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\ -----Lang-----
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\ Datum und Zeit: 03.09.08, 10:08:18
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\ Methode: GoogleChart
\ Beschreibung
\
\ The Google API is located at: http://code.google.com/apis/chart/
\ A sample Google http call would be:
\ http://chart.apis.google.com/chart?cht=p3 & chd=t:60,40 & chs=250x100 & chl=Hello | \
\
\ Here is a simple routine that can retrieve Google Chart into a picture variable.
\ Just pass your Google call to $1, and a pointer to a picture v$2.
\ The two supporting routines just make sure the filename used is unique
\ (UT_GetUniqueFileNameWExt) and the other just converts a Mac path to
\ a Unix Path.
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\ I created a form with a picture variable and was able to generate
\ charts on the fly with it. I did it with 4D 2004.7.
\ I will probably use it for some of my users.
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C_TEXT($1;$GoogleCall_vt)
$GoogleCall_vt:=$1

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C_POINTER($2;$GoogleChart_pic_ptr)
$GoogleChart_pic_ptr:=$2

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C_TEXT($TempFileName_vt;$MacFilePath_vt;$UnixFilePath_vt;$Command_vt)
$TempFileName_vt:="googlechart.png"

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$TempFileName_vt:=UT_GetUniqueFileNameWExt (Temporary folder;$TempFileName_vt)
$MacFilePath_vt:=Temporary folder+$TempFileName_vt
$UnixFilePath_vt:=UT_MacToUnixPath ($MacFilePath_vt)

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C_TEXT(Input_vt;Output_vt;Error_vt)
Input_vt:=""
Output_vt:=""
Error_vt:=""

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$Command_vt:="curl \"\"+$GoogleCall_vt+\"\" -o \"\"+$UnixFilePath_vt+\"\"

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LAUNCH EXTERNAL PROCESS($Command_vt;Input_vt;Output_vt;Error_vt)

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C_BLOB($PictureBlob_vx)

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If (Test path name($MacFilePath_vt)=Is a document )
DOCUMENT TO BLOB($MacFilePath_vt;$PictureBlob_vx)

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┌ If (ok=1)
├   BLOB TO PICTURE($PictureBlob_vx;$GoogleChart_pic_ptr->)
├ End if
├   DELETE DOCUMENT($MacFilePath_vt)
└ End if
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  \ ***** Ende der Methode: GoogleChart *****
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