

Return Codes - Simulator

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Presentation

Payline offers two options :

- simulation of return codes with transaction amounts;
- simulation of return codes with card numbers.

You can use thoses web services with `doWebPayment` and `doAuthorization`.



You can only simulate Payline back return codes, it means codes beginning by 01 : [Return codes - Payline Back \(01\)](#)

Simulate a return code with the amounts

This table shows the list of amounts to be sent to Payline to simulate a return code from the authorization server of your bank. All return codes are therefore not simulated: case of an authentication error, internal error, etc. You can use them on the probate environment.

Amount to send	Return code response
333.00	00000
333.08	00000
333.05	01100
333.60	01103
333.02	01108
333.03	01109
333.13	01110
333.14	01111
333.51	01116
333.55	01117
333.56	01118
333.57	01119
333.58	01120
333.61	01121
333.63	01122
333.31	01199
333.54	01201
333.34	01202
333.38	01206

333.12	01902
333.30	01904
333.91	01907
333.96	01909
333.15	01912
333.16	01131
333.94	01913

More information on types (shortmessage) and descriptions (longmessage) see the page [Return codes - Payline Back \(01\)](#).

Simulate a return code by card number

If you want to simulate a particular return code, when entering your test card number in the payment form you need to replace the 10th digit by the number **9** then add the return code and complete the card number with the appropriate last digit.

This last digit must be calculated via a Luhn key generator.

Example : if you want to simulate the return code 01206 , in the payment form you will enter 497010346 **9 01206 6**.

The last digit was determined using a simulator from [dcode.fr](#) :

The screenshot shows a payment form simulation. On the left, a Google AdSense notice is displayed with the text "Annonce fermée par Google" and a blue button "Bloquer l'annonce". A red arrow points to the number "2" in the card number field "[497010346901208]", which is also labeled with a red "3". On the right, a section titled "Nombres générés avec l'algorithme de Luhn" contains a text input field with the number "497010346901208" (labeled with a red "1") and a "VÉRIFIER" button (labeled with a red "2"). Below this is a button labeled "CALCULER LE CHIFFRE DE CONTRÔLE".

This operating mode is valid for the moment only for codes starting with "01XXX" and CB, VISA, MC cards.

The most used codes work: 01119, 01116, 01100, 01108, ...

Payline does not yet simulate all return codes, such as 01197 and 01198.

 Note that this simulation method takes over the amount simulation described above.

The merchant is therefore able to manage card numbers.

