false.	Payline.Api.isSandbox();

reset()	Totally reset the widget with the token and the template passed as a parameter.	<pre>Payline.Api.reset(token: string = null, template: string = null): void</pre>
show()	Request to display the payment form.	<pre>Payline.Api.show(): void</pre>
toggle()	If the widget is displayed, this method hides it, otherwise it displays it.	
updateWeb paymentData()	<p>Update of payment session information (addresses, amount, ...) after initialization of the widget and before finalization of payment.</p> <p>This function is validated only if the option to update an order at the point of sale is activated (see the link of the admin center).</p>	<pre>Payline.Api.updateWebpaymentData(Payline.Api. getToken(), { "payment": { "amount": 100, "currency": "978" } }, function (response) { if(response.status !== 200) { alert("Error occured at Payline.Api. updateWebpaymentData (code "+response.status+""); } });</pre> <p>Ensuite il faut regarder dans network de chrome, quand il y a une erreur on peut obtenir la réponse.</p> <pre>{ "payment": { "amount": "252", "currency": "978" }, "order": { "ref": "toto", "amount": "255", "currency": "978", "deliveryTime ": "1", "deliveryMode ": "1", "deliveryExpectedDate": "30/09/2016", "deliveryExpectedDelay": "1", "taxes": "10", "deliveryCharge": "10" "details": { "details": [{ "ref": "00001 (ref1)", "price": "50", "quantity": "1", "comment": "comment1 (rem1)", "category": "1", "brand": "My HERMES (brd1)", "subcategory1": "BOSS", "subcategory2": "MONTRE", "additionalData": " LegalAge=18;Discount=0105", "taxRate ": "1234" }, {</pre>

```

(ref2)",
"comment2 (rem2)",
HERMES (brd2)",
"HERMES",
"FOULARD",
LegalAge=18;Discount=0105",
"ref": "00002",
"price": "50",
"quantity": "1",
"comment":
"category": "1",
"brand": "My
"subcategory1":
"subcategory2":
"additionalData":
"taxRate ": "1234"
}, {
"ref": "00003 (ref3)",
"price": "50",
"quantity": "1",
"comment":
"category": "1",
"brand": "My
"subcategory1":
"subcategory2":
"additionalData":
"taxRate ": "1234"
}, {
"ref": "00004 (ref4)",
"price": "50",
"quantity": "1",
"comment":
"category": "1",
"brand": "My
"subcategory1":
"subcategory2":
"additionalData":
"taxRate ": "4321"
}, {
"ref": "00005 (ref5)",
"price": "51",
"quantity": "1",
"comment":
"category": "1",
"brand": "My
"subcategory1":
"subcategory2":
"additionalData":
"taxRate ": "1234"
}
]
}
},

```

```

"buyer": {
    "firstName": "Prénom",
    "lastName": "Nom",
    "email": "myemail@mail.com",
    "mobilePhone": "+033600000000",
    "shippingAddress": {
        "title": "2",
        "name": "BUYER (shipping)",
        "lastName": "PAYLINE
(shipping)",
        "firstName": "Validation
Team (shipping)",
        "street1": "Colombus Circle
(shipping)",
        "street2": "Central Park
(shipping)",
        "cityName": "New York
(shipping)",
        "zipCode": "NY 10023",
        "country": "FR",
        "phone": "0123458789",
        "state": "NYC (state)",
        "county": "Upper East Side
(shipping)",
        "phoneType": "1"
    },
    "billingAddress": {
        "title": "3",
        "name": "BUYER (billing)",
        "lastName": "NAME (billing)",
        "firstName": "FirstName
(billing)",
        "street1": "15 rue LEDOUX
(billing)",
        "street2": "Z.I. les Milles
(billing)",
        "cityName": "Aix-en-
Provence (billing)",
        "zipCode": "13902",
        "country": "FR",
        "phone": "0223458789",
        "state": "FRANCE (state)",
        "county": "Bouches-du-
Rhône",
        "phoneType": "4"
    }
}
}
}

```

Use case

Example to hide, then display the payment form:

- `Payline.Api.hide ()`: void
- `Payline.Api.show ()`: void

Example to change the label on Pay button:

- You can change it using the JavaScript statement `Payline.jQuery ('. PI-pay-btn'). Text (' button label');`

Example to change the label on Pay button:

- You must recover the amount in the language of the buyer via a call to the function `Payline.Api.getContextInfo ('PaylineFormattedAmount');`

- You can change the text of the button with the function: `Payline.jQuery("<class of the element to modify>").Text('<replacement text>');`

⚠ Warning, always use the classes for these instructions, never the id of the element that is generated on the fly

- To display the amount in the button. The statement is therefore `Payline.jQuery(".paylineWidget .pl-pay-btn, .PaylineWidget .pl -btn").Text('Pay' + Payline.Api.getContextInfo('PaylineFormattedAmount'));`
- This statement must be called when the widget triggers the " `didshowstate` " event with the `PAYMENT_METHODS_LIST` state .

For more JQuery or CSS customization information, [please find the information here](#).

Linked pages

- [PW - JavaScript API](#)
- [PW - Widget customization: JQuery](#)
- [PW - Widget customization: Style sheet](#)