

# 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
endToken()	Ends the life of the web session token (token obtained via DoWebPayment).  The parameters: (additionalData: any, callback: Function, spinner: any, handledByMerchant: boolean)	<pre>Payline.Api.endToken(null, function() {   window.location.href = Payline.Api.   getCancelAndReturnUrls().cancelUrl; }, null, true);</pre> <pre>// 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>
finalizeShortcut()	Triggers the finalization of the Shortcut payment (to be called in context.state PAYMENT_TRANSITIONAL_SHORTCUT)	
getBuyerShortcut()	Returns a complex object containing the buyer's data from the shortcut partner.  This function is available in a context of state = PAYMENT_TRANSITIONAL_SHORTCUT.	<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>
getCancelAndReturnUrls()	Returns a complex object containing the returnUrl and the cancelUrl from the DoWebPayment	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>

getContextInfo(key)	Returns context information using its key among the following values.	<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>
getCssIframeWhiteList()	Returns the list of CSS primitives accepted to style the protected fields (Credit card, CVV, etc.).	getCssIframeWhiteList(): any
getFragmentedPaymentInfo()	<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": [     503200XXXXXXXXXX1166: "50,00 EUR"   ] }</pre>
getLanguage()	Returns the language key of the widget (passed in the DoWebPayment frame).	"en", "fr", ...

getOrderInfos()	<p>Allows you to retrieve a complex object containing:</p> <ul style="list-style-type: none"> <li>the amount with the currency all formatted</li> <li>the order reference</li> <li>the name of the point of sale</li> <li>a complex object representing the address with: <ul style="list-style-type: none"> <li>address1</li> <li>address 2</li> <li>city</li> <li>Postal code</li> </ul> </li> </ul>	<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: <a href="#">installment payment N times</a> 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.	Payline.Api.show(): void
toggle()	If the widget is displayed, this method hides it, otherwise it displays it.	
updateWebpaymentData()	<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 ( <a href="#">see the link of the admin center</a> ).</p>	<pre>Payline.Api.updateWebpaymentData(Payline.Api.getToken(), { "payment": { "amount": 100, "currency": "978" } }, function (response) {      if(response.status !== 200) {          alert("Error occurred 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"              }, {                  "ref": "00002 (ref2)",                 "price": "50",                 "quantity": "1",                 "comment":  "comment2 (rem2)",                  "category": "1",                 "brand": "My HERMES  (brd2)",                  "subcategory1":  "HERMES",                  "subcategory2":  "FOULARD",                  "additionalData": "  LegalAge=18;Discount=0105",                  "taxRate ": "1234"              }, {</pre>

```

"ref": "00003 (ref3)",
"price": "50",
"quantity": "1",
"comment":
"comment3 (rem3)",
"category": "1",
"brand": "My HERMES
"subcategory1":
"subcategory2":
"additionalData":
"taxRate ": "1234"
}, {
"ref": "00004 (ref4)",
"price": "50",
"quantity": "1",
"comment":
"comment4 (rem4)",
"category": "1",
"brand": "My HERMES
"subcategory1":
"subcategory2":
"additionalData":
"taxRate ": "4321"
}, {
"ref": "00005 (ref5)",
"price": "51",
"quantity": "1",
"comment":
"comment5 (rem5)",
"category": "1",
"brand": "My HERMES
"subcategory1":
"subcategory2":
"additionalData":
"taxRate ": "1234"
}
}
},
"buyer": {
"firstName": "Prénom",
"lastName": "Nom",
"email": "myemail@mail.com",
"mobilePhone": "+033600000000",
"shippingAddress": {
```



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