



PayPal & Domino

Bernhard Kolb

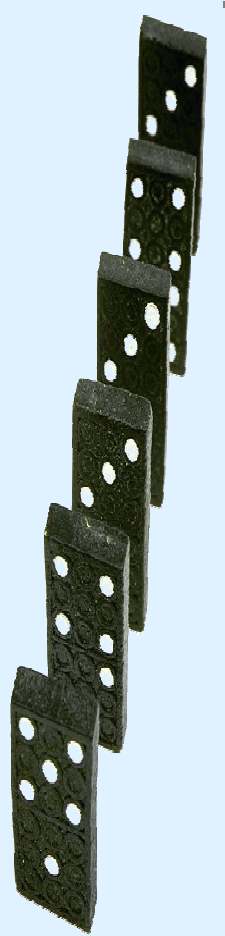
EBE-GmbH

www.ebe-edv.com

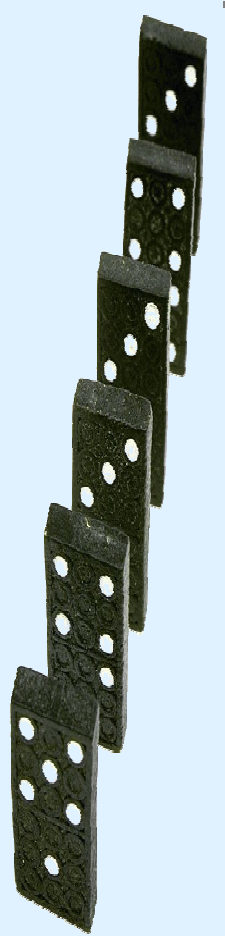
Online bezahlen...PayPal!

- 
- A vertical stack of several dominoes, showing different faces with dots, positioned on the left side of the slide.
- Einrichten eines Kontos
www.paypal.de
 - Konto hochstufen (Premiumkonto)
 - IPN (Instant Payment Notification)
url im PayPal-Profil

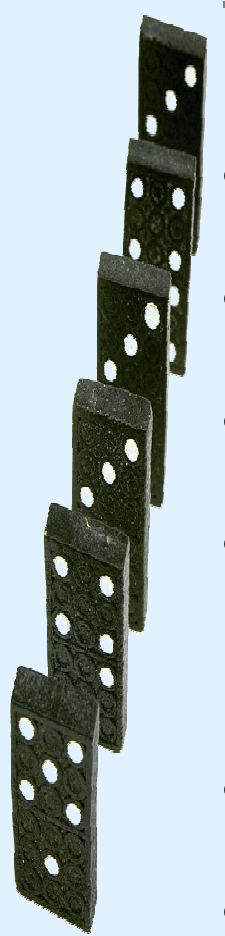
Wege zum Geld

- 
- A vertical stack of several dominoes, showing different faces with dots, arranged in a slightly curved line.
- Buy now , Donation
 - Nur ein Item
 - Cmd=„_xclick“
 - 3rd Party Shopping Cart
 - Einzelpositionen an PayPal übergeben
 - Cmd=„_cart“

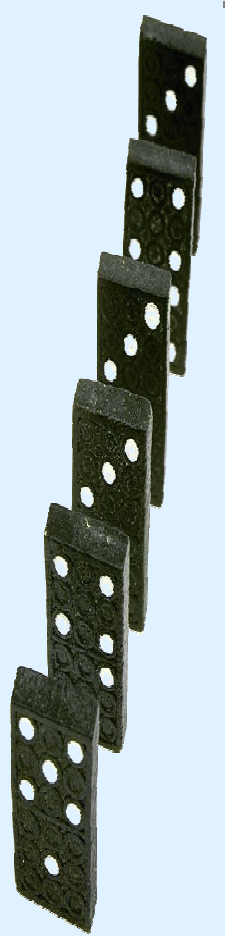
Ablauf

- 
- A vertical stack of several dominoes, showing different faces with dots, positioned on the left side of the slide.
- Item bzw Shopping Cart im HTML
 - Liste von hidden-fields
 - Submit an Paypal
 - Action=<https://www.paypal.com/cgi-bin/webscr>
 - Paypal ruft unseren URL auf
 - Dies gilt als Zahlungsbestätigung

Notes Anwendung

- 
- A vertical stack of several dominoes, showing different faces with dots, positioned on the left side of the slide.
- Form Produkt (Nr, Bezeichnung, Preis)
 - Form Order
 - View Produkte
 - View orders (kategorisiert nach Besteller)
 - Agent Bestellung
 - Agent orderSubmit

Shopping Cart

- 
- A vertical stack of several dominoes, showing different faces with dots, arranged in a slightly curved line.
- Globale Felder
 - Name=„cmd“ value = „_cart“
 - Name=„currency_code“ value = „EUR“
 - Name=„business“ value = „mymail@me.com“
 - Name=„upload“ value = „1“
 - Felder je Item
 - Name=„item_number_x“ value = „4711“
 - Name=„item_name_x“ value = „PC“
 - Name=„quantity_x“ value = „2“
 - Name=„amount_x“ value = „29.90“



Bestellung Code 1/2

Sub Initialize

vbCrLf = Chr\$(13) & Chr\$(10)

Dim s As New NotesSession

Dim db As NotesDatabase

Set db = s.CurrentDatabase

Dim view As NotesView

Set view = db.GetView("Produkte")

Dim doc As NotesDocument

Set doc = view.GetFirstDocument

Print "<form action=""https://www.paypal.com/cgi-bin/webscr"" method=""post"">" & vbCrLf

Print "<input type=""hidden"" name=""cmd"" value=""_cart"">" & vbCrLf

Print "<input type=""hidden"" name=""business"" value=""bernhard.kolb@ebe-edv.com"">" & vbCrLf

Print "<input type=""hidden"" name=""upload"" value=""1"">" & vbCrLf

Print "<input type=""hidden"" name=""currency_code"" value=""EUR"">" & vbCrLf



Bestellung Code 2/2

i=1

While Not doc Is Nothing

```
Print "<input type=""hidden"" name=""item_number_" & i & "" value="" & doc.artnr(0) & "">" & vbCrLf
```

```
Print "<input type=""hidden"" name=""item_name_" & i & "" value="" & doc.bezeichnung(0) & "">" & vbCrLf
```

```
Preis = Replace(Format(doc.preis(0),"0.0"),",",".")
```

```
Print "<input type=""hidden"" name=""amount_" & i & "" value="" & preis & "">" & vbCrLf
```

```
Print "<input type=""hidden"" name=""quantity_" & i & "" value=""1"">" & vbCrLf
```

i=i+1

Set doc = view.GetNextDocument(doc)

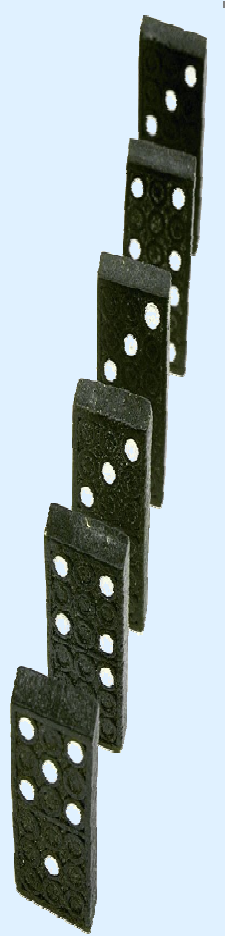
Wend

```
Print "<input type=submit value=""Kaufen"">" & vbCrLf
```

```
Print "</form>"
```

End Sub

PayPal Notification

- 
- A vertical stack of several dominoes, showing different faces with dots, positioned on the left side of the slide.
- Email
 - Online abfrage
 - IPN (Instant Payment Notification)
 - PayPal ruft angegebenen URL auf
 - Unsre Applikation sendet den Inhalt zurück
 - PayPal liefert im HTTP-Response „verified“

IPN 1/3

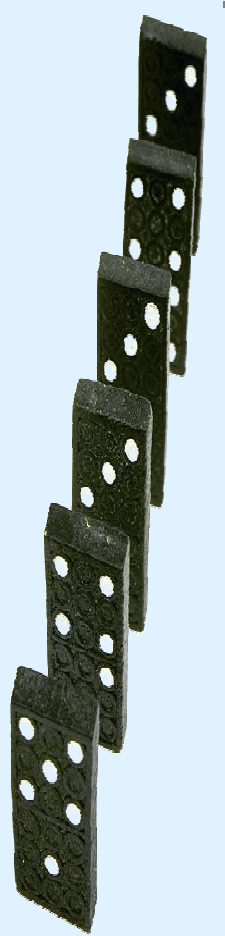
A vertical stack of several dominoes, showing different faces with dots, positioned on the left side of the slide.

```
Set o=CreateObject(, Msxml2.ServerXMLHTTP“)
url=„www.paypal.com/cgi-bin/webscr“
o.open("POST", "https://www.paypal.com/cgi-bin/webscr", false)
o.setRequestHeader("Content-type", "application/x-www-form-urlencoded,,)
o.Send(confstr)
```

- confstr stellt die erhaltenen informationen dar:

```
confstr = doc.request_content(0) & „&cmd=_notify-validate“
```

IPN 2/3

- 
- A vertical stack of several dominoes, showing different faces with dots, positioned on the left side of the slide.
- Rückgabewert auf „VERIFIED“ prüfen

```
If o.responseText = „VERIFIED“ then  
    processOrder(...)
```

```
End if
```

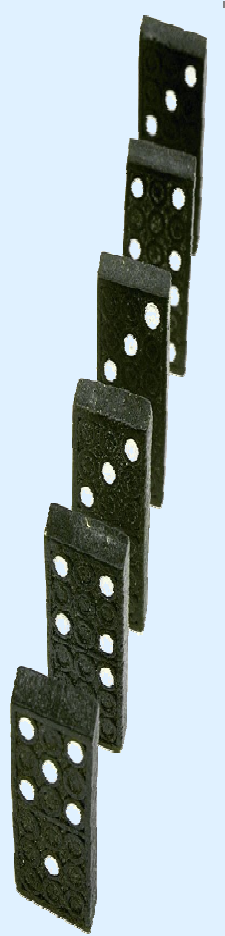
IPN 3/3

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Weitere Felder von PayPal

- Payer_email
- Receiver_email
- Txn_id
- Mc_currency
- Mc_gross (Betrag)
- Payment_status

Bausteine (Feldwerte auslesen)

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Sub Initialize

Dim s As New NotesSession

Dim doc As Notesdocument

Dim cgi List As String

Set doc = s.DocumentContext

werte = Split(doc.request_content(0), "&")

Forall content In werte

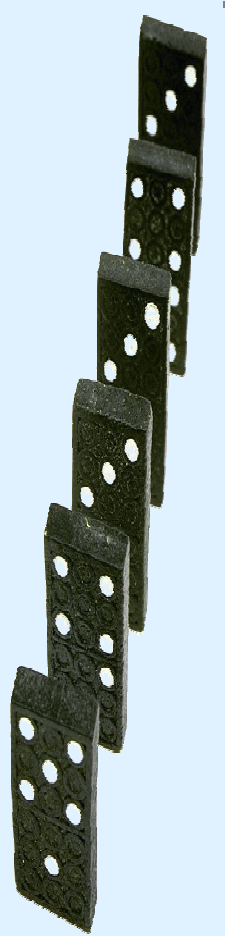
teile = Split(content, "=")

cgi(teile(0)) = teile(1)

End Forall

End Sub

HTTP Request absenden

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Sub Initialize

Set o= createObject("Msxml2.ServerXMLHTTP")

'Set o= createObject("Microsoft.XMLHTTP")

Call o.open("POST","http://192.168.2.186/EBE/smalltest/webform1.aspx",False)

Call o.setRequestHeader("Content-type","application/x-www-form-urlencoded")

Dim mystr As String

mystr = "cmd=hallo"

Call o.Send(mystr)

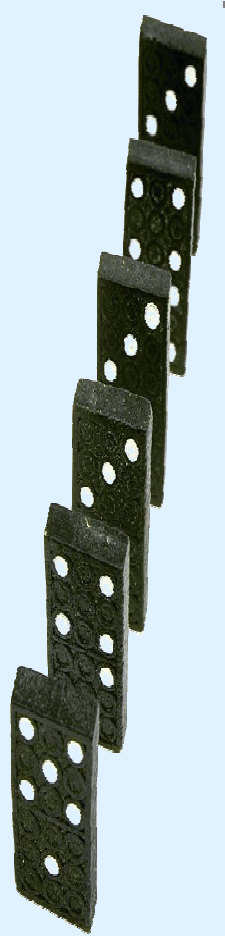
Msgbox(o.ResponseText)

Set o=Nothing

End Sub

oServerXMLHTTPRequest.open(bstrMethod, bstrUrl, bAsync, bstrUser, bstrPassword)

Buy now

A vertical stack of several dominoes, showing different faces with dots, positioned on the left side of the slide.

```
<form action="https://www.paypal.com/cgi-bin/webscr" method="post">
  <input type="hidden" name="cmd" value="_xclick">
  <input type="hidden" name="business" value="ich@meineemail.com">
  <input type="hidden" name="item_name" value="Item Name">
  <input type="hidden" name="currency_code" value=",,EUR">
  <input type="hidden" name="amount" value="0,00">

  <input type="image" src="http://www.paypal.com/de_DE/i/btn/x-click-but01.gif"
    name="submit" alt="Zahlen Sie mit PayPal - schnell, kostenlos und sicher!">
</form>
```

Eventuell die Anzahl vom User bestimmen lassen:

CGI Datentransfer

- 
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- Get
 - `Doc.query_string(0)`
 - Post
 - `Doc.request_content(0)`
 - Delimiter & und =



Source Ordersubmit 1/3

A vertical stack of several dominoes, showing different faces with dots, positioned on the left side of the slide.

```
Dim s As New notesSession
Dim doc As NotesDocument
Set doc = s.DocumentContext

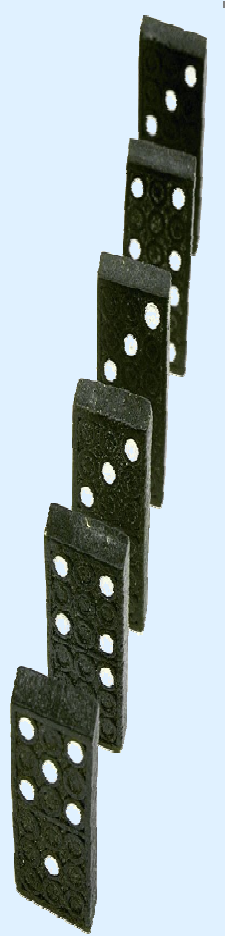
Print "Bestellung für " & doc.total(0) & "<br><br>"

Print "<form action=""https://www.paypal.com/cgi-bin/webscr"" method=""post"">" & vbcrLf

Print "<input type=""hidden"" name=""cmd"" value=""_cart"">" & vbcrLf
Print "<input type=""hidden"" name=""business"" value=""bernhard.kolb@ebe-edv.com"">" & vbcrLf
Print "<input type=""hidden"" name=""upload"" value=""1"">" & vbcrLf

Print "<input type=""hidden"" name=""currency_code"" value=""EUR"">" & vbcrLf
'todo: loop
Print "<input type=""hidden"" name=""item_name_1"" value="" & doc.orderitem1(0) & """">" & vbcrLf
Print "<input type=""hidden"" name=""amount_1"" value="" & paypalformat(doc.price1(0)) & """">" & vbcrLf
Print "<input type=""hidden"" name=""quantity_1"" value="" & doc.quantity1(0) & """">" & vbcrLf
```

Source Ordersubmit 2/3

A vertical stack of several dominoes, showing different faces with dots, positioned on the left side of the slide.

```
Print "<table border=""1""><tr>"
Print "<td><B>Anz</B></td>"
Print "<td>Ding</td>"
Print "<td>Preis</td>"
Print "<td><b>Gesamt</b></td>"
Print "</tr><tr>"
```

'todo: loop...

```
Print "<td>" & doc.quantity1(0) & "</td>" & vbcrLf
Print "<td>" & doc.orderitem1(0) & "</td>" & vbcrLf
Print "<td>" & doc.price1(0) & "</td>" & vbcrLf
Print "<td>" & doc.total1(0) & "</td>" & vbcrLf
```

Source Ordersubmit 3/3



```
Print "</table></tr>"
```

```
Print "<input type=submit value=""Kaufen"">" &  
vbCrLf
```

```
Print "</form>"
```

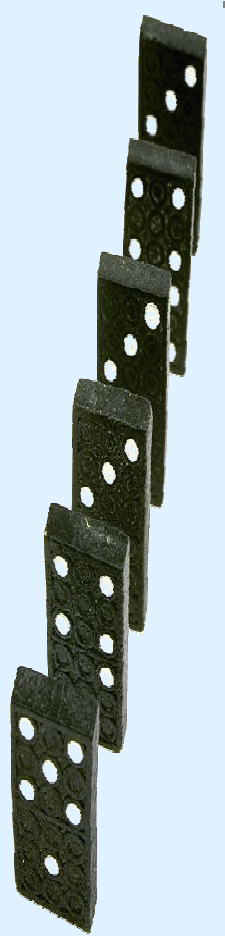
Feedback

Bitte die Bewertungsbögen ausfüllen!

Danke



Summary

- 
- A vertical stack of several dominoes, showing different faces with dots, arranged in a slightly curved line.
- Keine Setupkosten
 - 3,4 % plus 0,35 EUR je Transaktion
 - Relativ einfache Implementierung
 - HTML-Form mit Hidden Fields
 - Web Agent für Response
 - Sicher