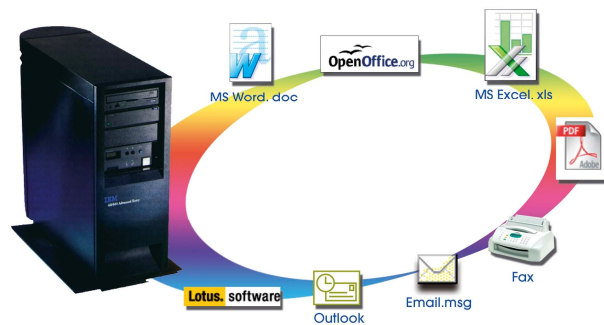


LAUNCHER/400 Office

LAUNCHER/400 is a programming interface for the development of applications on iSeries – AS/400, using Microsoft Office and or other Windows tools.

LAUNCHER/400 Office is a programming interface dedicated to RPG, COBOL and CL developers on iSeries.

- ⇒ Create Word documents, in real time, with AS/400 data,
- ⇒ Create Excel workbook,
- ⇒ Display documents in Word, PDF, Excel, HTML formats,
- ⇒ Send documents by Fax, eMail,
- ⇒ Transfer data between the iSeries database or Queries and PCs,
- ⇒ Enhance documents, by objects inserting (Logos, Signatures, Barcode),
- ⇒ Replace your Printer-Output,
- ⇒ Migrate the Office Vision/400 applications and documents.



● Edit, Print, Save Archive, View document in Word format

The AS/400 program uses Word directly, from « Batch » or interactive jobs.

It has the full control of the process, and can be sure of the success of the edition and print of the documents.

LAUNCHER/400 Office allows a real time interactivity between the AS/400 program and Word on a Windows station. A user action can be requested by the application to validate the document.

Using Word with LAUNCHER/400 Office could be a single CL command : « LNCPRTRDOC ».

With this command, we merge a document template with data from the AS/400 database, and we can save and print the resulting printable document.

But, advances features are provided with LAUNCHER/400 Office to build rich documents, step by step.

The CL command LNCPRTRDOC is the key to the migration of applications using Office Vision today.

● Filling up Excel workbooks

The workbook built by the AS/400 application, in Batch or Interactive mode, can be saved, printed or sent by email.

The program can also get back the calculated values from Excel, and reintegrate it into the AS/400 database.

● Using the Windows OLE objects

The developers who know about programming Word or Excel macros, know also about « OLE Automation ».

LAUNCHER/400 Office provides an interface to create objects instances, and to access to the objects methods and properties, directly from the AS/400 program.

● Sending documents via email

LAUNCHER/400 Office can use Outlook, Lotus or SMTP to send emails.

Once a document is built and saved (Word, Excel, PDF, ...), the program can send it to a recipient, as an attached file.

The program can run in Batch or interactive mode.

It creates a new message, set the subject, recipients, body, and it attaches the files. Then it make the messaging system send the mail for the user.

● Launching Windows programs, opening documents

The development of applications in Client/Server mode requests capabilities to launch a Windows application from AS/400 menus or applications.

With its real time link between PC and AS/400, LAUNCHER/400 Office can launch any program on the PC, and also, control its achievement.

The programs developed on the PC, specially for LAUNCHER/400 Office , can also use an API, to communicate with the AS/400 program that request their launch.

● Sending AS/400 file or queries to PC text files or MS Access

The CL command LNCXFER transfers a database file or a query to the PC, in ASCII or UNICOD format.

The command CPYTOMDB transfers a database file or a query to a Microsoft Access database.

All the MS Access OLE interface is available to the AS/400 programmer.

TECHNICAL SPECIFICATIONS

■ LAUNCHER/400 Office and Microsoft Word.

- ⇒ Support Word versions 97, 2000, 2003, XP.
- ⇒ Full support of the Word formats, variables, merge fields, expressions, ...
- ⇒ The documents templates are prepared only with Word. – No intermediate format.
- ⇒ Use Word from Interactive or Batch programs.
- ⇒ Merge, print, save with a single CL command : LNCPRDOC.
- ⇒ Start / Stop Word.
- ⇒ Open a document or template,
- ⇒ Create a new document based on a template or not,
- ⇒ Create new templates for mail merge,
- ⇒ Merge templates and databases files or queries.
- ⇒ Insert text in the document, using bookmark positions.
- ⇒ Delete text from the document,
- ⇒ Insert objects, images, tables, documents, ...
- ⇒ Change the properties of the document or the text (Font, color, page setup, ...).
- ⇒ Access to the method and properties of the Word OLE object.
- ⇒ Run Word macros,
- ⇒ Show the document, allows or not its modification.
- ⇒ Show a personalized menu, and wait for a user action.
- ⇒ Save the document, fixing its name from the AS/400 application.
- ⇒ Print the le document, set the page, printer properties.
- ⇒ Convert the document into different format : PDF, HTML, ...
- ⇒ Send a document via email..

■ LAUNCHER/400 Office and Microsoft Excel.

- ⇒ Support Excel versions 97, 2000, 2003, XP.
- ⇒ The workbooks templates are prepared by using Excel only.
- ⇒ Use Excel from Interactive or Batch programs.
- ⇒ Transfers a database file or query to an Excel workbook, using a single CL command : CPYTOXLS.
- ⇒ Start / Stop Excel.
- ⇒ Open an Excel Workbook.
- ⇒ Creates new workbooks, based on templates or not.
- ⇒ Insert text or values into cells.
- ⇒ Insert / Delete / Copy / Paste / Move, ... rows, columns, cells, ...
- ⇒ Insert objects, images, sheets, ...
- ⇒ Set the document or cells properties (Color, Font, Size, ...).
- ⇒ Access to the Excel OLE objects methods and properties, directly from the AS/400 program.
- ⇒ Run Excel macros,
- ⇒ Show an Excel workbook
- ⇒ Save a workbook, setting its name from the AS/400 program.
- ⇒ Print the le document, set the printer and page properties.
- ⇒ Convert the workbook into PDF, HTML, Word, ...
- ⇒ Send a workbook via email



TECHNICAL SPECIFICATIONS

■ LAUNCHER/400 Office and the messaging system.

- ⇒ Support Lotus, Outlook, SMTP.
- ⇒ Create a new message to send,
- ⇒ Set the subject, la priority.
- ⇒ Set the recipients, CC, BCC.
- ⇒ Set the body text.
- ⇒ Attaches documents, files.
- Send the new message ...

■ LAUNCHER/400 Office and the Windows applications and commands

- ⇒ Launch an executable file, or a shell command on the windows station.
- ⇒ Make the launched application visible or not.
- ⇒ Wait or nor for the achievement.
- ⇒ Display or print a document, using its default application.
- ⇒ Display a PDF, or HTML file, or an Internet URL.
- ⇒ Play waves files using mediaplayer.
- ⇒ Display a message box, and wait for the user action.
- ⇒ Ask the user to select a file in the directories.
- ⇒ Copy, check, create files on the PC directories

■ LAUNCHER/400 Office and the AS/400 databases.

- ⇒ Transfer AS/400 database files or queries to the PC, in ASCII or UNICOD format.
- ⇒ Transfer AS/400 database files or queries to MS Access database.
- Transfer a document from the I'IFS to the PC.

■ LAUNCHER/400 Office and the OLE object on Windows.

- ⇒ Crate an instance of a OLE application.
- ⇒ Call the method.
- ⇒ Set or get the properties values

Environment For LAUNCHER/400 Office :

- ⇒ OS/400, from V4R4, to i5OS.
- ⇒ TCP/IP between AS/400 and PCs.
- ⇒ Support Windows 95, 98, NT4, 2000, 2003, XP.
- ⇒ Support Windows TSE (Terminal Server / CITRIX).
- ⇒ Support Microsoft Office 97, 2000, 2003 and XP.
- ⇒ LAUNCHER/400 Office can run as a Windows NT « Service ».
- ⇒ Multi thread system, to generate multiple documents from multiple jobs, on the same PC.