

PDF printer plugin documentation (TobitProXL)

Version 6.1.2 - 25. august 2022

Thank you for evaluating our PDF mailing/printing and Outlook plugin.

Where to get the plugin:

<http://www.node.de/indexplug.htm>

System requirements:

4D 32/64 Engine/Mono/Server/Client v12.6 - v17.x/v17Rx/v18.x/v19.x
Older 4D versions (6.8.6/2003.8/2004.8/v11.9) are compatible with plugin v4
Windows 32bit and 64bit Systems (Win7 - Win 11, Win Server - 2003-2022)
Sorry no Mac OS or OSX

Price Information for version 6:

Please note: the plugin license is developer based. If your company has 3 developers, than you need 3 licenses.

We do not charge yearly using fees like other plugin vendors.

4D Plugin light € 538
only the 4D plugin (requires additional pdf printer licenses for each PC). PDF-XChange (standard or pro) v7 or v8 http://www.tracker-software.com
Ideal for in-house developers which doesn't need pdf features for client distribution
4D Plugin pro +PDF Printer € 948
4D plugin with Royalty Free pdf printer driver license.
(there are no extra license costs for each site or client) The PDF X-Change printer driver works only called from the 4D Plugin, otherwise it works in demo mode . Distribution to your clients only inside compiled enduser applications.
Ideal for commercial developers which needs a cheap pdf solution for unlimited client sites. This version comes with Royalty free pdf printer driver for client distribution.
4D Plugin plus All In € 1849 (recommended)
full Plugin package, includes the 4D Plugin pro version and the features from the plus version.
Ideal for commercial developers which needs a cheap pdf solution for unlimited client sites. with the included outlook archive functions, developers are able to build a complete outlook client inside 4d. Plus sync contacts, tasks and appointments with outlook. Plus contains also the control over the ultimate Tobit David Fax- and Message-Server

European Buyers, adds the VAT (no VAT for international buyers or with an EU VAT ID)

What will you get:

- 4D Plugin (win only 32/64 bit with mac stubs)
- 4D sample databases
- Serial to unlock the plugin
- PDF XChange 8 and 9 printer driver with silent install, to integrate within your installer (this is a commercial best selling, rock solid pdf printer driver, more information's <http://www.tracker-software.com>) The distribution of the PDF-XChange 8 - 9 printer driver is Royalty Free within your compiled enduser application.
(The light version of the plugin does not include the pdf printer license)
- the PDF X-Change 8 - 9 printer driver works only called from the 4D Plugin, otherwise it works in demo mode. (If you buy the light version, the pdf driver always works in demo mode until you have unlocked the driver with a separately purchased serial)

Short feature list Light and Pro version:

- switching between printer/pdf driver
- collecting several print jobs and converting it into one pdf file (sets the pdf printer in idle mode to combine several print jobs and external documents into one pdf file, mixed print of 4D Forms, 4D Write, 4D Write Pro, SuperReport, PrintList, 4D Report, integrate external pdfs and more ... is supported)
- ability to choose from different letter form pages for watermark background (first and following pages). Background files could be pictures or pdf files.
- set some pdf options (password, print, copy, change, annotations, title, owner, etc.)
- print pdf to smtp email with optional full styled html email text including pictures (the print job spooled into a temporarily pdf file and send the pdf to your smtp server without any user interaction, no 4D internet commands necessarily)
- print pdf to MS outlook email with optional full styled html email text including pictures (the print job spooled into a temporarily pdf file and send the pdf into your MS outlook mail client without any user interaction). (Options are send direct, save in drafts, save in drafts and show the mail in MS outlook Editor)
- send HTML e-mail with HTML styled body to your smtp server **[FREWARE]**
- send HTML e-mail with HTML styled body into your MS outlook **[FREWARE]**
- zip files from a source array **[FREWARE]**
- set color bookmarks during your pdf print jobs
- modify bookmarks within existing pdfs
- merge pdf files manually as an option
- convert external files to pdf
- delete pages from pdf files
- get some information about a pdf file (page count, protected, bookmarks, creator, keywords ...)
- optional individual mail coding (default is iso-8859-1)
- optional individual mail port for smtp e-mail sending (default is 25)
- just print what you want and get fantastic pdf results
- use all options and settings from the PDF driver

Short feature list Plus version:

- contains all features from plugin pro and additional ...
- Outlook plugin extended version
- Outlook contacts: Read and write Outlook contacts
- Outlook tasks: read and write Outlook tasks
- Outlook appointments: read and write Outlook appointments
- Outlook mails: read and send outlook emails (plain text and html)
- sync contacts, tasks and appointments with Outlook
- possibility to create an internal 4d Outlook e-mail client
- Tobit David contacts: write Tobit David contacts
- Tobit David appointments: write Tobit David appointments
- Tobit David mails: read and send emails (plain text and html)
- Tobit David sms: read and send sms
- Tobit David fax: read and send fax
- sync contacts and appointments with Tobit David

Limitations for demo version:

- without a valid serial the plugin works only for 30 minutes

Version 6.0: What's new since 5.0 release:

- updated and huge rewrite of the plugin, to handle the asynchronous pdf job handling since v17rX 64 bit
- support for 4D v17rX 64 bit and 4D v18 64 bit (prev. v5 breaks on v17.r4 64)
- resolved crash on quit with 4D v17rX 64 4D server
- TobitProXL_PdfStart changed (new values for parameter printer switch)
- better support for TS users, option to delete the virtual pdf drivers after finishing the print job
- TobitProXL_AddPdf changed (added Bookmark color parameter) delayed to 6.0.3
- fixed 64 bit 4D v17rX to print multiple print jobs into one pdf
- 6.0.3 removed macos stubs, cause since v14 "manifest.json" there are no longer needed
- 6.0.6 fix OL_MoveMessage (regarding a Microsoft bug with MS Exchange accounts)
- 6.0.7 fix 64Bit plugin unload on windows server
- 6.1.0 support PDF X-Change driver 9.0.356
- 6.1.0 fix outlook html embedded pictures like display on iOS and Apple Mail
- 6.1.0 fix allow comments and annotation for plugin encrypted pdf files
- 6.1.0 fix crash on 64 bit >= v18 4D server based pdf creation
- 6.1.1 fix 64 bit 4D v18 Server freezing in combination with ObjectTools plugin
- 6.1.1 fix outlook attachments visible in preview
- 6.1.1 notarized plugin for macOS 64 Bit distribution
- 6.1.2 TobitProXL_GetPDFBookmarks changed, allow to retrieve bookmark styles
- 6.1.2 TobitProXL_SetPDFBookmarks changed, allow to set bookmark styles
- 6.1.2 bookmark commands now use real arrays for pages, to set the jump destination to page coordinates
- 6.1.2 updated nodexchange.dll
- 6.1.2 updated TobitProXL.4DX

How to install:

Download the final version **pdf_printer6.zip** and expand the archive to this directory: "c:\PDF_Printer6\" on your system volume. **Note:** PDF driver is version 8 or 9 and plugin is version 6. (different vendors)

Inside this folder you'll find

- pdf_printer.pdf: (documentation)
- pdf_printerv8.exe: (the pdf X-Change printer driver with silent install).
- pdf_printerv9.exe: (the pdf X-Change printer driver with silent install).
- pdf_demo_v12 directory (4D v12.6 source with demo code)
- pdf_demo_v13 directory (4D v13.6 source with demo code)
- pdf_demo_v14 directory (4D v14.6 source with demo code)
- pdf_demo_v15 directory (4D v15.6 source with demo code)
- pdf_demo_v16.6 (with WritePro) directory (4D v16.6 source with demo code)
- pdf_demo_v17 (with WritePro) directory (4D v17r6) source with demo code)
- pdf_demo_v18 (with WritePro) directory (4D v18r6) source with demo code)
- pdf_demo_v19 (with WritePro) directory (4D v19) source with demo code)
- pdf_plugin: pdf plugin distribution directory. This directory contains also the notarized plugin
- BuildYourOwnInstaller: The PDF driver with a .BAT file as example how to integrate the installer inside your product installer (PDF driver v8 - v9)

Inside your **plugins** folder (4D v12/v13/v14/v15/v16/v17/v17Rx/v18/v19), you'll need these bundle folders:

place inside plugins: TobitProXL.bundle and Win32API.bundle

Win32API ist only needed if you like to print external files into pdf

Plugin commands (Light and Pro)

\$err:=TobitProXL_PDFStart(File/Path;PDF_Driver;PDF_Version;Printer_Switch;Progress) (changed with Version 6.0)

Initializes the pdf creation, switches from standard printer driver to the pdf x-change printer driver.

File/Path:TEXT	If you like to save the pdf as file, please give the full path as parameter. The pdf file creation have to finished with TobitProXL_Save. If you like to send the pdf via email, please give only the name for the attachment as parameter. The pdf file creation have to finished with TobitProXL_Send or TobitProXL_Send Smtip.
PDF_Driver:String	Returns the name of the current active pdf driver in use by the plugin
PDF_Version:Long	Returns initialized pdf driver version (6, 7 or 8)
Printer_Switch:Long	1 = switch only 4D Printer, 2 = switch 4D and system printer New Parameter available: 3 = switch only 4D Printer and deletes the virtual driver at TobitProXL_Save or TobitProXL_SendSmtip 4 = switch 4D and system printer and deletes the virtual driver at TobitProXL_Save or TobitProXL_SendSmtip On Windows Terminal Servers use the new solution with parameter 3 or 4 for the printer switch to avoid ghost drivers if the users does not log out.
Progress:Long	0 = suppress pdf progress windows, 1 = show progress window
\$err:Long	Return value 0: OK 1: PDF-XChange printer not found 2: PDF Filename missed 3: distribution dll not found 4: no valid license or demo license expired 5: previous pdf job not completed

Sample to create and save a pdf file:

```
$err:=TobitProXL_PDFStart („c:\mypdf.pdf“;$vS_drivername;$vL_version;2;1)
If ($err=0)
  `*** print something
  `*** close job, finish the pdf and reset the standard printer driver
  $err:=TobitProXL_Save
end if
```

Sample to create a pdf file and mail this with standard mapi:

```
$err:=TobitProXL_PDFStart ("mypdf.pdf";$vS_drivername;$vL_version;2;1)
If ($err=0)
  `*** print something
  `*** initialize to, cc, bcc and subject for mail
  TobitProXL_Email ("info@mail.de";"info2@mail.de";"";"Test Mail")
  `*** initialize body text for mail
  TobitProXL_MsgBody ("this is the body text")
  `*** close job, finish the pdf call Mapi and reset the standard printer driver
  $err:=TobitProXL_Send
End if
```

Note: to suppress errors, please check that there is only one pdf printer driver installed which name starts with PDF-Xchange current version „**PDF-Xchange standard**“ **v9.2 Build 358**.

When using the **4D Print Form or Print Selection** command, 4D fails sometimes to properly toggle to the pdf printer driver.

For this reason, you have to integrate a 4D dummy form which stores the "PDF-XChange" printer driver settings. (Set the PDF-XChange Driver as default printer, start your application in design mode, create a dummy form, call FILE PAGE SETUP, save and close your form, quit 4d, reselect your default printer and try it out.)

To activate the dummy form you have to call the dummy form with this 4d command before you can print properly your Print Form layout.

PAGE SETUP([constants];"myPDF_dummyform")

If you like also to print 4D Print Form layouts in landscape mode, please ensure that you also create and call a comparable form inside your database.

If you use Page Setup, then you need to set the printer_switch parameter to 2

If you like to print PDF files from other 4D plugins, please have a look on our sample database how to print from 4d Write. Maybe some 4D plugins like 4D Write etc. should be printed from offscreen areas to force 4D to use the PDF printer driver.

\$err:=TobitProXL_Save

Saves and closes the pdf file creation initialized with TobitProXL_PDFStart
Restores the standard printer driver

Note: If TobitProXL_PDFStart uses a 3 or 4 as printer switch parameter, then the virtual pdf driver nodeXchange is deleted after TobitProXL_Save is finished. A good practice for terminal servers.

Sample:

```
`*** start pdf creation and switches the printer driver
$err:=TobitProXL_PDFStart ($PDFpath;$vS_drivename;$vL_version;2;1) `full path
is needed
If ($err=0)
  `*** print something
  `*** close job, finish the pdf and reset the standard printer driver
  $err:=TobitProXL_Save
end if
```

\$err:Long

Return value

0: OK

1: could not merge final pdf

5: attachment not found

\$err:=TobitProXL_Send

Saves and closes the pdf file creation initialized with TobitProXL_PDFStart
Restores the standard printer driver. And open the standard windows mapi mail client.

Note: If TobitProXL_PDFStart uses a 3 or 4 as printer switch parameter, then the virtual pdf driver nodeXchange is deleted after TobitProXL_Send is finished. A good practice for terminal servers.

```

Sample:
$PDFpath:="myPDF.pdf"
`*** start pdf creation and switches the printer driver
$error:=TobitProXL_PDFStart ($PDFpath;$vS_drivename;$vL_version;2;1) `only
document name is needed (no path)
If ($err=0)
`*** print something
`*** initialize to, cc, bcc and subject for mail
TobitProXL_EMail ("info@mail.de";"other@mail.de";"";"Test Mail")
`*** initialize body text for mail
TobitProXL_MsgBody ("this is the body text")
`*** close job, finish the pdf call Mapi and reset the standard printer driver
$error:=TobitProXL_Send
End if

```

\$err:Long Return value

0: OK
1: could not merge final pdf
2: error on using mapi
5: attachment not found

\$err:=TobitProXL_SetPdfVersion(PdfVersion) (new with version 5.2)

Set pdf version for the resulting pdf during pdf printing.

PdfVersion:Long PDF version

0 = Auto (PDF-XChange default = 4)
3 = 1.3 (Acrobat 3)
4 = 1.4 (Acrobat 5)
5 = 1.5 (Acrobat 6)
6 = 1.6 (Acrobat 7)
7 = 1.7 (Acrobat 8)

\$err:Long Return value

0: OK
1: no valid pdf version
3: dll not found

\$err:=TobitProXL_SendSmtP(SmtP_server;Account;Password;From;Priority;Ht ml;SendMethod;ReturnTxt;ArchivePath) (changed with version 5.2)

Saves and closes the pdf file creation initialized with TobitProXL_PDFStart
Restores the standard printer driver and sends pdf file to the defined smtp mail server or outlook. The send process works in background without any user interaction.

Note: If TobitProXL_PDFStart uses a 3 or 4 as printer switch parameter, then the virtual pdf driver nodeXchange is deleted after TobitProXL_SendSmtP is finished. A good practice for terminal servers.

```

Sample:
$RetText:=""
$PDFpath:="myPDF.pdf"
$error:=TobitProXL_PDFStart ($PDFpath;$vS_drivename;$vL_version;2;1) `only
document name is needed (no path)
If ($err=0)
`*** print something
`*** initialize to, cc, bcc and subject for mail
TobitProXL_EMail ("info@mail.de";"other@mail.de";"";"Test Mail")
`*** initialize body text for mail
TobitProXL_MsgBody ("this is the body text")

```

```

$smarty_server:=[Letter]smtp_server `smtp server from your mail provider
$smarty_account:=[Letter]smtp_account `account from your mail provider for the
from email address
$smarty_password:=[Letter]smtp_password `pw for the smtp account
$smarty_from:=[Letter]smtp_from `sender reply email address
$error:=TobitProXL_SendSmtP ($smtp_server;$smtp_account;$smtp_password;
$smarty_from;0;bUseHtmlBody;0;$RetText;")
End if

```

SmtP_server:String	your mail smtp server (maybe smtp.mail.com, please ask your provider or the ip adress if you have an inhouse mail server)
Account:String	Mail account name, please ask your provider. (if the smtp server is an inhouse ip address, the account sometimes is not mandatory)
Password:String	Mail account password, please ask your provider. (if the smtp server is an inhouse ip address, the password sometimes is not mandatory)
From:String	your own email address
Priority:Long	0=normal, 1=high, 2=low
Html:Long	0=plain body text, 1= html body text On html=1, the plugin interpretes the mail body text from TobitProXL_MsgBody as html code. The mail will be send with html header. The plain text part for older mail clients will be also created and send. If there are any pictures sources inside the html body text, the plugin converts these in correct email format. or or
SendMethod:Long	0=SMTP 1= Tobit David (send immediately) 2= MS OutLook (send immediately) 3= MS OutLook (hold in Drafts) 4= MS OutLook (hold in Drafts and auto open for manual send) If SendMethod = 2,3 or 4, the parameter for smtp authentication could be empty strings (SmtP_server, Account, Password) (If you use MS OutLook as a frontend for a unix mail server, then maybe you need to use other parameters as send method 5= MS OutLook (send immediately) 6= MS OutLook (hold in Drafts) 7= MS OutLook (hold in Drafts and auto open for manual send) 10= Tobit David (hold in Drafts and auto open for manual send)
ReturnTxt:Text	possible error message from windows or outlook
ArchivePath:Text	full filepath to copy the pdf after succesful sending

Note: If you have a fresh MS Office 2013 installation on your pc, the send mail with MS OutLook fails unless you have updated to the latest MS Service Pack.
You'll need OutLook 32 Bit for 32 Bit 4D or OutLook 64 Bit for 64 Bit 4D

\$err:Long	Return value 0: OK 1: could not merge final pdf 2: error on smtp send process 4: could not evaluate html, mostly if the embedded picture path is not correct 5: attachment not found 6: error accessing MS OutLook 9: error accessing outlook redemption 10: error open the eml mail file with tobit david 11: error copying the pdf to the ArchivPath
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If you get an error 6, then you have to check these points

- is the nodeOutLook.dll inside the active plugin
- is MS Outlook installed
- are the latest MS Office/Outlook Service Packs installed
- the mapi32.dll inside c:\windows\system32\ must be from Microsoft

Note: In some cases, mostly in restricted networks, users has no privileges to write to the windows registry. The nodeOutLook.dll needs write privileges to this registry path "HKEY_LOCAL_MACHINE\SOFTWARE\Redemption".

If you have an error 6 or error 9 and everything above is checked, then use the plugin function one times with administrator rights (right click execute as administrator). After the redemption entry is created, edit this entry right mouse click to adjust the access privileges for every user entry to full access. Then it should work fine.

The Redemption 3rd party dll is the only way to get MS Outlook access without any boring dialogs to allow access for a few minutes.

`$err:=TobitProXL_SimpleMail(To;Cc;Bcc;From;Subject;SMTP_Server;Account;Password;Priority;Html;Body;Attachments;SendMethod;ReturnTxt)`

Creates and send a email without any user interaction.

This Plugin command is freeware and does not need a valid license code. If you like to use it, initialize the plugin by calling the demo licence code. The demo timeout was not activated for this command. (`$err.=TobitProXL_License(„DEMO“;„DEMO“;„“)`)

Sample:

```

$RetText:=""
$mail_to:="info@node.de"
$mail_subject:="This is my Subject"
$mail_body:="This is my body"
$smtp_server:="smtp.mail.com" `smtp server from your mail provider
$smtp_account:="account" `account from your mail provider for the from email
address
$smtp_password:="****" `pw for the smtp account
$smtp_from:="mymail@mail.com" `sender reply email address
$cc:=""
$bcc:=""
$prio:=1
If (bUseHtmlBody=1)
  $mail_body:=Replace string($mail_body;"<br>" + Char(13);Char(13))
  $mail_body:=Replace string($mail_body;Char(13);"<br>")
End if
$err:=TobitProXL_SimpleMail ($mail_to;$cc;$bcc;$smtp_from;
  $mail_subject;$smtp_server;
  $smtp_account;$smtp_password;1;
  bUseHtmlBody;$mail_body;
  arrT_MailAttachments;0;$retText)
PDF_Error ($err;"Simple Mail Send") `show errors

```

To:Text	recipient for email
Cc:Text	carbon copy to
Bcc:Text	blind carbon copy to
	(to,cc,bcc could be formatted as
	"mail1@mail.com;mail2@mail.com;mail3@mail.com"

From:String your own email address
Subject:String subject for email
Smtp_server:String your mail smtp server (maybe smtp.mail.com, please ask your provider or the ip adress if you have an inhouse mail server)
Account:String Mail account name, please ask your provider. (if the smtp server is an inhouse ip address, the account sometimes is not mandatory)
Password:String Mail account password, please ask your provider. (if the smtp server is an inhouse ip address, the password sometimes is not mandatory)
Priority:Long 0=normal, 1=high, 2=low
Html:Long 0=plain body text, 1= html body text
On html=1, the plugin interpretes the mail body text from TobitProXL_MsgBody as html code. The mail will be send with html header. The plain text part for older mail clients will be also created and send as inline attachment.
If there are any pictures sources inside the html body text, the plugin converts these in correct email format.
 or or
Body:TEXT body text for email (html code or normal plain text code)
Attachments:Array Text Array, which contains the vaild pathes to optional attachments
SendMethod:Long 0=SMTP
2= MS OutLook (send immediatly)
3= MS OutLook (hold in Drafts)
4= MS OutLook (hold in Drafts and auto open for manual send)
If SendMethod = 2,3 or 4, the parameter for smtp authentication could be empty strings (Smtp_server, Account, Password)
(If you use MS OutLook as a frontend for a unix mail server, then maybe you need to use other parameters as send method
5= MS OutLook (send immediatly)
6= MS OutLook (hold in Drafts)
7= MS OutLook (hold in Drafts and auto open for manual send)
ReturnTxt:Text possible error message from windows

Note: If you have a fresh MS Office 2013 installation on your pc, the send mail with MS OutLook fails unless you have updated to the latest MS Service Pack.
You'll need OutLook 32 Bit for 32 Bit 4D or OutLook 64 Bit for 64 Bit 4D

\$err:Long Return value
0: OK
2: error on smtp send process
4: could not evaluate html, cause the included picture path is not correct.
5: attachment not found
6: error accessing MS OutLook
9: error accessing the registry to add/modify redemption entry

If you get an error 6, then you have to check these points
- is the nodeOutLook.dll inside the plugin folder
- is MS OutLook installed (no OutLook Express)
- are the latest MS Office/OutLook Service Packs installed

Note: In some cases, mostly in restricted networks, users has no privileges to write to the windows registry. The nodeOutLook.dll needs write privileges to this registry path "HKEY_LOCAL_MACHINE\SOFTWARE\Redemption" (the

Redemption entry shows some uneditable chars to protect copy paste).

If you have an error 6 or error 9 and everything above is checked, then use the plugin function one times with administrator rights (right click execute as administrator). After the redemption entry is created, edit this entry right mouse click to adjust the access privileges for every user entry to full access. Then it should work fine.

The Redemption 3rd party dll is the only way to get MS Outlook access without any boring dialogs to allow access for a few minutes.

Note: further description, see the red boxes for the TobitProXL_SendSntp command.

Note: This is a freeware part of the plugin, to use this, have a look on TobitProXL_License also inside your Startup method.

\$err:=TobitProXL_ListProfiles(Ar_ProfileNames) (new with Version 5.1)

Lists all profiles set up in the PDF printer PDF-X Change.

These profile names can optionally be used by TobitProXL_UseProfile when printing a pdf.

Ar_ProfileNames: Text Array (out) Name of the profiles created inside the PDF driver PDF-X Change

\$err:Long Return value

0: OK
1: Error reading the profiles
3: dll not found

\$err:=TobitProXL_UseProfile(T_ProfileName) (new with Version 5.1)

Sets the name of the profile whose settings are copied during PDF printing.

If an identically named profile does not exist, so this does not lead to an error, it will simply not be copied, for the default settings of the printer driver are used.

Thus the profile is taken into account, this function must be called before TobitProXL_PDFStart.

Once the PDF generation (storing or transmitting), the profile name will be rejected, so it must be set again before a new call TobitProXL_PDFStart.

It is just a single plugin command, but it is one of the most powerful plugin commands of this plugin. With this comamnd you can use all features which are present inside the pdf printer driver. A digital signature, overlays with pictures or text, document properties on opening, pdf size, pdf resolution, header and footer, optimizing options and much more

T_ProfileName: Text (in) Name of the pdf profile to use, must be prviously created inside the the PDF driver PDF-X Change

\$err:Long Return value

0: OK
1: Error reading the profiles
3: dll not found

\$err:=TobitProXL_AddPDF(Path;Bookmark)

Path:Text	Integrate an external PDF document to the current PDF creation. (With the previous versions, the pdf needs to be printed to integrated into a pdf creation)
Bookmark:String	An optional Bookmark to navigate inside the PDF. If you dont like to use this Bookmark option please format the parameter as an empty string.
\$err:Long	Return value 0: OK 1: no current pdf creation with TobitProXL_Start initiated 2: file not found under the given path 3: distribution dll not found 4: could not copy the source pdf to the working folder

\$err:=TobitProXL_SetStamp(StampPDF;DestPDF;FromPage;ToPage;Password) (new with Version 5.1)

Pastes the contents of the first page of StampPDF into the specified pages in a DestPDF. Unlike the Letterhead (Briefbogen) functions the content from StampPDF is placed in the foreground.
(The first page has page number 1)

StampPDF:	Textpath (in) PDF, which contains the stamp
DestPDF:	Textpath (in) PDF, in which the stamp is to be added
FromPage:	Longint (in) First page in the PDF to which the stamp is to be set
ToPage:	Longint (in) Last page in the PDF to which the stamp is to be set
Password:	Text (in) DestPDF password (if required)
\$err:Long	Return value 0: OK 1: PDF file could not be opened 2: PDF file could not be inserted 3: dll not found 4: no valid license or demo timeout

TobitProXL_Attach(Path)

Path:Text	Attach external documents to pdf emails, send as an attachment
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TobitProXL_MsgBody(Body) (changed with Version 5)

Body:Text	insert the body text for emails
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See TobitProXL_Send for sample code

TobitProXL_EMail(To;Cc;Bcc;Subject)

To:Text	recipient for email
Cc:Text	carbon copy to
Bcc:Text	blind carbon copy to (to,cc,bcc could be formatted as "mail1@mail.com;mail2@mail.com;mail3@mail.com")
Subject:String	subject for pdf emails

This procedure sets the receiver and subject for mails.

See TobitProXL_Send for sample code

TobitProXL_BriefbogenSimple(Pic3;Opt3{;Height3;Width3})

Define the background watermark picture for the next printjob. But normally you should use **TobitProXL_BriefbogenStandard**

Pic3/PDF:Text full path to the watermark picture, possible file types: emf, bmp, wmf, jpg, gif, pcx, tif (emf, bmp, jpg and wmf generates bigger file sizes than gif files with transparent background and slows down the pdf file creation)
also allowed: a path to a single page pdf file. If there is a pdf file as background selected, the following parameters has no function and could be "0"

Op3:Long position for the watermark picture on the pdf page
Possible options:
1: scaled and center to full size
2: centered without picture scaling
3: top left without picture scaling
4: top right without picture scaling
5: top center without picture scaling
6: bottom left without picture scaling
7: bottom right without picture scaling
8: bottom center without picture scaling

Optional parameters for manually sizing the background picture. Sometimes text logos need to be scaled manually to get crisp result into the final pdf.

Height3:Long manual height for the page watermark (0=no height)
Width3:Long manual width for the page watermark (0=no width)

TobitProXL_BriefbogenStandard(Pic1;Pic2;Opt1;Opt2{;Height1;Height2;Width1;Width2})

Pic1/PDF:Text full path for the optional background watermark for the first page. To suppress, place a blank string, possible file types: emf, bmp, wmf, jpg, gif, pcx, tif (emf, bmp, jpg and wmf generates bigger file sizes than gif files with transparent background and slows down the pdf file creation)

Pic2/PDF:Text full path for the optional background watermark for the following pages. To suppress, place a blank string, possible file types: emf, bmp, wmf, jpg, gif, pcx, tif (emf, bmp, jpg and wmf generates bigger file sizes than gif files with transparent background and slows down the pdf file creation)

also allowed: a path to a single page pdf file. If there is a pdf file as background selected, the following parameters has no function and could be "0"

Op1/Opt2:Long position for the watermark picture on the pdf page
Possible options:
1: scaled and center to full size
2: centered without picture scaling
3: top left without picture scaling
4: top right without picture scaling
5: top center without picture scaling
6: bottom left without picture scaling
7: bottom right without picture scaling
8: bottom center without picture scaling

Optional parameters for manually sizing the background picture. Sometimes text logos need to be scaled manually to get crisp result into the final pdf.

Height1:Long manual height for the first page watermark (0=no height)
Height2:Long manual height for the following pages watermark (0=no height)

Width1:Long manual width for the first page watermark (0=no width)
Width2:Long manual width for the following pages watermark (0=no width)

TobitProXL_PdfOptions(PW;PW;Opt1;Opt2;Opt3;Opt4;Opt5) (changed v5.2)

PW:String owner password
PW:String user password
Opt1:Long print permitted 1=yes, 0=no
Opt2:Long text copy permitted 1=yes, 0=no
Opt3:Long pdf change permitted 1=yes, 0=no
Opt4:Long encryption method and individual comments permitted
0 = RC4 40 Bit (>= Acrobat 3)
2 = RC4 128 Bit (>= Acrobat 5)
4 = AES 128 Bit (>= Acrobat 7)
6 = AES 256 Bit (>= Acrobat 9, experimentell)
8 = AES R6 mit 256 Bit (>= Acrobat X, experimentell)
adding 1 to this parameter, then the right to individual comments is granted
the encryption method must match the pdf version
Opt5:Long JPEG-compression for picts, in percent default is 60.

TobitProXL_PdfInfo(Titel;Subject;Owner;Application;Keywords)

Titel:String PDF Info titel
Theme:String PDF Info subject
Owner:String PDF Info owner name
Application:String PDF Info creator application
Keywords:String PDF Info keywords separated with blanks

\$err:=TobitProXL_License(Company;Name;Code)

Company:String company name
Name:String developer name
Code:String registration key

Sample:

```
$err:=TobitProXL_License(„DEMO“;„DEMO“;““)
```

activates the plugin for 30 minutes and free up the freeware commands

\$err:Long Return value
0: license valid
1: invalid license

Note: To use only the freeware parts of the plugin, the
TobitProXL_License("DEMO";"DEMO";"") command must be included inside your
startup (debut) method.

\$err:=TobitProXL_PdfMerge(Pdf1;Pdf2;PageNo)

Pdf1:Text Full path to source and destination pdf document.
Pdf2:Text Full path to source pdf document.
PageNo:Long Page Numer to insert pdf2 into pdf1. (0=insert after the end of pdf1)

\$err:Long Return value
0: OK
1: could not open pdf1
2: could not insert pdf2
3: distribution dll not found
4: no valid license or demo timeout

Sample:

```
$path1:="c:\mypdf1.pdf"  
$path2:="c:\mypdf2.pdf"  
$err:=TobitProXL_PdfMerge ($path1;$path2;0)  
PDF_Error ($err;"PDF Merge") ` show errors
```

\$err:=TobitProXL_PdfDeletePages(Pdfpath;Page_from;Page_to)

Pdfpath:Text	Full path to source pdf document.
Page_from:Long	first page to delete
Page_to:Long	last page to delete
\$err:Long	Return value

0: OK
1: could not open pdf
2: could not delete pages
3: distribution dll not found
4: no valid license or demo timeout

Sample:

```
$path:="c:\mypdf1.pdf"  
$err:=TobitProXL_PdfDeletePages ($path;2;3) ` delete page 2-3 from pdf  
PDF_Error ($err;"PDF delete") ` show errors
```

\$err:=TobitProXL_GetPdfInfos(Pdfpath;Titel;Subject;Author;Creator;Keywords;Application)

Titel:String	PDF Info titel
Theme:String	PDF Info theme
Owner:String	PDF Info owner name
Application:String	PDF Info creator application
Keywords:String	PDF Info keywords separated with blanks
\$err:Long	Return value

0: OK
1: could not open pdf
2: could not delete pages
3: distribution dll not found
4: no valid license or demo timeout

\$err:=TobitProXL_GetPdfPageCount(Pdfpath)

Pdfpath:Text	Full path to source pdf document.
\$err:Long	Return value

0: could not detect page count
>0: page count

\$err:=TobitProXL_GetPdfPWInfo(Pdfpath)

Pdfpath:Text	Full path to source pdf document.
\$err:Long	Return value

0: pdf file is not protected
1: pdf file is password protected

\$err:=TobitProXL_SetBookmark(Bookmark;Color;Style) (changed with Version 6.1.2)

Bookmark:String	Bookmark to set for the first page of the next print job
Color:Long	4D RGB color in hex example: 0x00000000 Black 0x00FF0000 Bright Red 0x0000FF00 Bright Green 0x000000FF Bright Blue 0x007F7F7F Gray 0x00FFFF00 Bright Yellow 0x00FF7F7F Red Pastel
\$err:Long	Return value 0: OK 3: distribution dll not found

\$err:=TobitProXL_LoadPage (Dest_Path;URL)

This command loads the destination url into a text file.

Dest_path:Text	Destination path to a text file
URL:Text	Web url
\$err:Long	Return value 0: OK 1: error on download 2: txt path or url is missing 3: nodeXchange.dll not found

Note: This is a freeware part of the plugin, to use this, have a look on TobitProXL_License also.

Sample:

```
VT_URL="http://www.4d.com"
$url_source="c:\mypage.txt"
If (Test path name($url_source)=Is a document )
  DELETE DOCUMENT($url_source)
End if

$err:=TobitProXL_LoadPage ($url_source;VT_URL)
PDF_Error ($err;"load url";8) ` show errors
If ($err=0)
  If (Test path name($url_source)=Is a document )
    SET BLOB SIZE($myBlob;0)
    DOCUMENT TO BLOB($url_source;$myBlob)
    If (OK=1)
      vOffset:=0
      vT_WebPage:=BLOB to text($myBlob;Text without length ;vOffset;32000)
      REDRAW(vT_WebPage)
    End if
  End if
End if
```

TobitProXL_AddFonts (EmbedFonts)

This command adds/embeds all used fonts to your resulting pdf file. This command must be called before the first print job. This command is optional.

If you use this command, the resulting pdf files increase a little bit.

EmbedFonts:Long 0 = don't embed (default), 1= embed all Fonts

\$err:=TobitProXL_GetPDFBookmarks (Source_Path; Bookmark; Pages; Passwd; Colors; Styles) (changed with Version 6.1.2)

Reads the bookmarks from a pdf file.

Source_path:Text	Path to a valid PDF document
Bookmark:(out)	Text Array, contains the bookmark strings from the pdf file corresponding to the pages array.
Pages:(out)	Real Array, contains the page numbers corresponding to the bookmark array. (Post-comma part indicates fraction of page, e.g. 4.30 for bookmark on 30% of page 4)
Passwd:String	optional pdf password
Colors:(out)	Longint Array, colors of the bookmarks
Styles:(out)	Longint Array, styles of the bookmarks (0 = normal; 1 = italic; 2 = bold; 3 = bold and italic)
\$err:Long	Return value 0: OK 1: could not open pdf file (check the path) 2: could not read bookmarks 3: nodeXchange.dll not found 4: no valid license

\$err:=TobitProXL_ClearPDFBookmarks (filename; {Passwd})

Clears all bookmarks from a pdf file.

Source_path:Text	Path to a valid PDF document
Passwd:String	optional pdf password
\$err:Long	Return value 0: OK 1: could not open pdf file (check the path) 2: could not delete bookmarks 3: nodeXchange.dll not found 4: no valid license

\$err:=TobitProXL_SetPDFBookmarks (Source_path; Bookmarks; Pages; Passwd; Color; Styles) (changed with Version 6.1.2)

Writes bookmarks to a pdf file. only 1 bookmark for each page is possible. (Please use TobitProXL_ClearPDFBookmarks before) See sample database.

Please insure, that there are no higher page values than existing pages.

Source_path:Text	Path to a valid PDF document
Bookmark:Array(in)	Text Array, contains the new bookmark strings for the pdf file corresponding with the pages array.
Pages:RealArray(in)	Real Array, contains the page numbers corresponding to the bookmark array.
Passwd:String	pdf password
Color:LongArray(in)	Longint Array, contains the 4d rgb colors corresponding to the bookmark entry.

Styles:LongArray(in) Longint Array, styles of the bookmarks
(0 = normal; 1 = italic; 2 = bold; 3 = bold and italic)

\$err:Long Return value

0: OK
1: could not open pdf file (check the path)
2: could not writebookmarks
3: nodeXchange.dll not found
4: no valid license or demo timeout

TobitProXL_MailCoding (CharSet)

Change the character set for the current mail. If this command is missing, the default character set iso-8859-1 for westeropean languages is used. This command don't codes chars by itself, it is expected that e-mail text and subject passed in the correct character set.

As a valid character set according to RFC 1521 encoding are a few examples listed there: http://en.wikipedia.org/wiki/ISO_8859-1

CharSet:String character set for the current mail

TobitProXL_MailPort (Port)

Change the the smtp port for the current mail. If this command is missing, the default port 25 is used.

Port:Long mail port for the current mail, only for smtp mails, default ist 25

\$err:=TobitProXL_Zip (Dest_Path;Source Array)

This command creates a zip file from the sources of the source array

Dest_path:Text Destination path for a new zip file
Sources:Text Array External sources to zip

\$err:Long Return value

0: OK
1: error on download
2: txt path or url is missing
3: nodeXchange.dll not found

Note: This is a freeware part of the plugin, to use this, have a look on TobitProXL_License also.

Plugin commands (Plus) Outlook mail

The Plugin Plus commands includes the Plugin Pro commands and additional the commands to interact mail archives with ms outlook and mail archives, mail sending, fax, contacts, events with the tobit david communication server.

To use the plus command, you'll need the plus license.

Inside the demo database there is a sample to browse ms outlook mail folders from 4D.

\$err:=OL_ListAccounts (Ar_Accounts)

List the names of all outlook accounts. See sample inside the demo database.

Ar_Accounts:	Text-Array(out)	Names of the outlook accounts
\$err:Long	Return value	
	0: OK	
	1: error accessing outlook	
	2: error get the accounts	
	3: nodeXchange.dll not found	
	4: no valid license or demo timeout	

\$err:=OL_ListFolder (Accountname; Ar_MailFolder;T_Defaultfolder; L_FolderType) (changed with Version 5.1)

List folders for the given account. See sample inside the demo database.

Note: this command has changed since last version

Accountname:	string	name of the outlook account (in)
Ar_MailFolder:	Text-Array (out)	List mail folders with subfolders in this way: folder folder/subfolder ...
T_DefaultFolder:	Text (out)	returns the default folder for the given account
L_FolderType:	Longint (in)	specifier to tell outlook which folder we like to get: valid specifiers are 1 = Mail 2 = Contact 3 = Appointment 4 = Task
\$err:Long	Return value	
	0: OK	
	1: error accessing outlook	
	2: error get the folders	
	3: nodeXchange.dll not found	
	4: no valid license or demo timeout	

\$err:=OL_ListMail (Ar_ID;Ar_From;Ar_To;Ar_Subject; Ar_Date;Ar_Time; Ar_Body;Ar_AttachCount;ReadFolder;Mailfolder;Mailaccount;Ar_MessageUUID)

Read the mails from outlook from the given account and mailfolder. See sample inside the demo database.

Ar_ID:	Text-Array(out)	outlook ID of the message
Ar_From:	Text -Array(out)	sender of the message
Ar_To:	Text -Array(out)	receiver of the message
Ar_Subject:	Text -Array(out)	subject of the message

Ar_Date:	Date-Array(out) date of the message
Ar_Time:	Long-Array(out) time of the message
Ar_Body:	Text-Array(out) Plaintext body of the message
Ar_AttachCount:	Long-Array(out) attachment count of the message
ReadFolder:	Longint(in) obsolete should be 0
Mailfolder:	Text(in) which mail folder, to get the list show OL_ListMailFolder
Mailaccount:	Text(in) name of the account
Ar_MessageUUID:	Text-Array(out) unique internet message id

\$err:Long	Return value
	0: OK
	1: error accessing outlook
	2: error get the folders
	3: nodeXchange.dll not found
	4: no valid license or demo timeout
	5: mailfolder not found for the account name

\$err:=OL_DeleteMail (MsgID; RealDelete)

Deletes a message from Outlook. See sample inside the demo database.

MsgID: string	MessageID of the message
RealDelete: Long	delete message (=1), or move to subfolder „EXPOSE Archiv“ (=2) This folder must be present as subfolder inside the folder of the message

\$err:Long	Return value
	0: OK
	1: error accessing outlook
	2: error delete the message
	3: nodeXchange.dll not found
	4: no valid license or demo timeout

\$err:=OL_ListStores (Ar_Store;Ar_Mail;DefaultStore) (new with 5.2)

Returns the names of all mail stores in Outlook.
This function, in combination with OL_SetStore, allows you to define the sender account in Outlook for TobitProXL_SendSmtm and TobitProXL_SimpleMail.
Each mail account in outlook uses a mail store (mostly the name of account and store are the same)

Ar_Store:	Text array (out) Name of the store
Ar_Mail:	Text array (out) Mail address to store (if available)
DefaultStore:	Text (out) Name of the default store

\$err:Long	Return value
	0: OK
	1: error accessing outlook
	2: Failed to determine the stores
	3: nodeXchange.dll not found
	4: no valid license or demo timeout

\$err:=OL_SetStore (StoreName)

Sets the store through which mails are sent via Outlook.
If an account can be determined from the store, this is also set.

sample to send an email from each outlook account

```
ARRAY TEXT(Ar_mailStore;0)
ARRAY TEXT(Ar_mailMail;0)
C_TEXT(mailDefaultStore)
```

```
$err:=OL_ListStores (Ar_mailStore;Ar_mailMail;mailDefaultStore)
```

```
For ($i;1;Size of array(Ar_mailStore))  
  $err:=OL_SetStore (Ar_mailStore{$i})  
  $smtp_from:=Ar_mailMail{$i}  
  $mail_subject:="Store Test4: "+Ar_mailStore{$i}  
  $err:=TobitProXL_SimpleMail($mail_to;$mail_cc;$mail_bcc;$smtp_from;....)  
End for
```

Storename:	Text name of the store
RealDelete: Long	delete message (=1), or move to subfolder „EXPOSE Archiv“ (=2) This folder must be present as subfolder inside the folder of the message
\$err:Long	Return value 0: OK 1: error accessing outlook 3: nodeXchange.dll not found 4: no valid license or demo timeout

\$err:=OL_MoveMessage(RetPath; MsgID; TargetDir; DeleteOrig)

Save a message from outlook inside the filesystem. See sample inside the demo database.

RetPath:Text (out)	Returns the complete path for the message file
MsgID:Text	unique message id from Outlook
TargetDir:Text	target folder to save the message file
DeleteOrig:Long	1= delete the source message, 2 move to subfolder „EXPOSE Archiv“, 3= save msg as html in path, 4=save as eml

Note: Parameter 2 works only with pop mail folders, if you like to get the mails stored in an imap account, then please add this folder in your email application. Not all mail provider are able to create own or subfolders.

\$err:Long	Return value 0: OK 1: error accessing outlook 2: message not found or no access to target path 3: nodeXchange.dll not found 4: no valid license or demo timeout 5: message could not delete from outlook
------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

\$err:=TobitProXL_Reply (MsgID; selektor)

Opens the message to send as reply. See sample inside the demo database.

MsgID: Text	Path or MessageID of the message
selektor: Long	use Tobit (=1) or Outlook (=2)

\$err:Long	Return value 0: OK 1: error accessing outlook or tobit 2: message not found 3: nodeXchange.dll not found 4: no valid license or demo timeout 5: invalid selektor
------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

\$err:=TobitProXL_ListAttach(MsgID; withPics; useTobit; Filenames)

List all attachments for the message. See sample inside the demo database.

MsgID:Text	MessageID of the message
withPics:Long	1= include pictures inside the html, 0= only real attachments
useTobit:Long	use Tobit (=1) or Outlook (=2)
FileNames:Txt-Array	Out Array shows the filenames of the attachments

\$err:Long	Return value
	0: OK
	1: error accessing outlook or tobit
	2: message not found
	3: nodeXchange.dll not found
	4: no valid license or demo timeout
	5: invalid selektor

\$err:=TobitProXL_ExtractAttach(MsgID; withPics; index; Filename; useTobit)

Save a file from the attachment list on the disk. See sample inside the demo database.

MsgID:Text	Message ID or path to the message file
withPics:Long	1= respect also the inline picture for the count, 0= respect only the real attachments.
index:Long	Position for the attachment file inside the attachment list from TobitProXL_ListAttach. Note, the count starts a 0
Filename:Text	Full path to save the attachment, filename must be included
useTobit:Long	Use Tobit (=1) or Outlook (=2)

\$err:Long	Return value
	0: OK
	1: error accessing outlook or tobit
	2: message not found
	3: nodeXchange.dll not found
	4: no valid license or demo timeout
	5: error saving the file to disk
	6: invalid index

Plugin commands (Plus) Outlook contacts, appointments, tasks

The Plugin Plus commands includes the Plugin Pro commands and additional the commands to sync contacts, appointments and tasks with microsoft outlook.

To use the plus command, you'll need the plus license.

Inside the demo database there is a sample how to do this.

The recommended way to sync contacts/appointments/task with ms outlook is this way.

1. add a boolean field (sync) to the contacts, appointments and task table. Checking this field allows the user to sync this record with outlook.
2. Add a table [outlook_sync] inside your structure to log which internal record is synced with outlook and with which outlook id. (See the demo)
Storing the outlook id not in the current record, allows you to build a multiuser outlook sync and allows you to sync the same record to different outlook accounts, without trouble. See our Method: **OL_UpdateSyncEntry**
3. store the last sync time and date into the preferences from the user, so it is easy to find out the changed records from 4d and outlook.
4. Store your 4D internal record UUID inside a outlook field, we recommend to use the outlook **GovernmentIDNumber** field.
5. Decide which system ist the master. 4D or outlook. If 4D, then first sync all changed 4D records to outlook, then get the changes from outlook and save them inside 4d.

If you need help to understand, please feel free to send me an email with your questions. There is sample code inside the demo database

\$return:=OL_GetContactCount (T_Foldername;T_Accountname;D_Changedate; U_Changetime)

Returns the number of all contacts in the desired Outlook folder.
Only contacts are considered that were created or modified after the specified date.

T_Foldername: Text (in) Specifies the path to the folder in the account in the format "folder / subfolder".
T_Accountname: Text (in) Specifies the name of the Outlook Accounts, where the folder is located.
D_Changedate: Date (in) Minimum date of last modification
U_Changetime: Time (in) Minimum time of last modification (in conjunction with Changedate

\$return:Long Return value (out) Number of contacts in the folder

\$return:=OL_GetTaskCount (T_Foldername;T_Accountname;D_Changedate;U_Changetime)

Returns the number of all tasks in the desired Outlook folder.
Only contacts are considered that were created or modified after the specified date.

T_Foldername: Text (in) Specifies the path to the folder in the account in the format "folder / subfolder".
T_Accountname: Text (in) Specifies the name of the Outlook Accounts, where the folder is located.
D_Changedate: Date (in) Minimum date of last modification
U_Changetime: Time (in) Minimum time of last modification (in conjunction with Changedate

\$return:Long Return value (out) Number of tasks in the folder

\$return:=OL_GetAppointmentCount (T_Foldername;T_Accountname;D_Changedate;U_Changetime)

Returns the number of all appointments in the desired Outlook folder.
Only contacts are considered that were created or modified after the specified date.

T_Foldername:	Text (in) Specifies the path to the folder in the account in the format "folder / subfolder".
T_Accountname:	Text (in) Specifies the name of the Outlook Accounts, where the folder is located.
D_Changedate:	Date (in) Minimum date of last modification
U_Changetime:	Time (in) Minimum time of last modification (in conjunction with Changedate)
\$return:Long	Return value (out) Number of appointments in the folder

\$err:=OL_GetItemProperty (T_ArrName;T_Propname)

Specifies a property that is to be interrogated when determining entries using OL_GetContacts, OL_GetTasks or OL_GetAppointments.
For each property to consider the function must be called once, these calls need before calling one of the above mentioned 3 Functions carried out.
The per "PropName" specified property must exist at each Outlook object.
Depending on the data type of the property, the name specified 4D variable is initialized to an array of type text or LongInt and filled, but this happens only later when calling one of the 3 functions.
It must be noted that Boolean values are returned in a LongInt array (0 = false, 1 = true), Date values in a text array in the format YYYY-MM-DDThh:mm:ssZ (Example 2015-12-30T18:46:52Z).
To distinguish this, the actual content type of the array is returned as a return value of this function.

T_ArrName:	Text (in) Text name of the 4D variable to which the return array to be written.
T_Propname:	Text (in) Text name of Outlook property that is to be read.
\$err:Long	Return value 0: undefined property unknown 1: Text 2: Longint 3: Date 4: Boolean

\$err:=OL_GetContacts(T_Foldername;T_Accountname;D_Changedate;U_Changetime;Ar_ItemIDs; T_errortext)

Reads all contacts from the specified folder and fills the previously created by OL_GetItemProperty arrays.
It returns only contacts that were created or modified after the specified date and time.

T_Foldername:	Text (in) Specifies the path to the folder in the account in the format "folder/subfolder"
T_Accountname:	Text (in) Specifies the name of the Outlook Accounts, where the folder is located.
D_Changedate:	Date (in) Minimum date of last modification
U_Changetime:	Time (in) Minimum time of last modification (in conjunction with Change Date)
Ar_ItemIDs:	Array Text (out) Outlook EntryID of the imported contacts.
T-errortext:	Text (out) Note Text in case of error.
\$err:Long	Return value 0: OK

- 1: Error accessing Outlook folders
- 3: dll not found
- 4: no valid license or demo timeout
- 5: folder not found, specified by account name and folder name

\$err:=OL_GetTasks(T_Foldername;T_Accountname;D_Changedate;U_Changetime;Ar_ItemIDs; T_errortext)

Reads all tasks from the specified folder and fills the previously created by OL_GetItemProperty arrays.
It returns only tasks that were created or modified after the specified date and time.

T_Foldername:	Text (in) Specifies the path to the folder in the account in the format "folder/subfolder"
T_Accountname:	Text (in) Specifies the name of the Outlook Accounts, where the folder is located.
D_Changedate:	Date (in) Minimum date of last modification
U_Changetime:	Time (in) Minimum time of last modification (in conjunction with Change Date)
Ar_ItemIDs:	Array Text (out) Outlook EntryID of the imported tasks.
T_errortext:	Text (out) Note Text in case of error.
\$err:Long	Return value 0: OK 1: Error accessing Outlook folders 3: dll not found 4: no valid license or demo timeout 5: folder not found, specified by account name and folder name

\$err:=OL_GetAppointments(T_Foldername;T_Accountname;D_Changedate;U_Changetime;L_Futureonly;Ar_ItemIDs; T_errortext)

Reads all appointments from the specified folder and fills the previously created by OL_GetItemProperty arrays.
It returns only appointments that were created or modified after the specified date and time.

T_Foldername:	Text (in) Specifies the path to the folder in the account in the format "folder/subfolder"
T_Accountname:	Text (in) Specifies the name of the Outlook Accounts, where the folder is located.
D_Changedate:	Date (in) Minimum date of last modification
U_Changetime:	Time (in) Minimum time of last modification (in conjunction with Change Date)
L_futureonly:	Longint (in) 0: read all appointments, 1: ignore events in the past.
Ar_ItemIDs:	Array Text (out) Outlook EntryID of the imported appointments.
T_errortext:	Text (out) Note Text in case of error.
\$err:Long	Return value 0: OK 1: Error accessing Outlook folders 3: dll not found 4: no valid license or demo timeout 5: folder not found, specified by account name and folder name

\$err:=OL_PutItemProperty (T_Propname;T_PropText_L_PropLong)

Sets a property that is to be subsequently stored on OL_PutContact, OL_PutTask or OL_PutAppointment in Outlook.
It can be saved only properties that exist at each object and are not marked by Microsoft as readonly.

Depending on the type of the property either propText (text) or propLong (Longint) is used.

Boolean values must be formatted as longint (1 = true 0 = false), Date values must be formatted as text in the format YYYY-MM-DDThh:mm:ssZ (Example 2015-12-30T18:46:52Z).

T_PropName:	Text (in) Name of the Outlook property.
T_PropText:	Text (in) Textvalue for text and date properties.
L_PropLong:	Longint (in) Longint value for longint, integer and boolean values
\$err:Long	Return value 0: successfully executedn 3: dll not found

\$err:=OL_PutContact(T_Foldername;T_Accountname;T_ItemID)

Stores a contact with the previously passed by OL_PutItemProperty properties.
If a (non-empty) ItemID is transferred, the corresponding entry in Outlook (if available) changed and the Folder Name is ignored, otherwise a new entry in the specified folder will be created and the new ItemID (Outlook EntryID) returned.

T_Foldername:	Text (in) Specifies the path to the folder in the account in the format "folder/subfolder"
T_Accountname:	Text (in) Specifies the name of the Outlook Accounts, where the folder is located.
T_ItemID:	Text (in/out) Outlook EntryID to be changed or newly created entry. For new entries, an empty string should be passed.
\$err:Long	Return value 0: OK 1: Error accessing Outlook folders 3: dll not found 4: no valid license or demo timeout 5: folder not found, specified by account name and folder name 6: Entry to Item ID is not found, there was a new entry created.

\$err:=OL_PutTask(T_Foldername;T_Accountname;T_ItemID)

Stores a task with the previously passed by OL_PutItemProperty properties.
If a (non-empty) ItemID is transferred, the corresponding entry in Outlook (if available) changed and the Folder Name is ignored, otherwise a new entry in the specified folder will be created and the new ItemID (Outlook EntryID) returned.

T_Foldername:	Text (in) Specifies the path to the folder in the account in the format "folder/subfolder"
T_Accountname:	Text (in) Specifies the name of the Outlook Accounts, where the folder is located.
T_ItemID:	Text (in/out) Outlook EntryID to be changed or newly created entry. For new entries, an empty string should be passed.
\$err:Long	Return value 0: OK 1: Error accessing Outlook folders 3: dll not found 4: no valid license or demo timeout 5: folder not found, specified by account name and folder name 6: Entry to Item ID is not found, there was a new entry created.

\$err:=OL_PutAppointment(T_Foldername;T_Accountname;T_ItemID)

Stores an appointment with the previously passed by OL_PutItemProperty properties.

If a (non-empty) ItemID is transferred, the corresponding entry in Outlook (if available) changed and the Folder Name is ignored, otherwise a new entry in the specified folder will be created and the new ItemID (Outlook EntryID) returned.

T_Foldername:	Text (in) Specifies the path to the folder in the account in the format "folder/subfolder"
T_Accountname:	Text (in) Specifies the name of the Outlook Accounts, where the folder is located.
T_ItemID:	Text (in/out) Outlook EntryID to be changed or newly created entry. For new entries, an empty string should be passed.
\$err:Long	Return value 0: OK 1: Error accessing Outlook folders 3: dll not found 4: no valid license or demo timeout 5: folder not found, specified by account name and folder name 6: Entry to Item ID is not found, there was a new entry created.

\$err:=OL_DeleteMail (OutLookID; RealDelete)

Deletes an entry from Outlook. The command is name DeleteMail, but it deletes also contacts, tasks and appointments

OutLookID: string	ID of an outlook entry
RealDelete: Long	delete entry(=1), or move to subfolder „EXPOSE Archiv“ (=2) This folder must be present as subfolder inside the folder of the entry
\$err:Long	Return value 0: OK 1: error accessing outlook 2: error delete the entry 3: dll not found 4: no valid license or demo timeout

Plugin commands (Plus) Tobit David Suite

The Plugin Plus commands includes the Plugin Pro commands and additional the commands for mail sending, fax, contacts, events with the tobit david communication server.

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\$err:=TobitProXL_MakeAdr(ReturnID; DisplayName; Company; FirstName; LastName; Salutation; Title; Birthday; Street; ZipCode; City; Country; Website; PhoneOffice; PhonePrivate; PhoneMobile; eMail; Fax; Notes; globalAdrBook)

legt eine neue Adresse im globalen Adressbuch an

ReturnID:	Text (in/out)	enthält die ID der Adresse. Wird hier ein (gültiger=existierender) Wert übergeben, so wird eine bestehende Adresse geändert, ansonsten wird sie neu angelegt.
DisplayName:String		Anzeigename der Adresse
Company:Text		Firma der Adresse
FirstName:String		Vorname der Adresse
LastName:String		Nachname der Adresse
Salutation:String		Anrede der Adresse
Title:String		Titel der Adresse
Birthday: String		Geburtstag der Adresse (als string, da Tobit diesen Wert auch als string und nicht als Datumswert verwaltet)
Street: String		Strasse der Adresse
ZipCode: String		PLZ der Adresse
City:Text- String		Ort der Adresse
Country: String		Land der Adresse
Website: String		Webseite der Adresse
PhoneOffice: String		Geschäftliche Telefonnummer der Adresse
PhonePrivate: String		Private Telefonnummer der Adresse
PhoneMobile: String		Mobilnummer der Adresse
eMail: String		eMail-Adresse
Fax: String		Faxnummer der Adresse
Notes:Text		Zusatz/Notiz zur Adresse
globalAdrBook: long		speichere Adresse im globalen (=1) oder im persönlichen (=0) Adressbuch

Rückgabewerte (long integer):

0: erfolgreich ausgeführt
1: Fehler beim Zugriff auf Tobit
3: DLL nicht gefunden
4: keine gültige Lizenz eingegeben bzw. Demo-Zeit abgelaufen

\$err:=TobitProXL_MakeDate(ReturnID; Subject; Location; StartDate; StartTime; StopDate; StopTime; Reminder; ReminderTime; Notes; Attendees)

legt einen neuen Termin im persönlichen Kalender an und benachrichtigt ggf. die zusätzlichen Teilnehmer

ReturnID:Text (i/o)		enthält die ID des Termins. Wird hier ein (gültiger=existierender) Wert übergeben, so wird ein bestehender Termin geändert, ansonsten wird er neu angelegt.
Subject:String		Betreff des Termins
Location:String		Ort des Termins
StartDate:Date		Anfangsdatum des Termins
StartTime:Time		Anfangszeit des Termins
StopDate:Date		Enddatum des Termins
StopTime:Time		Endzeitpunkt des Termins
Reminder: long		legt den Termin auf Wiedervorlage (bei Wert 1)

ReminderTime: long Gibt die Zeit in Minuten an, die zwischen Termin und Wiedervorlage liegen sollen. Möglich sind hier die Werte, die in der Dropdown-Liste „Erinnerung“ in Tobit angeboten werden, ggf. wird auf den nächsten Wert gerundet

Notes: Text Textinhalt zum Termin

Attendees: Txt-Array Liste der zusätzlichen Teilnehmer, wird der übergebene Wert nicht in der Liste der Tobit-User gefunden, so wird er als Adresse des Empfängers interpretiert

Rückgabewerte (long integer):

0: erfolgreich ausgeführt
 1: Fehler beim Zugriff auf Tobit
 3: DLL nicht gefunden
 4: keine gültige Lizenz eingegeben bzw. Demo-Zeit abgelaufen

\$err:=TobitProXL_ListMailFolder (Ar_TobitMailFolder)

Liefert alle Ordner inkl. Unterordner ab ArchiveRoot auf.

Ar_TobitMailFolder: Text-Array(out) Liste der Ordner und Unterordner in der Struktur
 Ordner
 Ordner/Unterordner
 ...

Rückgabewerte (long integer):

0: erfolgreich ausgeführt
 1: Fehler beim Zugriff auf Tobit
 2: Fehler beim Einlesen der Ordner
 3: DLL nicht gefunden
 4: keine gültige Lizenz eingegeben bzw. Demo-Zeit abgelaufen

\$err:=TobitProXL_ListArchive(Archive; MsgType; MsgDate; MsgTime; MsgFrom; MsgTo; MsgSubject; MsgBody; MsgPages; MsgID; MsgViewed; MsgAttachCount; withBody)

listet den Inhalt des Tobit-Archivs auf

Archive:String Pfad zum Tobit Archiv in TAS-Schreibweise ab "Archive". (So wie in der Statusleiste angezeigt), Beispiele:
 Benutzer/Deeg/Eingang
 Unverteilt/Faxe

MsgType: Text -Array(out) Typ der Nachricht (Mail, Fax, SMS, Voice, TMail, Video, Audio)

MsgDate: Date-Array(out) Sende- bzw. Empfangsdatum der Nachricht

MsgTime: Long-Array(out) ende- bzw. Empfangszeit der Nachricht

MsgFrom: Text -Array(out) Absender der Nachricht

MsgTo: Text -Array(out) Empfänger der Nachricht

MsgSubject: Text -Array(out) Betreff der Nachricht

MsgBody: Text-Array(out) Inhalt der Nachricht im Plaintext

MsgPages: Long-Array(out) Anzahl der Seiten (1 bei Nicht-Faxen)

MsgID: Text-Array(out) ID der Nachricht

MsgViewed: Long-Array(out) gelesen = 0, ungelesen = 1

MsgAttachCount: Long-Array(out) Anzahl der Anhänge

withBody: Long gibt an, ob der Nachrichtentext ebenfalls ausgelesen werden soll (=1)

Rückgabewerte (long integer):

0: erfolgreich ausgeführt
 1: Fehler beim Zugriff auf Tobit
 2: ungültiger Archivname
 3: DLL nicht gefunden
 4: keine gültige Lizenz eingegeben bzw. Demo-Zeit abgelaufen

\$err:=TobitProXL_MoveMessage(ReturnID; MsgID; TargetDir; DeleteOrig)

speichert eine vorhandene Nachricht im Dateisystem

ReturnID:Text (out) enthält den kompletten Pfad mit Dateinamen der gespeicherten Nachricht
MsgID:Text ID der Nachricht im Tobit ArchivSystem
TargetDir:Text Ordner, in dem die Nachricht gespeichert werden soll
DeleteOrig:Long bei Wert 1 wird die Original-Nachricht aus Tobit gelöscht

Rückgabewerte (long integer):
0: erfolgreich ausgeführt
1: Fehler beim Zugriff auf Tobit
2: Nachricht nicht gefunden oder keine Schreibrechte im Zielpfad
3: DLL nicht gefunden
4: keine gültige Lizenz eingegeben bzw. Demo-Zeit abgelaufen
5: Nachricht konnte nicht aus Tobit gelöscht werden

\$err:=TobitProXL_ListAttach(MsgID; withPics; useTobit; Filenames)

listet alle Anhänge einer Nachricht (Mail) auf

MsgID:Text Pfad oder MessageID der gespeicherten Nachricht
withPics:Long bei Wert = 1 werden ebenfalls die im HTML-Code eingebetteten Bilder aufgelistet, sonst nur die "eigentlichen" Anhänge
useTobit:Long gibt an, ob auf die Nachricht als EML im Dateisystem (=0), in Tobit (=1) oder in Outlook (=2) zugegriffen werden soll
FileNames: Text -Array(out)enthält die Dateinamen der Anhänge.

Rückgabewerte (long integer):
0: erfolgreich ausgeführt
1: Datei/Mail konnte nicht gelesen werden
2: Datei/Mail existiert nicht
3: DLL nicht gefunden
4: keine gültige Lizenz eingegeben bzw. Demo-Zeit abgelaufen

\$err:=TobitProXL_ListUser(Username; eMail; Inbox; Outbox)

listet alle Tobit-Benutzer auf

Username: Text -Array(out) Tobit Benutzername
eMail: Text -Array(out) eMail-Adresse des Benutzers
Inbox: Text -Array(out) Posteingang des Benutzers in TAS-Schreibweise
Outbox: Text -Array(out) Postausgang des Benutzers in TAS-Schreibweise

Rückgabewerte (long integer):
0: erfolgreich ausgeführt
1: Fehler beim Zugriff auf Tobit
3: DLL nicht gefunden
4: keine gültige Lizenz eingegeben bzw. Demo-Zeit abgelaufen

\$err:=TobitProXL_OpenMessage(Filename)

öffnet eine gespeicherte Nachricht im Tobit InfoCenter

Filename:String Pfad zur Datei (Hinweis: die entsprechende Dateiendung (.001, .eml, .vcf muss mit dem InfoCenter verknüpft sein, sonst öffnet sich keine bzw. eine falsche Anwendung)

Rückgabewerte (long integer):
0: erfolgreich ausgeführt

- 2: Fehler beim Öffnen der Datei
- 3: DLL nicht gefunden
- 4: keine gültige Lizenz eingegeben bzw. Demo-Zeit abgelaufen

\$err:=TobitProXL_ExtractAttach(MsgID; withPics; index; Filename; useTobit)

Speichert den Anhang einer Nachricht (Mail) im Dateisystem

MsgID:Text	Pfad oder MessageID der gespeicherten Nachricht
withPics:Long	bei Wert = 1 werden ebenfalls die im HTML-Code eingebetteten Bilder bei der Zählung berücksichtigt, sonst nur die "eigentlichen" Anhänge
index:Long	Position des Anhangs, an der er in der Rückgabeliste von TobitProXL_ListAttach auftaucht, beginnend bei 0.Bitte auf gleiche Angabe von withPics achten!
Filename:Text	Pfad mit Dateiname, unter dem der Anhang gespeichert werden soll
useTobit:Long	gibt an, ob auf die Nachricht als EML im Dateisystem (=0), in Tobit (=1) oder in Outlook (=2) zugegriffen werden soll

Rückgabewerte (long integer):

- 0: erfolgreich ausgeführt
- 1: Datei/Mail konnte nicht gelesen werden
- 2: Datei/Mail existiert nicht
- 3: DLL nicht gefunden
- 4: keine gültige Lizenz eingegeben bzw. Demo-Zeit abgelaufen
- 5: Fehler beim Speichern der Ausgabedatei
- 6: ungültiger Index

\$err:=TobitProXL_Reply (MsgID; selektor)

Öffnet eine vorhandene Nachricht zur Beantwortung.

MsgID: Text	Pfad oder MessageID der gespeicherten Nachricht
selektor: Long	gibt an, ob Tobit (=1) oder Outlook (=2) verwendet werden soll

Rückgabewerte (long integer):

- 0: erfolgreich ausgeführt
- 1: Fehler beim Zugriff auf Tobit bzw. Outlook
- 2: Fehler beim Zugriff bzw. Beantworten der Nachricht
- 3: DLL nicht gefunden
- 4: keine gültige Lizenz eingegeben bzw. Demo-Zeit abgelaufen
- 5: ungültiger Wert für selektor angegeben

Plugin commands (Plus) Tobit David Fax

If you like to use these features with www.tobit.com please contact us

\$err:=TobitProXL_TobitConnect ()

leitet die Erstellung eines Faxes oder einer SMS ein. Dabei wird der Standarddrucker auf „Tobit Fax-Image“ gesetzt und die nötigen Druckereinstellungen in der Datei „<windir>\Tobit.ini“ (bzw. unter TerminalServern „<Userprofile>\Windows\Tobit.ini“) vorgenommen.

Dazu wird die Datei Append.exe im gleichen Verzeichnis (Windows64) wie das PlugIn erwartet.

Weiterhin wird eine eindeutige JobID erzeugt und für die weitere Verarbeitung gespeichert.

Rückgabewerte (long integer):

- 0: Funktion wurde ausgeführt
- 1: Standarddrucker konnte nicht umgestellt werden oder „Tobit Fax-Image“ nicht gefunden
- 2: JobID konnte nicht in Registry gespeichert werden
- 3: DLL nicht gefunden
- 4: keine gültige Lizenz eingegeben
- 5: Druckereinstellungen konnten nicht vorgenommen werden oder „AppendFax.exe“ konnte nicht kopiert werden.

\$err:=TobitProXL_TobitStop ()

stoppt einen begonnenen Fax- oder SMS-Vorgang und stellt den Standarddrucker zurück

Rückgabewerte (long integer):

- 0: Funktion wurde ausgeführt
- 1: kein laufender Vorgang vorhanden
- 2: konnte temporäre Jobfiles nicht löschen
- 3: DLL nicht gefunden

\$err:=TobitProXL_TobitWait ()

stellt eine Nachricht automatisch auf Warten

Rückgabewerte (long integer):

- 0: Funktion wurde ausgeführt
- 1: kein laufender Vorgang vorhanden
- 3: DLL nicht gefunden

\$err:=TobitProXL_TobitFax (Receipt; Subject; Date; Time; Priority; From; toDescription; resolution; notify; SwitchPrinter)

setzt die nötigen Informationen für einen Faxauftrag

Receipt:string	Faxnummer des Empfängers
Subject:string	Betreffzeile (nur für DAVID)
Date:string	Sendedatum, z.B. „20.05.2005“
Time:string	Sendezeitpunkt, z.B. „18:50:06“
Priority:short integer	Priorität des Auftrags: 0 (normal), 1 (niedrig), 2 (hoch)
From:string	Überschreibt die eigene Kennung für diesen Auftrag
toDescription:string	Überschreibt die Adressat-ID in der Kopfzeile des Faxes
resolution:string	„HOCH“ (206x200 dpi), „NORMAL“ (206x100 dpi)
notify:short integer	Information über den Status (nur für DAVID): 0 (keine Meldung) 1 (nur den Abschlussstatus melden) 2 (Jeden Übertragungsversuch melden)

3 (nur bei einem Fehler melden)
4 (nur bei einem Fehler oder Abschlussstatus melden)
SwitchPrinter : Long ändert Drucker auf „Tobit Fax-Image“ 1=ändert Drucker nur in 4D, 2=ändert Drucker in 4D und Windows Standarddrucker

Rückgabewerte (long integer):
0: Funktion wurde ausgeführt
1: kein laufender Vorgang vorhanden
3: DLL nicht gefunden

\$err:=TobitProXL_TobitSMS(Receipt; Subject; Date; Time; From)

setzt die nötigen Informationen für einen SMS-Auftrag.
Die Nachricht selbst muss mit TobitProXL_TobitMsg gesetzt werden.

Receipt:string Mobilfunknummer des Empfängers
Subject:string Betreffzeile (nur für DAVID)
Date:string Sendedatum, z.B. „20.05.2005“
Time:string Sendezeitpunkt, z.B. „18:50:06“
From:string Absendernummer (geht nur mit Funkmodem)

Rückgabewerte (long integer):
0: Funktion wurde ausgeführt
1: kein laufender Vorgang vorhanden
3: DLL nicht gefunden

\$err:=TobitProXL_TobitMsg (Content)

setzt den Nachrichtentext einer SMS oder den vorangestellten Text eines Faxes

Content:Text Nachrichtentext einer SMS oder vorangestellter Text eines Faxes

Rückgabewerte (long integer):
0: Funktion wurde ausgeführt
1: kein laufender Vorgang vorhanden
3: DLL nicht gefunden

\$err:=TobitProXL_TobitAppend (filepath)

hängt eine vorhandene Datei an das Fax an. Die Datei muss im TIFF/G3-Format vorliegen, anzugeben ist der komplette UNC-Pfad, ansonsten wird die Datei unter DAVID\APPS\FAXWARE\OUT\IMG erwartet.

filepath:String Dateiname oder UNC-Pfad zur Datei

Rückgabewerte (long integer):
0: Funktion wurde ausgeführt
3: DLL nicht gefunden
-5: Anhänge sind bei SMS-Nachrichten nicht möglich
-40: kein laufender Vorgang vorhanden
-50: Fehler beim Speichern in temporärer Job-Datei

\$err:=TobitProXL_TobitPGBreak ()

fügt einen manuellen Seitenwechsel in das Fax-Dokument ein

Rückgabewerte (long integer):
0: Funktion wurde ausgeführt
3: DLL nicht gefunden
-5: Seitenumbrüche sind bei SMS-Nachrichten nicht möglich
-40: kein laufender Vorgang vorhanden
-50: Fehler beim Speichern in temporärer Job-Datei

\$err:=TobitProXL_TobitSend (ReturnID)

versendet die aktuelle Nachricht. Die ReturnID enthält die eindeutige Job-Kennung, die auch im Sendeprotokoll vermerkt wird (siehe TobitProXL_TobitCheck).

ReturnID:Text (out) enthält die eindeutige Job-Kennung

Rückgabewerte (long integer):

- 0: Funktion wurde ausgeführt
- 3: DLL nicht gefunden
- 10: David-Importverzeichnis konnte nicht ermittelt werden
- 20: keine Schreibberechtigung im David-Importverzeichnis
- 40: kann die temporäre Job-Datei nicht öffnen
- 57: kann temporäre Dateien nicht löschen

\$err:=TobitProXL_TobitCheck (JobID; deleteIfOK; ok; status; options; errorNo;errorDescription; statusTime; sendTime; pageCount; pagesSent; unitsCount; duration; triesDone; doctype; from; fromCSID; to; toCSID; Subject; costkey)

Prüft den Status einer versendeten Nachricht anhand der David Duplog-Einträge.

JobID:string	die eindeutige Nachrichtenennung, die von TobitProXL_TobitCheck zurück geliefert wurde
deleteIfOK:integer	Lösche Dokument nach senden (1 = löschen)
ok: short integer (out)	Kurzstatus: 2 (Fehler Abbruch), 1 (Fehler noch mal), -1 (nicht gefunden), 0 (erfolgreich versendet)
status:long (out)	interne Statusmeldung für den Support
options: long (out)	Rückmeldung der Tobit Optionen (Bits)
errorNo: long (out)	Fehlernummer (siehe Liste am Ende)
errorDescription:string (out)	Beschreibung des Fehlers
statusTime:string (out)	Datum und Zeit (beim letzten Sendeversuch)
sendTime:string (out)	Sendedatum und -zeit (bei erfolgreichem Versand)
pagesCount: long (out)	Anzahl der Seiten
pagesSent: long (out)	Anzahl der versendeten Seiten bei Fehlern
unitsCount: long (out)	benötigte Telefoneinheiten
duration: long (out)	Übertragungsdauer in Sekunden
triesDone: long (out)	Anzahl der bisher benötigten Versuche
doctype:string (out)	Dokumententyp („Mail“, „Fax“, „SMS“, „TMail“, „Voice“, „Audio“, „Video“ oder „Unknown“)
from:string (out)	Absender
fromCSID:string (out)	Absendekennung
to:string (out)	Empfänger
toCSID:string (out)	Kennung des Empfängers
Subject:string (out)	Betreffzeile der Nachricht
costkey:string (out)	Kostenschlüssel des Senders

Rückgabewerte (long integer):

- 0: OK
- 1: Nachricht wurde noch nicht bearbeitet (kein Eintrag in der Duplog)
- 3: DLL nicht gefunden
- 10: keine JobID angegeben

Ausführliche Fehlernummern:

OK	0
ERR_unknown_hardware_problem	10
ERR_nothing_to_poll	11
ERR_dial_error	20
ERR_busy_tone_detected	21
ERR_no_fax_machine	22
ERR_no_response	23

ERR_no_dial_tone	24
ERR_wrong_number	25
ERR_dial_locked	26
ERR_Baud_rate_to_low	27
ERR_no_response_from_distant	28
ERR_unknown_error	29
ERR_communication_error	30
ERR_transmission_error	31
ERR_error_at_end_of_page	32
ERR_error_on_page	33
ERR_image_not_found	34
ERR_incorrect_file_format	35
ERR_lost_carrier	36
ERR_break_by_user	37
ERR_Undefined	38
ERR_unknown_error_sending	39
ERR_Error_at_end_of_fax	50
ERR_Break_at_distant_station	51
ERR_No_carrier	52
ERR_Problem_at_end_of_fax	59
ERR_no_number	90
ERR_invalid_line	91
ERR_bad_command	92
ERR_TLD_removed	93
ERR_port_already_acquired	94
ERR_failed_to_configure_Port	95
ERR_error_COM_ext_control	96

\$err:=TobitProXL_TobitSetForm (number; filename)

Überschreibt den „Papierschacht“ number 0-3 der aktuellen Formularkonfiguration im DvISE Formular Manager mit dem Formular aus der Grafik filename. Die Grafiken (Format „PCX“ oder „BMP“) werden im Verzeichnis DAVID\APPS\FAXWARE\RESOURCE\FORM erwartet.

number:integer Nummer des Papierschachtes
filename:Text Dateiname der Grafik
Rückgabewerte (long integer):
0: Funktion wurde ausgeführt
1: kein laufender Vorgang vorhanden
3: DLL nicht gefunden

\$err:=TobitProXL_TobitSimpleForm (firstPage; nextPage)

Die beiden Argumente sind UNC-Dateinamen von Grafiken im PCX-Format. Die beiden Grafiken werden für die erste Seite (firstPage) und die Folgeseiten (nextPage) hinter ein Fax-Dokument gelegt. Dieser Befehl bietet die Möglichkeit, den DvISE Formular Manager zu umgehen und beliebige PCX-Grafiken als Formularseiten zu benutzen. Für blanke Seiten können die Argumente leer sein.

firstPage:Text Dateiname der Grafik für die erste Seite
nextPage:Text Dateiname der Grafik für die Folgeseiten
Rückgabewerte (long integer):
0: Funktion wurde ausgeführt
1: kein laufender Vorgang vorhanden
3: DLL nicht gefunden

\$err:=TobitProXL_TobitUseForm (number)

Wechselt den "Papierschacht" der aktuellen Formularkonfiguration. In der DvISE-Konfiguration des Formular Managers kann jedem der vier "Papierschächte" ein Formular zugewiesen werden, das als Grafikdatei im Verzeichnis

DAVID\APPS\FAXWARE\RESOURCE\FORM erwartet wird. Abhängig von der Einstellung des Formular Managers kann also beispielsweise im ersten Schacht der Firmenbriefbogen, im zweiten ein Zweitbogen und im dritten Schacht ein Bestellformular "installiert" sein. Jeder Job wird zunächst auf das Formular im ersten Schacht platziert. Erhält der DvISE Service Layer noch auf dieser Seite die Aufforderung zum Formularwechsel, so ist diese für die aktuelle Seite gültig und wird auch für die Folgeseite als Vorgabe verwendet. Das Formular wird dabei mit dem Text "vermischt", das Fax wird also nicht länger. Ist die Nummer des Schachts ungültig oder bei der entsprechenden Nummer ein Formular eingetragen, das nicht (mehr) vorhanden ist, wird der gesamte Befehl ignoriert.

number:short integer Nummer des Papierschachtes

Rückgabewerte (long integer):

- 0: Funktion wurde ausgeführt
- 1: kein laufender Vorgang vorhanden
- 3: DLL nicht gefunden

\$err:=TobitProXL_TobitUseLayout (layout)

Wechselt das Formularlayout zu einem anderen im DvISE Formular Manager definierten Formular-Layout. In der Konfiguration des Formular Managers sind die verfügbaren Formular- Layouts definiert. Diese können jedem Benutzer über die Benutzerkonfiguration oder die Services zugewiesen werden. Mit diesem Kommando kann die Zuweisung für den aktuellen Auftrag geändert werden. Als Parameter muss der Name des Formular-Layouts genannt werden.

Layout:string Name des Formularlayouts

Rückgabewerte (long integer):

- 0: Funktion wurde ausgeführt
- 1: kein laufender Vorgang vorhanden
- 3: DLL nicht gefunden

\$err:=TobitProXL_UserDir (index; DirName)

Liefert den Archivnamen des Persönlichen Archivs (index 1) oder des Archivs „Unverteilt“ (index 0) zurück.

index:long integer Gewünschtes Archiv

DirName:string (out) Name des Archivs

Rückgabewerte (long integer):

- 0: Funktion wurde ausgeführt
- 1: Fehler beim Zugriff auf das Archiv
- 2: Ungültiger Index angegeben
- 3: DLL nicht gefunden
- 4: Keine gültige Lizenz

Note to avoid errors

PDF creation needs printer driver

Sometimes our support gets some mails from 4D developers, whose tried the demo databases without the PDF printer driver installed.

The pdf creation parts of the demo, needs the pdf printer driver PDF-Xchange (pdf_printerv6.exe, pdf_printerv7.exe or pdf_printerv8.exe) installed.

Windows Server 2008, 2012, 2016, 2019 and newer

With Windows >= 2008 server set the following registry key to 1

```
HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\Session  
Manager\kernel\DisableExceptionChainValidation = 1
```

OutLook on Terminal Server

The plugin register the nodeOutLook.dll for sending mail with MS OutLook. On a multiuser Terminal Server, the dll has to be registered once and before any plugin call from the administrator from the console session to avoid conflicts. (User must be Administrator, not a user with administrator rights)

1. Create a directory "C:\ProgramData\nodeOutlook"
2. Copy 'nodeoutlook.dll' from our plugin/windows folder into this folder
3. Go to START-RUN type in cmd
4. Type in "cd C:\ProgramData\nodeOutlook" to change the directory
5. Type in "change user /install"
6. Type in "regsvr32 nodeoutlook.dll"
7. Type in "change user /execute"
8. Reboot the machine.

OutLook mail send error 6 or 9

If you get this error, please check:

- is MS OutLook installed
- are the latest MS Office/OutLook Service Packs installed
- the mapi32.dll inside c:\windows\system32\ must be from Microsoft

Note: If you have a fresh MS Office 2013 installation on your pc, the send mail with MS OutLook fails unless you have updated to the latest MS Service Pack.

**You'll need OutLook 32 bit for 32 bit 4D or
OutLook 64 bit for 64 bit 4D**

In some cases, mostly in restricted networks, users has no privileges to write to the windows registry. The nodeOutLook.dll needs write privileges to this registry path "HKEY_LOCAL_MACHINE\SOFTWARE\Redemption"

If you have an error 6 or error 9 and everything above is checked, then use the plugin function one times with administrator rights. After the redemption entry is created, edit this entry right mouse click to adjust the access privileges for every user entry to full access. Then it should work fine.

The Redemption 3rd party dll is the only way to get MS OutLook access without any boring dialogs to allow access for a few minutes.

OutLook Version

If you have a fresh MS Office 2013 installation on your pc, the send mail with MS OutLook 2013 fails unless you have updated to the latest MS Service Pack.

You'll need OutLook 32 BIT for 32 BIT 4D and OutLook 64 Bit for 64 Bit 4D

4D Print Form/Print Selection command

When using the **4D Print Form** or **4D Print Selection** command, 4D fails sometimes to properly toggle to the pdf printer driver.

For this reason, you have to integrate a 4D dummy form which stores the "PDF-XChange" printer driver settings. (Set the PDF-XChange Driver as default printer, start your application in design mode, create a dummy form, call FILE PAGE SETUP, save and close your form, quit 4d, reselect your default printer and try it out.)

To activate the dummy form you have to call the dummy form with this 4d command before you can print properly your Print Form layout.

PAGE SETUP([constants];"myPDF_dummyform")

If you like also to print 4D Print Form layouts in landscape mode, please ensure that you also create and call a comparable form inside your database.

If you like to print PDF files from other 4D plugins, please have a look on our sample database how to print from 4d Write. Maybe some 4D plugins should be printed from offscreen areas to force 4D to use the PDF printer driver.

4D Server 32/64 PDF creation

Start the demo source with 4d Server 32 oder 64 bit. On the server start a web browser and type <http://127.0.0.1:8080> then it fires the pdf creation sample.

4D Server PDF creation from a service

See the previous point and have a look at the plugin folder, there is a word doc which describes the needed steps.

Some Admins gets this working only if the 4D Server service mapped with an user account at the service preferences.

Which PDF printer version ?

The current 4D plugin release works with the provided

PDF-Xchange printer driver v8 (pdf_printerv8.exe, **latest version**) or

PDF-Xchange printer driver v7 (pdf_printerv7.exe) or

PDF-Xchange printer driver v6 (pdf_printerv6.exe, **old version**)

If both versions 6 and 8 and/or 7 are installed, then the plugin uses the latest PDF-Xchange printer driver. **We recommend to use the pdf x-change v6 driver as long as your os supports this driver version, cause it creates the smallest pdf files, or the latest pdf x-change v8 driver.**

If you bought the 4D pdf plugin light, than you have to buy a separate PDF-Xchange printer license for each PC. But note: you'll need the PDF-Xchange printer driver v8 license standard or professional, the light PDF-Xchange driver and license does not work.

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