

Using conditions ! Important !

- Free using of this software is allowed.
- Distribution is strictly prohibited.
- using only at your own risk.
- Liability, independent of reason, is absolutely impossible.
- There are no properties, no qualities and no features assured.
- There is no claim of support.

If you are don't agree this using conditions or you don't understand the sense, it's you interdict to install and use this software on to your computer system!

How to use CCValid.DLL ?

First, thank you for using this FREE release of my **CCValid.DLL** – the easy way to include a credit card and German "Personalausweis" number validation in to your own application(s).

1. Credit card validation

The current version of our **CCValid.DLL** exports the following functions:

```
Function CheckCard Lib "ccvalid.dll" (ByVal CCNumber As String) As Integer
```

This Function is all you need!

CCNumber must be an "onlynumber" string – no space's – no dash's

If the Credit card number is valid the function gives you -1 back else 0

```
Function CheckNumber Lib "ccvalid.dll" (ByVal CCNumber As String) As Integer  
Function CheckOrganization Lib "ccvalid.dll" (ByVal CCNumber As String) As Integer
```

These 2 Functions allows you, to check each information's separately.

It can be helpfully, when CheckCard fails.

CCNumber must be an "onlynumber" string – no space's – no dash's

If the Credit card number is valid the function gives you -1 back else 0

If the Credit card Organization is valid the function gives you -1 back else 0

```
Function IsAmex Lib "ccvalid.dll" (ByVal CCNumber As String) As Integer  
Function IsDC Lib "ccvalid.dll" (ByVal CCNumber As String) As Integer  
Function IsDisc Lib "ccvalid.dll" (ByVal CCNumber As String) As Integer  
Function IsJCB Lib "ccvalid.dll" (ByVal CCNumber As String) As Integer  
Function IsMC Lib "ccvalid.dll" (ByVal CCNumber As String) As Integer  
Function IsVisa Lib "ccvalid.dll" (ByVal CCNumber As String) As Integer
```

With these 6 Functions you can determine the card type.

CCNumber must be an "onlynumber" string – no space's – no dash's

If the credit card organization is found the function gives you -1 back else 0

For more informations, see the as well delivered example applications!

2. German "Personalausweis" number validation

The German "Personalausweis" number is combination of numeric and alphanumeric characters. You will find it on the bottom of the German "Personalausweis". The number looks like:

7637362765D<<8512246<0512310<<<<<4

The current version of our **CCValid.DLL** exports the following functions:

`Function CheckGPANo Lib "ccvalid.dll" (ByVal GPANo As String) As Integer`

GPANo must be commit in the format below. If the format isn't correct, the validation fails or give you a wrong result. If the German "Personalausweis" number is valid the function gives you -1 back else 0

`Function CheckGPANoExpired Lib "ccvalid.dll" (ByVal GPANo As String) As Integer`

GPANo must be commit in the format below. If the format isn't correct, the validation fails or give you a wrong result. If the validity duration is NOT expired (means "valid") the function gives you -1 back else 0

Hint! The determination of the date of expire is difficult, because the year is saved in the old two-digit format. If you in doubt, please verify the personal document manually.

`Function CheckGPANoAge Lib "ccvalid.dll" (ByVal GPANo As String) As Integer`

GPANo must be commit in the format below. If the format isn't correct, the validation fails or give you a wrong result. The function give you the age of the document owner back or 0 if something wrong.

Hint! The age determination is difficult, because the year is saved in the old two-digit format. If you in doubt, please verify the personal document manually.

Based upon the example above: **7637362765D-8512246-0512310-4**

If you have any additional question or do you will report a bug, please contact me over <http://www.nuetzlicheDinge.de/kontakt.htm>. **Thank you.**

Enrico Mueller
EMSC-easy to use...®

Munich, April 2003