

Technical Concepts
of ***ORDER POWER!***
Release 4.0



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ORDER POWER!**Version 4.0**

Computer Solutions, Inc. 1991-2001

Concepts of *ORDER POWER!*

Document Version 4.0

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Hardware, Software, and Security Requirements

In addition to an iSeries 400 and *the most current release of OS/400* (the operating system software 5769-SS1), the following are **required**:

- RPG/400 (5769-RG1): The RPG compiler from IBM.
- Application Development Tools (5769-PW1): Software from IBM that supports program development and changes, sometimes referred to as PDM.
- A modem and an analog phone line next to the computer to attach ECS, IBM's "Electronic Customer Support." Preferably, the analog phone line should be a dedicated line that does not go through a switchboard, similar to the type of line required for a fax machine.

ECS is used by both IBM and Computer Solutions for on-line program distribution and support. At minimum, a 9600-baud modem is required. Alternatively, Computer Solutions can provide support over the Internet for web-connected iSeries 400's, using Secure Socket Layers (SSL).

- A printer that is adjustable (through programming from the iSeries 400) to print 8 LPI (lines per inch), and 15 CPI (characters per inch). To be used to print address labels and some reports. If Bar Coding / Logistics PRO is required, an IPDS printer is required. Refer to the recommendations listed below.
- QUERY/400 (5769-QU1): IBM's interactive query facility and report writing software, which allows users to generate their own on-line queries and reports from the **ORDER POWER!** database.

The following are **recommended**:

- Advanced Printing Functions Utilities/400 (5769-AF1): IBM's Advanced Function Printing Utility (AFP) allows the developer to print barcodes, graphics, images, and electronic forms from an IPDS printer or a PCL5 capable laser printer.

AFP Print Services Facility and Compatibility Fonts (5769-SS1). Features come with the base OS/400 system but are optionally installed.

- To use **ORDER POWER!**'s Fax capability, either Quadrant Software's Fax Server hardware or an IBM Fax/400 adaptor card is required. Additionally, a modem, local phone service, and a telephone line available for outbound faxing are required. A version of Quadrant Software must also be installed as follows:
 - Quadrant Software "Fast Fax Plus" software is required when using Quadrant Software's Fax Server hardware
 - Quadrant Software "Fast Fax Blue" software is required when using IBM's Fax/400 adaptor card.

- An IPDS printer: A printer that supports the Intelligent Printer Data Stream. IPDS for advanced printers includes multiple print quality levels, forms handling abilities, graphic printing, mixed data-text-graphics printing, and bar coding. It can be used as the required 8 LPI and 15 CPI printer. An IPDS printer is required for the Logistics PRO module and optionally, the Advanced Printing Functions (customized forms generation).
- A PCL5 capable laser printer: Optionally, a PCL5 capable laser printer connected to the iSeries 400 via an AFP-IPDS unit is required to print customized electronic forms on a laser printer (Advanced Printing Functions).
- The following Client Access features are required for any **ORDER POWER!** to PC interfaces such as Clipper Ship or Pitney Bowes manifesting systems, NDC's PC Batch credit card authorizations, Microsoft Word and Excel interfaces, and Image Display functions.
 - A Personal Computer (PC) with Client Access Express (5769-XE1) and a TCP/IP connection to the iSeries 400.
 - Client Access on the iSeries 400 (5769-XW1 and 5769-XY1)
 - TCP/IP Connectivity Utilities (5769-TC1)
- To use bar coding, the Logistics PRO module, and PC-based manifesting systems, a bar code scanner, and a weighing station are required in addition to the AFP-IPDS printer.
- The Logistics PRO module requires a dumb terminal and the Logistics PRO software.
- For e-mailing and/or the Web Store, a connection to the Internet is needed. That connection should be full-time, and protected with a firewall.
- The following no-charge features of OS/400 must be installed for the Web Store:
 - 5769-DG1 HTTP Server for iSeries 400
 - 5769-AC3 IBM Cryptographic Access Provider (128-bit)
 - 5769-SS1 Digital Certificate Manager

Changes to the Initial iSeries 400 System Configuration

The controlling subsystem is initially set to QBAS and must be changed to QCTL. *Refer to the IBM Documentation for additional details.*

Security Requirements

Computer Solutions requires the following Authority:

*ALLOBJ
*JOBCTL
*SECADM

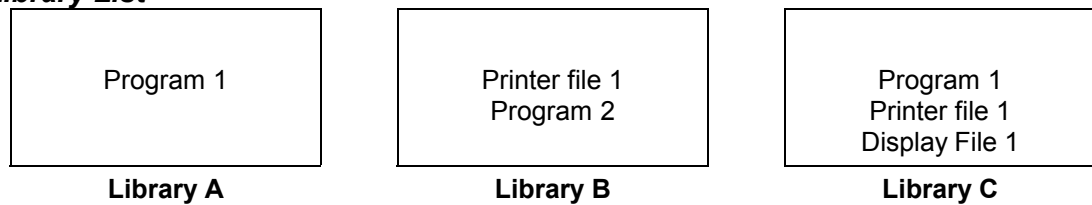
Native Programming

- Always one release behind current available OS/400
- Integrated Language Environment
- Externally defined:
 - Data Files
 - Display Files
 - Printer Files
 - Commonly Used Routines
 - Commonly Customized Routines
- SAA compliant
- External message file using message sub-files

Object

An object can be a(n):

- Executable RPG Program
- Executable CL Program
- Application Program Interfaces
- Printer File
- Display File
- Source File That Contains RPG Members

Library List

When the Library List is as follows :

```
LIBRARY A  
LIBRARY B  
LIBRARY C
```

The PROGRAM 1 object module executed would be the version in LIBRARY A.

The PRINTER FILE and DISPLAY FILE object modules to be executed would be found in LIBRARY B AND C, respectively.

If PROGRAM 2 was called from PROGRAM 1, it would be found in LIBRARY B.

Use the **WRKOBJ** command to find an object in your library list (*LIBL).

Libraries and Naming Conventions

OPBAS	Base (BA) Source
OPBASO	Base (BA) Objects
OPF001	Base (BA) Physical & Logical Files for Company 001
•	
•	
•	
OPGNLF	General Ledger (GL) Files and Data Area
OPCAP	Cross Application (CA) Source
OPCAPO	Cross Application (CA) Objects
OPCAPF	Cross Application (CA) Files and all Field Reference Files
OPCUS1	Source for Custom Modifications

The Base library contains all the standard applications: Order Fulfillment, Inventory Management, Mail List Management, Source and Sales Analysis, Purchase Order Management, and Accounts Receivable.

The Cross Application library contains files and programs that are used by more than one module and files that *may be* shared by more than one company, such as the mailing list.

OPF001	must always exist and possess its own Inventory and Mail List
OPF998	training
OPF999	reserved for CSI

Table of Libraries

MODULE	BASE	AP	GL	Cross-company and Cross-application
SOURCE	OPBAS	OPACP	OPGNL	OPCAP
OBJECTS	OPBASO	OPACPO	OPGNLO	OPCAPO
DATA	OPF001-OPF998	OPACPF	OPGNLF	OPCAPF

ORDER POWER! Library List

The following library list for Company 001 assumes no custom changes and potentially, no corrections.

OPF001 - current library
 OPCOR0
 OPCAPF
 OPACPF
 OPGNLF
 OPBASO
 OPCAPO
 OPACPO
 OPGNLO
 QGPL
 QTEMP
 PROBASEA (If Logistics Pro is installed)
 PROBASEF (If Logistics Pro is installed)
 G1C1FILES (If Code-1 is installed)
 G1C1PGMS (If Code-1 is installed)
 G1@@PGMS (If Code-1 is installed)

COR (Correction) Libraries

COR Libraries contain fixes to programs for problems that have been reported or changes that have been requested and approved.

COR library names are formatted as OPCORx where x represents the current level of enhancement. Initial installations always include at least the OPCOR0; however, OPCOR0 may be an empty library. A COR library with a COR level suffix greater than zero indicates that you are currently at an enhancement level that is higher than BASE **ORDER POWER!**. The lower level COR libraries are complete and considered “frozen” (no additional changes can be made to the closed COR).

ENH (Enhancement) Libraries

ENH Libraries contain the latest enhancements to base **ORDER POWER!**

ENH library names are formatted as **OPENHx** where x represents the level of the enhancement. Only closed enhancement libraries are installed on a user’s system. (Then the OPCORX library with the same level suffix is also found on the system.)

Source Physical Files and Naming Conventions

QxxCLPSRC CL Programs for non-menus
 QxxCMDSRC Commands, Validity Checking Programs
 QxxDDSSRC Display (Panels) Files for non-menus
 QxxFILSRC Physical and Logical Files
 QxxHTISRC HTML Includes (for Web Stores)
 QxxICFSRC Integrated Communication Facility Files (Credit Card Auth)
 QxxMACSRC Macro Language Programs (Net.Data macros for Web Stores)
 QxxMNUSRC Menus (CL programs and panels)
 QxxPRTSRC Printer Files
 QxxRPGSRC RPG/400 Programs
 QxxSRVSRV Service Programs
 QxxUIMSRC UIM Panel Group source (On-line Help)

where xx indicates the application library:

BA - Base

AP - Accounts Payable

GL - General Ledger
CA - Cross-company and/or cross-application
EN – Enhancements
CO – Corrections

Table of Source Files

MODULE	BASE (BA)	AP	GL	Cross-company Cross-application (CA)
CL Programs (Non - Menus) CLP	QBACLPSRC	QAPCLPSRC	QGLCLPSRC	QCACLPSRC
Commands Choice programs Validation programs CMD	QBACMDSRC	QAPCMDSRC	QGLCMDSRC	QCACMDSRC
Display Files (Non - Menus) DDS	QBADDSSRC	QAPDDSSRC	QGLDDSSRC	QCADDSSRC
Physical & Logical Files FIL	QBAFILSRC	QAPFILSRC	QGLFILSRC	QCAFILSRC
HTML Includes HTI	QBAHTISRC			
Macro Language Programs	QBAMACSRC			
Menus (CL & Display Files) MNU	QBAMNUSRC	QAPMNUSRC	QGLMNUSRC	QCAMNUSRC
Printer Files PRT	QBAPRTSRC	QAPPRTSRC	QGLPRTSRC	QCAPRTSRC
RPG Programs RPG	QBARPGSRC	QAPRPGSRC	QGLRPGSRC	QCARPGSRC
ICF Files ICF	QBAICFSRC	QAPICFSRC	QGLICFSRC	QCAICFSRC
Service Programs SRV	QBASRVSRC	QAPSRVSRV	QGLSRVSRV	QCASRVSRV
Panel Group On-line Help UIM	QBAUIMSRC	QAPUIMSRC	QGLUIMSRC	QCAUIMSRC

Program Files and Naming Conventions

RPG Programs	aammnnn
CL Programs	aammnnnC
Printer Files	aammnnnP (1)
Display Files	aammnnnF
Commands	aammnnnM
Prompt/Validate RPG	aammnnnV
Prompt/Validate CL	aammnnnL
Prompt/Validate Display	aammnnnW
ICF Files	aammnnnI
Service Programs	aammnnnS

Where **aa** is the *application name*, **mm** is the *module name*, and **nnn** is the *program number*. The last character (numeric or alphabetic) identifies the object number or type. Refer to the charts below for valid application and module name, and program numbers reserved for **ORDER POWER!**.

aa = *application name*

AC	Check Processing	JE	Journal Entries
AP	Accounts Payable	LP	Logistics PRO Interface
AR	Accounts Receivable	ML	Mail List
AT	Activity Tracking	MT	Maintenance
AU	Elec. Authorizations	OE	Order Entry
CA	Cross Application	OI	Order Interface
CH	Choice	OP	Order Processing
CS	Custom by CSI	PG	Purge
ED	EDI	PO	Purchase Order
FC	Future Costing	PR	File Listing
FO	Forecasting	PT	Release Update
FQ	Future Pricing Inquiries	PV	Prompt / Validate
FP	Future Pricing	RA	Return Authorizations
FR	Future Pricing Listings	RE	Refresh
FS	Financial Statements	RT	Reporting
FT	Future Pricing Maintenance	TX	Taxation
FX	Fix Programs	UE	User Exit
GL	General Ledger	UF	User Function
GN	General	VB	Visual Basic Interface
IN	Inventory	WB	Web
IQ	Inquiries		

mm = *module name*

00	Cross Application	02	Accounts Payable
01	Base	03	General Ledger

nnn = *program number*

001 - 499 executes from menu

500 - 999 never executes from menu

NOTE: When a program contains more than one printer file, the printer files are sequentially named aammnn1, aammnn2, etc.

Size of Program Libraries

Source Libraries	Approximate Size (in megabytes)
OPBAS	300
OPCAP	25
OPACP	35
OPGNL	30
Object Libraries	
OPBASO	1000
OPCAPO	50
OPACPO	50
OPGNLO	30
Enhancements and Corrections	800 per release level

Menus

Menu names are created in the format *fffmm*.

Where **fff** is the *function name*, **mm** is the *module number*.
Refer to the charts below for function names and module numbers reserved for
ORDER POWER!

fff - function names

ACR Accounts Receivable	IMP Order Import
APC Check Reconciliation	INV Inventory Control
APM Check Processing	JRL Journal Entries
APP AP Invoices	MAN Main Menu
APR AP Reports	MLM Mail List Management
ATR Activity Tracking	ORE Order Entry
AUT Electronic Authorizations	ORP Order Processing
AYE AP Year-end	PRG Purge
CUS Custom	PUR Purchase Orders
DOB Daily Operations/Balancing	REF Refresh
DOC Documentation	RET Return Authorizations
FOR Forecasting	RPT Reports
FSM Financial Reports	SYS System Operations

FUT Future Pricing

WEB Web Stores

GFT Gift Certificates

WHS Warehouse Management

GYE GL Year End

WRK Work with Files

mm - module numbers

00 Cross Application	02 Accounts Payable
01 Base	03 General Ledger

Menus use corresponding display files named fffmmF and CL Program files named fffmmC.

Standard Menu Options

51. AS/400 Operational Assistant

80. Main Menu (Returns to main menu for module)

81. Change companies (Base module only)

90. Sign off

Standard Menu Option Exceptions

- MAN01 does not have 80 Main Menu"
- MAN02 Option 80 returns to Main Menu of **ORDER POWER!**
- MAN03 Option 80 returns to Main Menu of **ORDER POWER!**

Standard Menu Function Keys**F1=Help****F3=Exit** from Main Menu, exits **ORDER POWER!**, from submenus, returns to Main Menu**F9=Command Line****F12=Cancel** returns to prior panel/menu

Refer to Technical Topics on the Documentation menu for further standards.

Fields and Naming Conventions

Where possible, use positions two and four of the physical file name as the first two positions of the field name. The last four characters identify the field.

The following report is a representation of the file and field definitions printed by **ORDER POWER!**

User: CSIUSER
 Wsid: DSP01
 Prog: GN0004 File / Field Definition Report

Page: 28
 Date: xx/xx/xx
 Time: xx:xx:xx

File Source: Cross-Company Module Library: OPCAP

(PMLLSTxxx) Mailing List Master

```
-----
Field
Name      Type   Size   Start   Function
-----
MLDELE    ALPHA   1       1       COLHDG(''D''eleted')
          VALUES('D' 'Y' 'N' ' ')
-----
MLCST#    PACKED  9 0     2       COLHDG('Customer #')
          EDTCDE(Z)
-----
MLNAME    ALPHA   30      7       COLHDG('Name')
-----
MLCNAM    ALPHA   30      37      COLHDG('Company' 'Name')
-----
MLPOST    ALPHA   30      67      COLHDG('Position')
-----
MLADR1    ALPHA   30      97      COLHDG('Address' 'Line 1')
-----
MLADR2    ALPHA   30     127     COLHDG('Address' 'Line 2')
-----
.
.
.
MLMTCH    ALPHA   9       604     COLHDG('Match Code')
-----
MLSHPV    ALPHA   3       613     COLHDG('Preferred Ship Via')
-----
Record Length: 615
```

```
Logical Files          Unique   Keys
OPF001/JARDTL01      MLCST#
OPF001/LMLLST03      Y       MLUCNM MLCST#
.
.
.
OPF001/LMLLST08      Y       MLCNTY MLSTAT MLZIP MLCST#
```


Compile Requirements

Physical Files

FILE(OPF001/file) SIZE(*NOMAX) WAITRCD(*NOMAX) FRCRATIO(*NONE)

Logical Files

FILE(OPF001/file) WAITRCD(*NOMAX)

Work Physical Files

FILE(OPF001/file) SIZE(*NOMAX) MAXMBRS(*NOMAX) FRCRATIO(*NONE)
AUT(*ALL)

Work Logical Files

FILE(OPF001/file) MAXMBRS(*NOMAX) AUT(*ALL)
DTAMBRSP((*CURRENT/file (file)))

Commands

PGM(cpp) VLDCKR(program) MSGF(msgf)

NOTE: Usually CAMSGF or QCPFMSG

Display Files (supplied by **ORDER POWER!** compiler)

RSTDSP(*YES) DFRWRT(*YES)

Printer Files (optional - in any combination)

PAGESIZE(length width)

LPI(lpi)

CPI(cpi)

OVRFLW(overflow)

PRTTXT(text)

DEVTYPE(type)

Compile Options - Found in QGPL / QAUOOPT member QORDPOWER

Create an options line in source using "*"@"

BN Service Program

CL CL Program

CM Command

DS Display File

IC ICF File

LF Logical File

PF Physical File

PR Printer File

RP RPG Program

- Searches through entire source for 1st "*"@" line, printer files allows 2 "*"@" lines
- RP for RPG programs will connect IF... END tags within source

Refer to the compile option examples on the following pages.

Sample Compile Options

```

Columns . . . : 1 71          Browse          OPBAS/QBAPRTSRC
SEU=>          OP01003P
FMT A* . . . .A*. 1 ...+. 2 ...+. 3 ...+. 4 ...+. 5 ...+. 6 ...+. 7
***** Beginning of data *****
0001.00 A*****
0002.00 A*  COMPILE OPTIONS
0003.00 A*****
0004.00 A*@ PAGESIZE(26 132) LPI(8) CPI(10) OVRFLW(25) PRRTXT(*BLANK)
0005.00 A*****
0006.00 A*
0007.00 A*  (C) COPYRIGHT 1997 COMPUTER SOLUTIONS, INC.
0008.00 A*
0009.00 A*  NOTICE OF LICENSED MATERIAL
0010.00 A*  THIS PROGRAM HAS BEEN AUTHORED AND IS OWNED BY COMPUTER
0011.00 A*  SOLUTIONS, INC., MIAMI, FLORIDA 33015.  IN NO WAY CAN THE
0012.00 A*  PROGRAM BE COPIED, TRANSFERRED OR REASSIGNED TO ANY FIRM OR
0013.00 A*  INDIVIDUAL WITHOUT WRITTEN CONSENT FROM COMPUTER SOLUTIONS.
0014.00 A*
0015.00 A*****
0016.00 A*  ORDER POWER!

F3=Exit  F5=Refresh  F9=Retrieve  F10=Cursor  F12=Cancel

```

```

Change Defaults

Type choices, press Enter.

Object library . . . . . *SRCLIB      Name, *CURLIB, *SRCLIB
Replace object . . . . . Y           Y=Yes, N=NO
Compile in batch . . . . . N         Y=Yes, N=NO
Run in batch . . . . . N           Y=Yes, N=NO
Save session defaults . . . . . Y     Y=Yes, N=NO
Save/Restore option . . . . . 1      1=Single, 2=All
Job description . . . . . *USRPRF     Name, *USRPRF, F4 for list
  Library . . . . .                Name, *CURLIB, *LIBL
Change type and text . . . . . N      Y=Yes, N=NO
Option file . . . . . QAUOOPT       Name
  Library . . . . . QGPL           Name, *CURLIB, *LIBL
Member . . . . . QORDPOWER         Name
Full screen mode . . . . . Y         Y=Yes, N=NO
Scan hierarchy . . . . . Y          Y=Yes, N=NO
Search path . . . . . *DFT         Name, *DFT
Build scope . . . . . 1           1=Normal, 2=Limited, 3=Extended

F3=Exit  F4=Prompt  F5=Refresh  F12=Cancel

```

Example of setting PDM options with F18 to get compile options

ILE RPG Program Source Compile Options

SPECIFYING OPTIONS: The “@” must be placed in column 8.

One of these can be specified first. If neither is specified, “PGM” is assumed and other parameters are ignored.

PGM	Indicates create a bound RPG
SRVPGM	Indicates create a bound RPG Service Program
MODULE	Indicates create a module

If PGM is specified, optionally specify any associated modules. Multiple lines can be specified like:

```
F*@ MODULE (GN00NNN GN00NNN
             GN00NNN)
```

If PGM is specified, optionally specify any associated SRVPGMs. Multiple lines can be specified like:

```
F*@ BNDSRVPGM (GN00NNN GN00NNN
               GN00NNN)
```

If PGM is specified, optionally specify any associated BNDDIRs. Multiple lines can be specified like:

```
F*@ BNDDIR (GN00NNN GN00NNN
            GN00NNN)
```

ILE CLP Program Source Compile Options

SPECIFYING OPTIONS: The “@” must be placed immediately after the slash asterisk in the next line.

One of these can be specified first. If neither is specified, “PGM” is assumed and other parameters are ignored.

PGM	Indicates create a bound RPG
SRVPGM	Indicates create a bound RPG Service Program
MODULE	Indicates create a module

If @ PGM is specified, optionally specify any associated modules. Multiple lines can be specified like:

```
@ MODULE (PROG1 PROG2  
          PROG3)
```

If @ PGM is specified, optionally specify any associated SRVPGMs. Multiple lines can be specified like:

```
@ BNDSRVPGM (PROG1 PROG2  
             PROG3)
```

If a minimum release of OS/400 is required due to new programming functions used, specify the Target Release as follows:

```
@ TGTRLS (V4R2M0)
```

Service Program Source Compile Options

SPECIFYING OPTIONS: The “@” must be placed in column 8 and the first option must be @SRVPGM

Optionally specify any associated modules. Multiple lines can be specified like:

```
MODULE (PROG1 PROG2  
        PROG3)
```

Optionally specify any associated SRVPGMs. Multiple lines can be specified like:

```
BNDSRVPGM (PROG1 PROG2  
           PROG3)
```

If a minimum release of OS/400 is required due to new programming functions used, specify the Target Release as follows:

```
@ TGTRLS (V4R2M0)
```

User Exits

Order Power! includes hundreds of API's (Application Program Interfaces) called "**User Exit**" Programs, which can be used to customize the operation of any program. User Exits receive program variables (parameters) from the calling program. The User Exit program can then perform any customized function which changes or validates those variables, or updates or modifies other data. Then those variables are passed back to the calling program, and the calling program continues from there.

Because User Exits are intended to be used for custom programming, they are delivered in base Order Power! without logic. That basic User Exit would then be copied to a custom library (OPCUS1 or OPCUSxxx) and programmed with custom logic.

Calling ORDER POWER! program

Program 1 will always call Program UE01234 least once:

```

                IF          UE1234 <> 'Y'
                CALL        'UE01234'
                PARM                SCTEND
                PARM          *BLANK  WRK1
                PARM          *BLANK  $$MSGI
                PARM                UE1234
* If WRK1 is '0', when returned, continue.
* If WRK1 is '1', when returned, display error message
                IF          WRK1 = *ON
EXSR            $SUB20
                ENDIF
                ENDIF

```

User Exit program being called

Program 2 (UE01234)

```

                *ENTRY      PLIST
                PARM                @@TEND  3
* If $$RETN is '0', the calling program will continue.
* If $$RETN is '1', the calling program will re-display the
* data entry panel with message ($$MSGI) from the error message file.
                PARM                $$RETN  1
                PARM                $$MSGI  4
* If this User Exit returns an 'N' in the field @BYPAS, then it
* has not been customized and will not be called again.
                PARM                @BYPAS  1
                MOVE 'Y'            @BYPAS

```

INSERT CUSTOM CODE HERE. ALSO MOVE 'N' TO @BYPAS.

RETRN

Existing User Exits

A list of existing User Exits can be viewed using the PDM utility. All User Exit programs are named **UEnnnnn**. The following screen is only a partial list of the user exits currently implemented with **ORDER POWER!**

```

Work with Members Using PDM
File . . . . . QBARPGSRC
Library . . . . . OPBAS                Position to . . . . .

Type options, press Enter.
2=Edit          3=Copy 4=Delete 5=Display      6=Print      7=Rename
8=Display Description 9=Save 13=Change text 14=Compile 15=Create
module...

Opt Member      Type      Text
---  ---        ---      ---
UE01001        RPG       BA - User Exit, Order Entry @ End of Order
UE01002        RPG       BA - User Exit, Mail List Maintenance
UE01003        RPG       BA - User Exit, Mail List Display
UE01004        RPG       BA - User Exit, Order Entry @ Header Panel Edits
UE01005        RPG       BA - User Exit, Order Entry @ Detail Panel Edits
UE01006        RPG       BA - User Exit, Shp Confirm - Shp Info Edits
UE01007        RPG       BA - User Exit, Shp Confirm - After Pkg Info
UE01008        RPG       BA - User Exit, Order Entry @ Customer Selection

More...
Parameters or command
==>
F3=Exit          F4=Prompt      F5=Refresh      F6=Create
F9=Retrieve      F10=Command entry F23=More options F24=More keys

```

PDM display of User Exits (partial list only)

Statement of Direction

- Any user can request a User Exit
- You must call CSI to get the User Exit name, and to jointly define the parameter list
- You must program the User Exit in your own custom software
- The new User Exit is automatically included in the next scheduled **ORDER POWER!** release

User Functions

Order Power! also includes “**User Function**” Programs, which can be used to customize the operation of Function Key 23 (**F23=User**). User Function programs are similar to User Exits, but are event-driven instead of program-driven. User Function programs can receive program variables (parameters) from the calling program, and perform any customized function such as displaying a custom data entry or inquiry panel.

Like User Exits, User Functions are intended to be used for custom programming and are delivered in base Order Power! without logic.

Calling ORDER POWER! program

Program 1 calls Program UF01234 when **F23=User** is pressed.

```

IF          *INKX = *ON
CALL       'UF01234'
PARM                               SCTEND
ENDIF

```

User Function program being called

Program 2 (UF01234)

```

*ENTRY     PLIST
           PARM          @@TEND  3

```

INSERT CUSTOM CODE HERE.

```

RETRN

```


A list of existing user functions can be viewed using the PDM utility. All User Function programs are named **UFnnnnn**. The following screen is only a partial list of the user functions currently implemented with **ORDER POWER!**

```

Work with Members Using PDM                               S104MA2M
File . . . . . QBARPGSRC
Library . . . . OP33BAS           Position to . . . . .
Type options, press Enter.
 2=Edit      3=Copy  4=Delete 5=Display  6=Print  7=Rename
 8=Display description 9=Save 13=Change text 14=Compile 15=Create module...

Opt Member      Type      Text
--- UF01001      RPG       BA - User FKey, Order Inquiry Total Screen
--- UF01002      RPG       BA - User FKey, Order Inq Header Screen
--- UF01003      RPG       BA - User FKey, Item Maintenance Scree
--- UF01004      RPG       BA - User FKey, F23 from OE Header Panel
--- UF01005      RPG       BA - User FKey, F23 from Maillist Maint
--- UF01006      RPG       BA - User FKey, F23 from Maillist 1 Panel
--- UF01007      RPG       BA - User FKey, F23 from OE F10 Panel
--- UF01008      RPG       BA - User FKey, Item Inquiry Screen
                                          More...

Parameters or command
==>
F3=Exit      F4=Prompt      F5=Refresh      F6=Create
F9=Retrieve   F10=Command entry  F23=More options  F24=More keys

```

PDM display of User Functions (partial list only)

Statement of Direction

- User Functions are only called from display panels via the F23=User Fkey
- Any user can request a User Function
- You must call CSI to get the User Function name, and to jointly define the parameter list
- You must program the User Function in your own custom software
- The new User Function is automatically included in the next scheduled **ORDER POWER!** release

Custom Changes

Custom programming (files and programs) can be used for All Companies (*always shared*) and/or an Individual Company (*never shared*). Sources and Objects are stored in libraries **OPCUS1** (*always shared*) and **OPCUS***** (*never shared*). In these examples, *** is the **ORDER POWER!** Company Number, so custom for Company 003 would be in Library OPCUS003.

The source programs for all custom software are delivered in Library **OPCUS1**. The installation programs will then copy the *never shared* source programs to Library **OPCUS*****, and will compile the objects into the appropriate OPCUS*** library.

Always shared custom sources are delivered in the following Source Physical Files in OPCUS1, where CS indicates *custom*.

QCSCLPSRC	CL Programs for non-menus
QCSCMDSRC	Commands, Validity Checking Programs
QCSDDSSRC	Display (Panels) Files for non-menus
QCSFILSRC	Physical and Logical Files (<i>always shared</i>)
QCSHTISRC	HTML Includes (for Web Stores)
QCSICFSRC	Inegrated Communication Facility Files (Credit Card Auth)
QCSMACSRC	Macro Language Programs (Net.Data macros for Web Stores)
QCSMNUSRC	Menus (CL programs and panels)
QCSPRTSRC	Printer Files
QCSRPGSRC	RPG/400 Programs
QCSSRVSRC	Service Programs

Always shared compiled objects are also delivered in OPCUS1.

Never shared custom sources are delivered in the following Source Physical Files in OPCUS1, but the compiled objects are not delivered. There is a source file for each customized Order Power! Company, with the exception of QCSFILSRC:

CCSCLP***	CL Programs for non-menus
CCSCMD***	Commands, Validity Checking Programs
CCSDDS***	Display (Panels) Files for non-menus
CCSFILSRC	Physical and Logical Files – all companies, <i>never shared</i>
CCSFIL***	Physical and Logical Files – single company, <i>never shared</i>
CCSHTI***	HTML Includes (for Web Stores)
CCSICF***	Inegrated Communication Facility Files (Credit Card Auth)
CCSMAC***	Macro Language Programs (Net.Data macros for Web Stores)
CCSMNU***	Menus (CL programs and panels)
CCSPRT***	Printer Files
CCSRPG***	RPG/400 Programs
CCSSRV***	Service Programs

Then, upon installation, that *never shared* custom source is copied from the above company specific source files, to the following Source Physical files in OPCUS***, and then the object is compiled into OPCUS***. The exception CCSFILSRC, is copied to every OPCUS*** library, and the files are created (compiled) during installation.

QCSCLPSRC	CL Programs for non-menus
QCSCMDSRC	Commands, Validity Checking Programs
QCSDDSSRC	Display (Panels) Files for non-menus
QCSFILSRC	Physical and Logical Files

QCSHTISRC HTML Includes (for Web Stores)
QCSICFSRC Integrated Communication Facility Files (Credit Card Auth)
QCSMACSRC Macro Language Programs (Net.Data macros for Web Stores)
QCSMNUSRC Menus (CL programs and panels)
QCSPRTSRC Printer Files
QCSRPGSRC RPG/400 Programs
QCSSRVSRC Service Programs

The result for *never shared* custom is two copies of the sources, in OPCUS1 and OPCUS***, and one copy of the compiled object in OPCUS***.

HTI (HTML) source and MAC (Macro) sources are copied to the iSeries 400's Integrated File System (IFS) for use by the HTTP server for web functions.

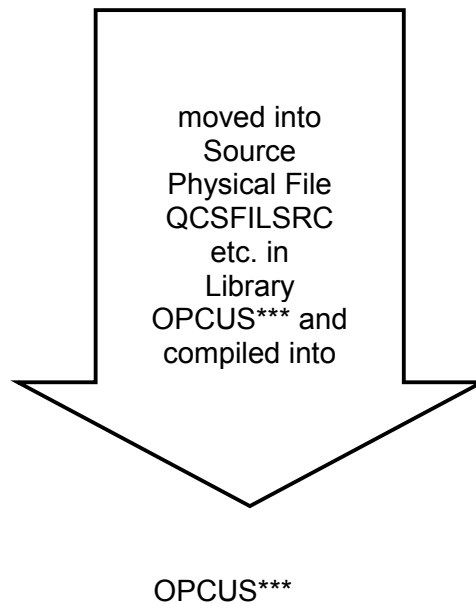
Library **OPCUS***** must exist for **each** company
when *never shared* files or programs exist.

Custom files for All Companies (always shared)

- Source QCSFILSRC, and physical and logical files stored in OPCUS1.
- OPCUS1 resides in the Library List above the other base **ORDER POWER!** libraries.

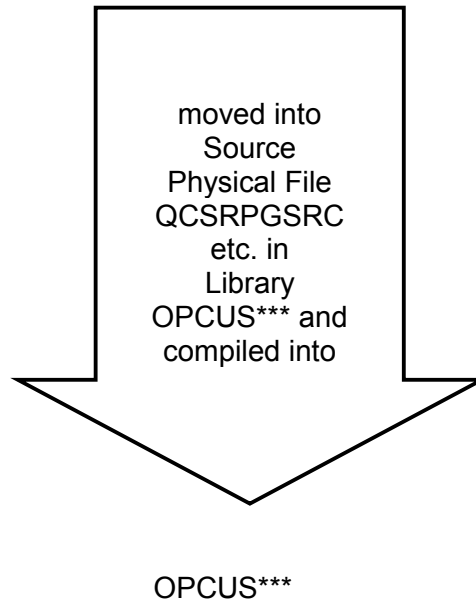
Custom files per Company (single company, never shared)

Source stored in Source Physical File CCSFIL*** in OPCUS1:



Custom programs per Company (single company, never shared)

Source stored in Source Physical File CCSRPG*** (CCSCLP***, etc.) in OPCUS1:



OPCUS*** (if it exists) is always added to the Library List when the company is selected

During a release install, OPCUS*** is cleared and all *never shared* custom is copied from OPCUS1 to OPCUS*** and recompiled.
For data files, the data will be copied out, and then restored once the file has been compiled.

Library List

OPCUS*** - current library
 OPF***
 OPCUS1
 OPCOR*
 OPCAPF
 OPACPF
 OPGNLF
 OPBASO
 OPCAPO
 OPACPO
 OPGNLO
 QGPL
 QTEMP

OPCOR0 library is listed immediately after the files library and specifies the level of **ORDER POWER!** enhancements currently installed on your system. For example, if no enhancements are loaded on the system, **OPCOR0** contains the currently installed corrections to **BASE**. If interim enhancement releases are installed, the libraries inserted after the files libraries are listed as:

At Base Level	At Enhancement 1	At Enhancement 2
•	•	•
•	•	•
•	•	OPCOR2
•	OPCOR1	OPENH2
OPCOR0	OPENH1	OPENH1
OPBAS	OPBAS	OPBAS
•	•	•
•	•	•

OPCUS*** (if it exists) is automatically added to the Library List

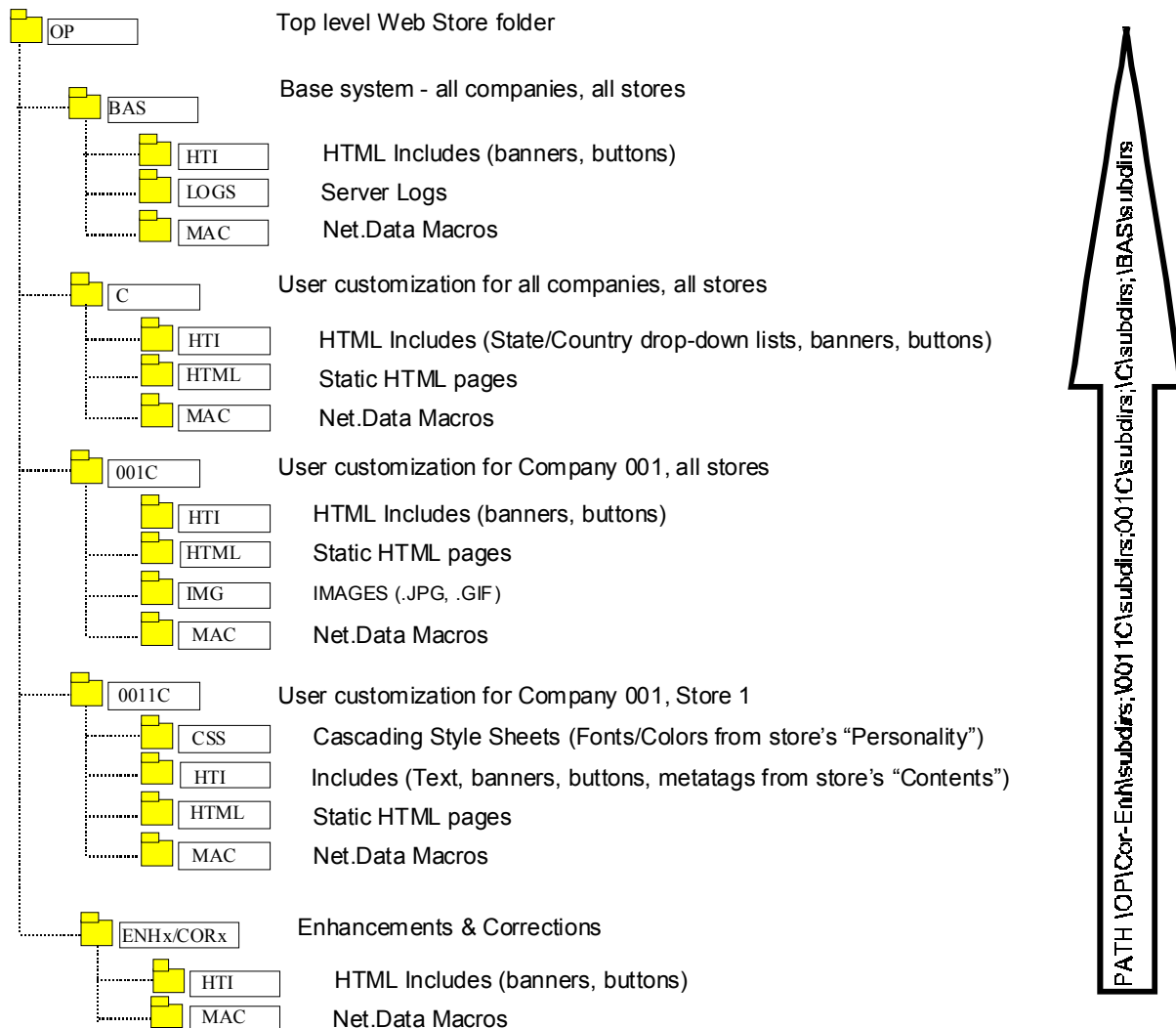
Integrated File System (IFS)

The iSeries 400 has a DOS-like hierarchical file system. **ORDER POWER!** creates folders (directories) in the IFS to contain objects used by the IBM HTTP Server, for use by Web Stores which are hosted on the iSeries 400. Other folders hold objects used by the **ORDER POWER!** Word, Excel, and Image interfaces to Personal Computers.

Networked PC's access the iSeries 400's folders with Microsoft's *Netserver* technology, which is a basic function of all Microsoft operating systems as well as the iSeries 400's.

The objects contained in Physical Source files QBAHTISRC (base system HTML), QCSHTISRC (custom HTML), QBAMACSRC (Net.Data Macros) and QCSMACSRC (custom macros) are copied by **ORDER POWER!** installation programs to IFS folders. The folder system used by **ORDER POWER!** supports multiple companies, and multiple Web Stores within each company:

WEB STORE FOLDERS:



PC APPLICATIONS:

The following folders are also created in the IFS for **ORDER POWER!** PC applications:

BROKER INSTALL Contains installable media for a “broker” program which runs on a PC, and which “listens” for instructions from the iSeries 400 to initiate the other, application specific programs.

APPLICATION SPECIFIC FOLDERS:

BUDGET This folder contains the G/L budgeting application. Within that folder are three other folders:

DATA Contains Microsoft Excel spreadsheets. The spreadsheets have been specially formatted with protected cells for the **ORDER POWER!** G/L account number, and unprotected cells for budget data. Users will copy the empty spreadsheet to their PC. Spreadsheets can be automatically populated with **ORDER POWER!** Accounts only, or with accounts and G/L Budget or Actual amounts. The amounts can be modified by the user and returned to **ORDER POWER!** as new budgets.

EXEC Contains executable Visual Basic programs. The programs run on the PC, with the iSeries 400 as the application server. These programs move the data between the iSeries 400 and the PC.

SRC Contains source programs for the Visual Basic executables.

CRYSTAL This folder contains the Crystal Reports application. Crystal Reports is a web-based reporting tool. A licensed copy of Crystal Reports is **not** required for the reports and graphs which are delivered with Order Power!, however a license is needed to write your own additional reports. Within that folder are three other sub-directories:

DATA For future use. Currently, the data is loaded real-time from the iSeries 400 to the PC through an ODBC driver.

EXEC Contains executable Crystal (.rpt) programs. These programs run on the PC, with the iSeries 400 as the application server. The programs display the visual data (charts and graphs) on the PC.

SRC Contains source programs for the Crystal Report executables.

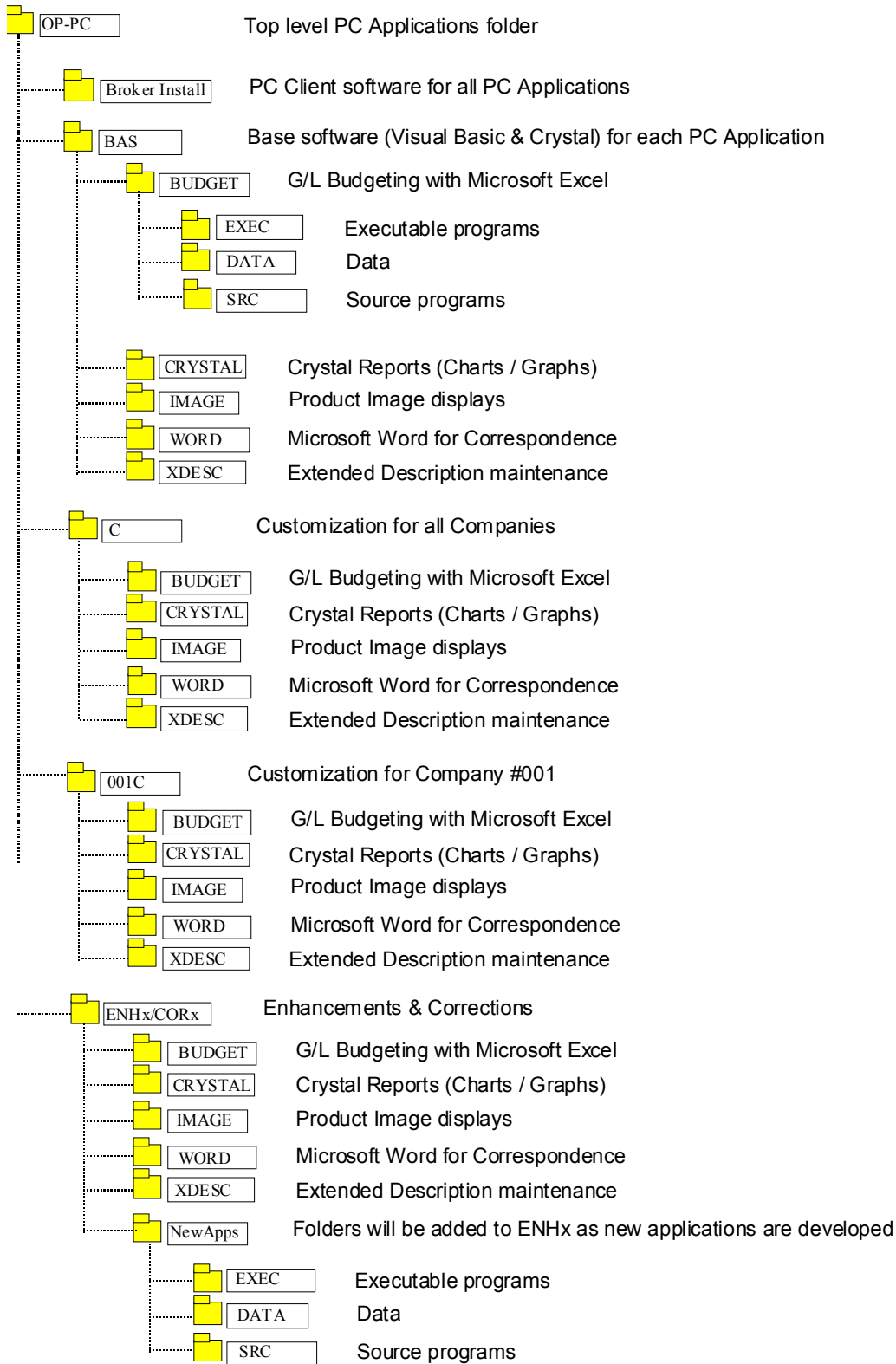
IMAGE This folder contains the Image application, which displays images of products on the PC.

DATA For future use.

EXEC Contains executable Visual Basic programs. These programs run on the PC, with the iSeries 400 as the application server. The programs display product images on the PC.

SRC Contains source programs for the Visual Basic executables.

- XDESC** This folder contains the Extended Description application, which allows notes and extended descriptions (Customers, Items, Vendors, Media, Media Book, Product Group, Product Subgroup, Cross-sell Group) to be maintained with an **ORDER POWER!** word processing program which simplifies note maintenance with line wrapping and spell checking functionality.
- DATA** For future use.
- EXEC** Contains executable Visual Basic programs. These programs run on the PC, with the iSeries 400 as the application server. The programs display the images on the PC.
- SRC** Contains source programs for the Visual Basic executables.
- WORD** This folder contains the Correspondence application, which uses the **ORDER POWER!** database combined with Microsoft Word to produce mail-merge documents.
- DATA** Contains sample letters as Word Templates (.dot) which can be copied to a PC and then modified to meet your needs.
- EXEC** Contains executable Visual Basic programs. These programs run on the PC, with the iSeries 400 as the application server. The programs call the Word program, and feed the **ORDER POWER!** data to the template to form a mail-merge document.
- SRC** Contains source programs for the Visual Basic executables.



PATH \OP-PC\CORx\subdirs;-Enhx\subdirs;-001C\subdirs;\C\subdirs;\BAS\subdirs

Standards

Sample of Screen Standards

All Orders		Computer Solutions, Inc. Order Inquiry			Show Closed : <u>N</u>
5=Header/Detail	6=Detail	7=Order Notes	8=Audit	9=Packages	10=Segments
11=Order Confirmation	-- Status --		12=Order Listing		
Order #	Date	Last	Next	Name	PO#
- 2364	61692	SHIPPED		Jennifer Price	
- 2365	61792	SHIPPED		United Mfg. Industries	
- 2369	62492	RELEAS	CNFIRM	Stanley Galper	
- 2370	62492	RELEAS	CNFIRM	Martin Solomon	
- 2375	62492	BACKORDER		Haley's Hardware	
- 2379	62592	---	RELEAS	West Side Hardware Inc.	
- 2380	62592	CANCELLED		Gregg Martin	
- 2381	62592	---	PRAUTH	Doug Josephson	
- 2382	62592	---	RELEAS	Values For Industry	
- 2390	62692	---	RELEAS	Bentley's Groceries	
- 2395	62992	CANCELLED		Robert W. Smith	
- 2398	63092	RELEAS	CNFIRM	Gary Roberts	
- 2405	70192	---	PRAUTH	Ernie Smith	
- 2406	70192	---	PRAUTH	Michelle Saleeby	
- 2407	70192	---	PRAUTH	Robert Zaratini	

More...

F1=Help F3=Exit F7=Bkwd F8=Fwd F10=Top F11=Fold F12=Cancel F14=Notes F18=Bot

Order Inquiry panel

Graphical User Interface

The entire Order Power! application can be run from within an internet browser such as Internet Explorer or Netscape, using Seagull Software's **J WALK** technology. Some of the benefits of this are a Windows-like environment for PC users, and the ability to extend Order Power! to remote users without requiring specialized client software.

The following no-charge feature of OS/400 must be installed for the Browser-driven GUI.

- 5769-DG1 HTTP Server for iSeries 400

The data displayed is a graphical representation of the information which is displayed on a green-screen (dumb terminal).

OP! 4.0 DEVELOPMENT - CO# 001	
Mail List Update	
Customer Number	2279
Name	JESSIE JAMES
Position	
Company	
Address	345 W 23 ST
City, ?State	DAVIE , FL
Zip Code, ?Country	33025 , US
Daytime	Ext Evening Ext Fax
Telephones	212-556-6969
E-Mail Address	
?Demographic Code	N
Abbreviation	AG NO PR NM CO TD 7 DE TS TS
?Customer Class	RET ?E-Mail Class
?Added By	CJC
Added	1/23/95
?Label Request	Printed Y/N
Date	11/01/01
Delete	
F1=Help	F2=Unprotect
F3=Exit	F4=?List
F5=Bypass Group1	F9=Retrieve
F10=Add'l	F11=Ship Tos
F12=Cancel	F13=Defaults
F14=Cust Notes	F23=User
F24=More	

OP! 4.0 DEVELOPMENT - CO# 001

Mail List Update

Customer Number 2279

Name JESSIE JAMES Search Last Name JAMES

Position

Company Search Company

Address 345 W 23 ST

City, ?State DAVIE FL

Zip Code, ?Country 33025 US

Daytime Ext Evening Ext Fax

Telephones 212-556-6969

E-Mail Address

?Demographic Code N

Abbreviation AG NO PR NM CO TD 7 DE TS TS

?Customer Class RET ?E-Mail Class

?Added By CJC ?Original Media COUNTER

Added 1/23/95 ?Name Type I

?Label Request Printed ?Prefer Ship Via UPS

Date 11/01/01 Delete

OK

Start S I. O. T. S. O. Address Go 1:59 PM

An instance of the HTTP server provides the graphical screens to the PC client. The server can be assigned to any unused IP address on your network, furnished by your Network Administrator. The graphical panels are stored in the Integrated File System, in a folder named JWALK.

Order Activity Report - Detail

Computer Solutions, Inc.

User: CSIUSER
 Page: 1
 Wsid: DSP01
 Date: xx/xx/xx
 Prog: RT01002
 Time: xx:xx:xx

Order Activity Report - Detail

Date From: 1/01/x6
 To: 12/31/x9
 List: *DETAIL

Order Date	Order#/ Count	Merchandise Total	Average Order	Shipped	Unshipped
1/08/x6	77	19.95		19.95	.00
1/08/x6	78	39.90		.00	39.90
1/08/x6	79	145.00		43.50	101.50
1/08/x6	81	188.50		188.50	.00
1/08/x6	82	140.00		140.00	.00
1/08/x6	83	232.00		232.00	.00
1/08/x6	84	87.00		87.00	.00
1/08/x6	85	100.00		50.00	50.00
1/08/x6	8	952.35	119.04	760.95	191.40
1/11/x6	93	225.00		225.00	.00
1/11/x6	94	300.00		150.00	150.00
1/11/x6	2	525.00	262.50	375.00	150.00
1/16/x6	6004775	79.80		39.90	39.90
1/16/x6	6004776	72.50		.00	72.50
1/16/x6	6004777	229.90		.00	229.90
1/16/x6	6004778	36.50		36.50	.00
1/16/x6	6004779	182.50		182.50	.00
1/16/x6	6004780	19.95		19.95	.00
1/16/x6	6004781	30.00		15.00	15.00
1/16/x6	6004782	36.50		.00	36.50
1/16/x6	8	687.65	85.96	293.85	393.80
1/18/x6	100	34.95		.00	34.95
1/18/x6	101	34.95		15.00	19.95
1/18/x6	2	69.90	34.95	15.00	54.90
TOTAL	20	2,234.90	111.75	1,444.80	790.10

System Cleanup Functions

- Reclaim Storage (RCLSTG)
- Cleanup Tasks available through Operational Assistant (GO ASSIST)
 - user messages
 - system and workstation messages
 - job logs and other system output
 - system journals and system logs
 - calendar items

Data Files

Current files can be listed from the Documentation Menu using the *Print Files Used* option.

Permanent

- Single member
- Always contain data
- Names begin with:

P – Physical	Pzzzzz	
	PzzzzzFn	<i>Format Names for Physical Files</i>
L – Logical	Lzzzzznn	
J - Join Logical	Jzzzzznn	

Where **zzzzz** represents the descriptive name of the file and **n** or **nn** represents the sequential number of the Logical.

Work

- Single or Multiple members
- Contain data for duration of job (i.e. Physical Inventory Count, AR Batch Entry, etc)
- Names begin with:

W – Physical	Wzzzzz	
	WzzzzzFn	<i>Format Names for Work Physical Files</i>
X - Logical	Xzzzzznn	

Custom

- Single or multiple members
- Names begin with:

Y – Physical	Yzzzzz	
	YzzzzzFn	<i>Format Names for Custom Physical Files</i>
Z - Logical or <i>Join</i> Logicals	Zzzzzznn	

Other Interface Files

- Externally defined but multiple format within RPG
- Names begin with:

R - Received File
T - Transmission File

Field Source

All fields in **ORDER POWER!** files are externally defined in *Data Description Source* (DDS) files which reference a *Field Reference* file. The *Data Description Source* defines the sequence of the fields within the file, but the field length, format, etc. are defined in one of the following *Field Reference* files:

- PBAFLDRF** Base system, company specific physical files. Source is in library OPBAS, file QBAFILSRC.
- WBAFLDRF** Base system, company specific work files. Source is in library OPBAS, file QBAFILSRC.
- PCAFLDRF** Cross application physical files. Source is in library OPCAP, file QCAFILSRC.
- WCAFLDRF** Cross application work files. Source is in library OPCAP, file QCAFILSRC.

Format names are always formatted as: the *file name* followed by **F1**.

Physical files are always sequenced with at least one logical for **KEYED ACCESS**.

Exceptions to Keyed Access:

- Single record files are either "**READ**" one time only or "**CHAINED**" using **RELATIVE RECORD 1**.
- **Transmit** and **Receive** files for Credit Card authorization.

Multiple Member Files

May use Workstation ID's, date/time stamp, etc. Caution should be taken when using networks where the workstation ID can be assigned by the network, because Workstation ID will identify a user's temporary data entry member or records.

ATTN Key Concerns

When multiple workstation sessions are initiated by a single user with the ATTN Key, the second session uses the same Workstation ID as the first session. A workstation member used in the multi-member files may already be in use by the original job. Members / files can be secured by removing ***PUBLIC** authority from the **TFRSECJOB** program object.

Command Line

Access to *command line processing* can be denied to certain users by denying access to the user's group with **ORDER POWER!** security, or by revoking the user's authority to the **QUSCMDLN** program with iSeries 400 authorities.

Permanent Files List

Found in:	OPCAPF	
Source:	OPCAP / QCAFILSRC	<i>Always Shared</i>
File Name	Description	Field Prefix
PACPOF	Outfile for Data Dictionary documentation	AP
PAPCMT	Vendor Comments	AC
PAPOPT	Vendor Search Optimizer	AQ
PAPSRC	Vendor Search Triplets	AR
PAPVND	Vendor Master	AV
PARTRM	Accounts Receivable Payment Terms	AT
PCABUY	Corporate Buyers	CB
PCACMP	Corporate Companies	CC
PCADTADCT	Data Dictionary	Lists all fields
PCAFIDRF	Shared files Field Reference file	
PCAHLP	On-line Help Labels	HP
PCAMAN	Outfile: Access Paths Manifest	CM
PCAOVR	AP / GL Overrides	OV
PCAPAU	Corporate Profile Audit	IY
PCAPRF	Corporate Profile	CP
PCASIC	Standard Industrial Classification (SIC) codes	CV
PCATOP	Selected Topics Documents	TP
PCAZIP	Zip / City / State	CZ
PCAZOV	Zip / City / State user overrides	ZO
PDBROF	Outfile: Database Relations documentation	WH
PECDTL	E-mail Class Detail	EQ
PECHDR	E-mail Class Header	EP
PEMTYP	E-Mail Type	ET
PFFDOF	Outfile: File Field Description documentation	WH
PFRCRD	Fraudulent Credit Cards	FR
PMBROF	Outfile: Member List for documentation	ML
PNONBD	Non-business Days	NB
POPCFA	Configuration (Company profile)	QA
POPCFG	Configuration (Company profile) Audit	QQ
PPCAPD	PC Application Interface Detail	CJ
PPCAPH	PC Application Interface Header	CI
PPCAPX	PC Application Control	CL
PPGMOF	Outfile: Program Reference documentation	WH
PPVDFT	Prompt / Validate Defaults	PA
PPVOPT	Prompt / Validate Options	PB
PPVPRT	Printer Defaults	PV
PRCFOF	Outfile: Record Format documentation	RF
PSCCMP	Security Companies Denied	SC
PSCFNT	Security Events	SF

Found in: OPCAPF		<i>Always Shared</i>
Source:	OPCAP / QCAFILSRC	
File Name	Description	Field Prefix
PSCGRP	Security Groups	SG
PSCOBJ	Security Members Defined	OJ
PSCPRG	Security Programs Denied	SP
PSCUSR	Security User ID	SU
PSLTOF	Outfile: Access Path documentation	
PSTCOD	Inventory Storage Codes	SO
PTRPRT	Trading Partner Master	PT
PUSDFT	User Defaults	PU
PWBCCD	Web Contents Details	CD
PWBCCH	Web Contents Header	CC
PWBCOL	Web – Internet Safe Color Palette	BL
PWBPCN	Web Site Coupon Codes	BO
PWBCSS	Web Page Attributes	GM
PWBCTL	Web Profile	GB
PWBEMT	Web E-mail Types	CY
PWBHGS	Web Product Group Search	DR
PWBIDX	Web Index Page Control	GI
PWBITS	Web Products	BR
PWBMEM	Meta-Tag Keywords	BS
PWBMET	Meta-Tags	BT
PWBOSH	Web – Order Status Code Header	SH
PWBPAG	Web Pages defined	HG
PWBGS	Web Product Group Search	WR
PWBPSD	Web Personality Detail	GH
PWBPSH	Web Personality Header	PH
PWBSGS	Web Product Group / Subgroup Search	WS
PWBShP	Web Ship Via Codes	BV
PWBtND	Web Tender Codes	BN
PWBtXT	Web Page Headings	GG
PWBUSR	Web Site Users	BU
PWHPRT	Printer Parameters by Warehouse	PW
PYOIC1	Order Interface - Companies	YD

Found in: OPCAPF		<i>Sometimes Shared</i>
Source:	OPCAP / QCAFILSRC	
File Name	Description	Field Prefix
PINAISxxx	Warehouse Zone Master	IS
PINASDxxx	Item Assortment Detail	AI
PINASHxxx	Item Assortment Header	AH

Found in: Source:	OPCAPF OPCAP / QCAFILSRC	Sometimes Shared
File Name	Description	Field Prefix
PINASWxxx	Item Additional Search Words	JB
PINAUDxxx	Item Audit	IA
PINCPGxxx	Item Cross-sell Groups	JC
PINCNDxxx	Item Continuity Detail	KD
PINCNHxxx	Item Continuity Header	KH
PINCYCxxx	Cycle Count	IC
PINDDXnnn	Item Index Detail	JN
PINDSCxxx	Inventory Extended Descriptions	ID
PINHDXnnn	Item Index Header	JM
PINHSLnnn	Serial / Lot Control History	LH
PINHSTxxx	Inventory Transaction History	IH
PINISTnnn	Item Storage Codes	SI
PINKITxxx	Kit Components	IP
PINLOCxxx	Location Master	IL
PINLSTnnn	Location Storage Codes	SL
PINMSW	Item Additional Search Words	JA
PINOPTxxx	Item Triplets Search Optimizer	NO
PINPGDxxx	Product Group Extended Descriptions	JJ
PINPGPxxx	Item Product Groups	IJ
PINPRGxxx	Inventory Price Group	PG
PINPSMxxx	Personalization Master	PM
PINPSPxxx	Personalization Property	PP
PINQOHxxx	Inventory Qty-On-Hand	IO
PINQTYxxx	Inventory Quantities	IQ
PINRDTxxx	Item Cross-sell Group Detail	JD
PINRGDnnn	Cross-sell Group Extended Description	JD
PINRGPxxx	Item Cross-sell Group Header	JH
PINRSHnnn	Item Ship-to Restrictions	JR
PINSCAnnn	Item Search Column Assignment	JM
PINSCDxxx	Item: Scale Detail	BK
PINSCHxxx	Item: Scale Header	BJ
PINSClxxx	Item Search Column Header	JE
PINSCTxxx	Item Search Column Value	JG
PINSDTxxx	Item Substitution Group Detail	SD
PINSGDnnn	Product Group Extended Description	JK
PINSGPxxx	Item Product Sub-Groups	IK
PINSGRxxx	Item Substitute Groups	SH
PINSHPxxx	Warehouse / Shipper	IM
PINSPSxxx	Item Search Column Possibilities	JF
PINSRCxxx	Item Triplets Search File	NS
PINSTDxxx	Item: Style Detail	BB

Found in: Source:	OPCAPF OPCAP / QCAFILSRC	<i>Sometimes Shared</i>
File Name	Description	Field Prefix
PINSTHxxx	Item: Style Header	BA
PINTRSxxx	Item In-transit Inventory	TN
PINUdTxxx	Item Upsell Group Detail	UD
PINUGPxxx	Item Upsell Groups	UH
PINOUMxxx	Item: Unit of Measure	UM
PINVNTxxx	Inventory Master	IV
PINWEBxxx	Item Web Links	IE
PINWHSxxx	Warehouse Master	IW
PINWSTxxx	Warehouse Storage Codes	SW
PINWWBxxx	Warehouse Web Store info	JW
PINZSTnnn	Warehouse Zone Storage Codes	SA
PMLCHGxxx	Mailing List Changes	MA
PNLEMLxxx	Mailing List E-Mail Addresses	ME
PMLFEMxxx	Mailing List E-mail Address Finder	FE
PMLFNDxxx	Prospect Master	FL
PMLFOPxxx	Prospect Triplets Search Optimizer	FO
PMLFSRxxx	Prospect Triplets Search	FS
PMLLSTxxx	Mailing List Master	ML
PMLNAMxxx	Mailing List Contact Names	MN
PMLOPTxxx	Mailing List Triplets Search Optimizer	MO
PMLSHPxxx	Mailing List Ship to	MH
PMLSRCxxx	Mailing List Triplets Search	MS
PMLSUFxxx	Mailing List Valid Suffix File	MU

Found in: Source:	OPF001 OPBAS / QBAFILSRC	<i>Never Shared</i>
File Name	Description	Field Prefix
PARCTL	AR Control File	AX
PACAUD	AR Control Audit	IX
PADPMT	Order Entry Additional Payments	AO
PARBDC	Accounts Receivable Batch Customer Detail	BC
PARBDT	Accounts Receivable Batch Detail	BD
PARBHD	Accounts Receivable Batch Header	BH
PARBTD	Accounts Receivable Batch Tender Detail	BT
PARCTL	Accounts Receivable Sequence Control	AX
PARDTL	Accounts Receivable Detail	AD
PARLCM	Accounts Receivable Loan Comments	AM
PARLON	Accounts Receivable Loan	AL
PARSUM	Accounts Receivable Summary	AS

Found in: Source: OPF001 OPBAS / QBAFILSRC		Never Shared
File Name	Description	Field Prefix
PAUAVS	Authorization AVS Codes	AV
PAUCNT	Authorization Centers	AC
PAUDCL	Authorization Decline Codes	AE
PAUDFT	Authorization Defaults	AF
PAUJCL	Authorization Center JCL	AJ
PAULOG	Authorization Audit	AU
PAUPOS	POS On-line Authorizations	PP
PAUSET	POS Settlement Archive	PE
PAUTCP	POS TCP/IP Control	TP
PAUTCX	POS TCP/IP Communication Log	TL
PAUTRN	Authorization Transaction	AT
PBDCMT	Bid Header Comments	BC
PBDCPD	Bid Coupon Detail	BB
PBDCPN	Bid Coupon Info	BQ
PBDDCM	Bid Detail Comments	BF
PBDDTL	Bid Entry Detail	BD
PBDGFT	Bid Gift Certificate Detail	BV
PBDHDR	Bid Entry Header	BH
PBDPSD	Bid Personalization Properties	BJ
PBDBPSL	Bid Personalization Amounts	BK
PBLSHP	Bill to / Ship to by Order Cross-Reference	BS
PCINFO	Order Header Debit Check Information	DC
PCMAUD	Company Profile Audit	IA
PCMWAU	Company Profile Web Control Audit	IU
PCMWEB	Company Profile Web Control	GZ
PCNREA	Cancel Reason Codes	CR
PCNTCL	Country Taxable Item Classes	CT
PCORLT	Correspondence Letter Type	CL
PCORSP	Correspondence Master	CO
PCPEXT	Coupon Extended Description	CX
PCPMST	Coupon Master	CP
PCPREQ	Coupon Requirements	CQ
PATACT	Activity Tracking Action Codes	YH
PATARG	Activity Tracking Call Log Assignment Range	YG
PATAUD	Activity Tracking Control File Audit	IK
PATCMT	Activity Tracking Log Comments	YE
PATCTL	Activity Tracking Control File	YK
PATLOG	Activity Tracking Call Log	YD
PATREA	Activity Tracking Reason Codes	YI
PATREP	Activity Tracking Representatives	YF
PATRSL	Activity Tracking Resolution Codes	YJ
PCORSW	WORD Template PC Locations	CW
PFCDTL	Future Cost Detail	FA

Found in: Source:	OPF001 OPBAS / QBAFILSRC	Never Shared
File Name	Description	Field Prefix
PFCMST	Future Cost Master	FC
PFCQTY	Future Cost Quantity Break	FQ
PFILCK	File Lock	FL
PFNKEY	Function Key	FK
PFPBPR	Future Pricing: Base	KB
PFPBSH	Future Pricing Ship/Handling: Base	QB
PFPCPR	Future Pricing: Contract	KC
PFPCSH	Future Pricing Ship/Handling: Contract	QC
PFPIPR	Future Pricing: Customer Class	KI
PFPISH	Future Pricing Ship/Handling: Customer Class	QI
PFPKPR	Future Pricing: Media Book	KK
PFPKSH	Future Pricing Ship/Handling: Media Book	QK
PFPMPR	Future Pricing: Media	KR
PFPMSH	Future Pricing Ship/Handling: Media	QR
PFPMST	Future Pricing Change Master	IF
PFPSPR	Future Pricing: Special	KS
PFPSSH	Future Pricing Ship/Handling: Special	QS
PFRADR	Possible Fraudulent Addresses	FA
PFRSEA	Forecasting Seasonality Factors	FE
PFRTel	Possible Fraudulent Telephones	FT
PFTDTL	FTC Notice Detail	FD
PFTHDR	FTC Notice Header	FH
PGCAUD	Gift Certificate Control Audit	IZ
PGCCTL	Gift Certificate Control	GZ
PGFAUD	Gift Certificate Audit	GI
PGFCRT	Gift Certificates	GG
PGFRDM	Gift Certificate Redemptions	GK
PGLADJ	General Ledger Default Account File	GJ
PGLDFT	General Ledger Default	GF
PGLTRN	General Ledger Transaction	GR
PINBPR	Item Pricing: Base	IB
PINBSH	Item SH / Handling: Base	HB
PINGLC	Item GL Class	IG
PINHLD	Inventory Hold Codes	HL
PINIPR	Item Pricing: Customer Class	II
PINISH	Item SH / Handling: Customer Class	HI
PINSMW	Item Summary by Warehouse	IM
PINSPR	Item Pricing: Special	IS
PINSSH	Item Shipping / Handling: Special	HS
PINSUM	Item Summary	IU
PINTRN	Inventory Transaction Codes	IC
PINTXC	Item Tax Class	IT
PINVCS	Item/Vendor Costing	IV

Found in: Source: OPF001 OPBAS / QBAFILSRC		<i>Never Shared</i>
File Name	Description	Field Prefix
PINVED	Item / Vendor Extended Description	IE
PINVRF	Item / Vendor Reference	IR
PIPRAU	Item Price Change Audit	KA
PISHAU	Item Shipping/Handling Change Audit	KT
PLBREQ	Label Request	LB
PLSORD	Lost Orders	LS
PMABEX	Media Book Extended Description	BG
PMABOK	Media Book	BM
PMABPR	Item Pricing: Media Book	MK
PMABSH	Item SH / Handling: Media Book	HK
PMABTM	Media Book Item	BI
PMAEXT	Media Extended Description	MG
PMAGLC	Media GL Class	MB
PMAITM	Media Item	MI
PMAMED	Media Master	MM
PMAMPR	Item Pricing: Media	MR
PMAMSH	Item SH / Handling: Media	HR
PMARSP	Media Response Curve	MJ
PMLAGE	Mailing List AR Aging "as of"	MG
PMLCMC	Comment Codes	MF
PMLCMT	Customer Comments	MO
PMLCPR	Item Pricing: Contract	MC
PMLCSH	Item SH / Handling: Contract	HC
PMLDCL	Alert Class Code	MD
PMLDCN	Contact Demographic Codes	KE
PMLDEM	Mail List Demographic Codes	ME
PMLRFM	Mail List RFM Scoring	MQ
PMLPRC	Customer Class	MP
PMLSTA	State Codes	MS
PMLTRY	Country Codes	MT
PMTCMP	Company Control	GC
PMPAY	Multi Payments for Segments	AP
PNTLCK	Notes Locking Control	NC
POCDTL	Order Detail Counter Sales	CD
POCHDR	Order Header Counter Sales	
PODEDI	Order Detail EDI Information	EG
POESRL	Order Serial / Lot Numbers	EN
POOSTK	Out of Stock	PS
POCHDR	Order Header Counter Sales	CH
POOSTK	Out of Stock	PS
POPKCD	Picker Efficiency Detail	PI
POPKCH	Picker Efficiency Header	PJ
PORAUD	Order Audit Trail	OA

Found in: Source: OPF001 OPBAS / QBAFILSRC		<i>Never Shared</i>
File Name	Description	Field Prefix
PORCMT	Order Comments	OC
PORCPD	Order Coupon Information Detail	OB
PORCPN	Order coupon Information	OQ
PORCRH	Credit Hold Codes	OL
PORDCM	Order Detail Comments	OF
PORDOC	Order Detail for Ship Doc	OE
PORDTL	Order Detail	OD
PORGFT	Order Detail Gift Certificates	OV
PORHDR	Order Header	OH
PORORT	Order Origin Codes	OO
PORPCK	Order Detail in Pick Status	OP
PORPSD	Order Personalization Information	OJ
PORPSL	Order Personalization Information	OK
PORPTY	Priority Codes	OI
PORRET	Return Codes	OR
PORSEG	Order Segments	OG
PORSHP	Order Shipped History	OS
PORSRL	Order Detail Shipped Serial	RL
PORTND	Tender Master	OT
PORWHS	Zip Code / Warehouse	OW
PPBLOG	Pick Batch Log	PB
PPGLOG	Purge / Refresh Log	PL
PPKCOD	Pick Ticket Codes	PK
PPOAUD	Purchase Order Audit Trail	PA
PPOBDT	PO Batch Detail	QD
PPOBHD	PO Batch Header	QH
PPOCMT	Purchase Order Comments	PC
PPODCM	Purchase Order Detail Comments	PF
PPODTL	Purchase Order Detail	PD
PPOHDR	Purchase Order Header	PH
PPRDFT	Printer Defaults	PR
PPSBPR	Personalization Price: Base	NB
PPSCPR	Personalization Price: Contract	NC
PPSGLC	Personalization GL Class File	PG
PPSIPR	Personalization Price: Customer Class	NI
PPSKPR	Personalization Price: Media Book	NK
PPSMPR	Personalization Price: Media	NR
PPSSPR	Personalization Price: Special	NS
PRAAUD	Return Authorization Audit	RA
PRACMT	Return Authorization Comments	RC
PRADTL	Return Authorization Detail	RD
PRAHDR	Return Authorization Header	RH
PRASRL	Return Authorization Serial / Lot Numbers	

Found in: Source: OPF001 OPBAS / QBAFILSRC		<i>Never Shared</i>
File Name	Description	Field Prefix
PRATAG	Return Authorization Call Tags	RT
PRTQTY	Credit Memo Returns	RQ
PSCTRN	Security Inv. Trans. Denied	ST
PSHCLC	Ship/Handling Calc Method Charts	SC
PSLMAN	Salesperson Master	SM
PSTAUD	Style Control Audit	XA
PSTCTL	Style Control	GA
PSTTCL	State Taxable Classes	ST
PSTXRF	Tax File State-to-State Cross Reference	SX
PSVFRG	Ship Via Rate Shopping Groups	SF
PSVHND	Shipper Defaults	SH
PSVMAN	Shipper Manifest Master	SN
PSVRAT	Ship Via Weight/Rate Master	SR
PSVSHP	Ship Via Master	SS
PSVWGT	Ship/Handling (7) State / Weight	SW
PSVZIP	Zip/Ship Via Reference	SP
PSVZON	Ship Via Zone Master	SZ
PTAXCD	County/Local taxing Codes	TC
PTAXOV	Tax: Override Tax Percent	TO
PTAXRT	Tax Rates (County / Local)	TR
PTAXST	Tax Transactions	TX
PTRAUD	Transaction Audit Codes	TA
PTXEXZ	Tax Exempt Zip Code File	TE
PUSREA	User Reason Codes	UR
PWBCMC	Web Site Extended Description Comment Codes	FF
PWBDEM	Web Site Demographic Codes	MW
PWBISQ	Web Site Item Sequencing	BI
PWBOSD	Web Site Order Status Code Descriptions	SD
PWBPSG	Web Site Item Product Groups / Subgroups	BG
PWBPSQ	Web Site Product Group Sequencing	BP
PWBSSQ	Web Site Sub-Group Sequencing	BS
PWBTSP	Web Orders Tax Support Records	BX
PXIND1	Export EDI Customer Invoices, Detail	EB
PXIND2	Export EDI Customer Invoices, Additional Detail	EE
PXINH1	Export EDI Customer Invoices, Header	EA
PXPAD1	Export EDI Purchase Order Acknowledgment, Detail	ED
PXPAD2	Export EDI Purchase Order Acknowledgment, Additional Detail	EF
PXPAH1	Export EDI Purchase Order Acknowledgment, Header	EC
PXPOD1	Export EDI Vendor Purchase Orders, Detail	EH
PXPOH1	Export EDI Vendor Purchase Orders, Header	EJ
PYOID1	Order Interface, Order Detail	VB
PYOID2	Order Interface, Coupons	VG
PYOID3	Order Interface, Gift Certificates	VI

Found in:	OPF001	
Source:	OPBAS / QBAFILSRC	Never Shared
File Name	Description	Field Prefix
PYOID4	Order Interface, Personalization Header	VL
PYOID5	Order Interface, Personalization Details	VM
PYOID6	Order Interface, Detail Line Notes	VK
PYOID7	Order Interface, Serial / Lot Control Numbers	VN
PYOIH	Order Interface, Order Header	VA
PYOIH2	Order Interface, Order Header Additional	VF
PYOIH3	Order Interface, Additional Payments	VH
PYOIML	Order Interface, Mailing List	VC
PYOITX	Order Interface, State Taxes	VE
PZNSKP	Zone Skip	ZS

Work Files List

Found in: Source:	OPCAPF OPCAP / QCAFILSRC	
File Name	Description	Field Prefix
WCLPRC	Clipper Ship Orders Shipped	VR
WCLPTR	Clipper Ship Orders Released	VP
WEMAIL	E-mails – long line	WE
WEMDTL	E-mails - short line	WE
WFMDDM	Media Demand File	WF
WIITDM	Item Media Demand File	WI
WLPMAN	Logistics Pro Manifest	WM
WLPSHP	Logistics Pro Ship Complete Orders	WP
WPCSHP	PC Upload Shipment Confirmation	WJ
WPSDTL	PC Upload Shipping Detail	W2
WPSHDR	PC Upload Shipping Header	W1
WSTBCH	Style Creation Batch	WS
WVBDSC	Extended Description work for Visual Basic	VB
WWBITS	Web Store Items	BR
WWBPGS	Product Group Search	WR
WWBSGS	Product Sub-Group Search	WS

Found in: Source:	OPF001 OPBAS / QBAFILSRC	
File Name	Description	Field Prefix
WARDTL	Accounts Receivable Detail File	WD
WARGNL	AR Posting GL Account Summary	WB
WARINQ	AR Inquiry	WI
WARINV	Invoice Print	VN
WARLTR	Work File for Office Vision Letter from AR	WA
WARLTW	Work File for Word letter from AR	WA
WARTND	AR Posting Tender Summary	WB

Found in: Source:		OPF001 OPBAS / QBAFILSRC	
File Name	Description		Field Prefix
WBAFLDRF	Base Application Field Reference		
WBOITM	Orders Sorted by Backorder Quantity		WB
WBOOKS	Media Book Analysis		WB
WBULKP	Work File for Optimized Bulk Pick Ticket		WB
WCINFO	Debit Check information		WC
WCMDTL	Work Receiving Commit Detail		WG
WCSMRG	Customer Merge		WD
WDRSHP	Drop Ship Work File		WQ
WDSHED	Drop Ship Confirmation (Ship/Handling/Misc)		WH
WDSRCF	Drop Ship Confirmation		WR
WEMSND	E-Mail		WX
WFRCSST	Forecasting		FF
WFWHSE	Suggested Warehouse Transfers		UE
WRFSHS	Forecasting Order Shipped History		FS
WFRVND	Forecasting Vendor Information		FV
WFTHDR	FTC Notice		OD
WGFCRC	Gift Certificate Counter Sales		VG
WGFCRT	Gift Certificate		VG
WINQOH	Item Quantities by Location		WO
WINQTY	Item Quantities by Warehouse		WQ
WINQWH	Item Quantities by Warehouse		VP
WIODPS	Web Order Personalization		OP
WIODSL	Web Order Serial / Lot Numbers		GQ
WIORDR	Web Orders		IU
WIRDPY	Web Orders – Additional Payments		WQ
WITRAN	Inventory Transaction		WH
WITSRL	Inventory Transaction Serial / Lot number		WH
WITXST	Web Order Taxes		VX
WKBANA	Work Book Analysis report		WA
WMLDUP	Mail List Duplicate Work File		WM

Found in: Source:		OPF001 OPBAS / QBAFILSRC	
File Name	Description		Field Prefix
WMLFLB	Work FInder Label Select Output File		WL
WMLLBL	Label Selection Work File		WL
WMLLST	Mail list Interface Upload		WM
WMLRFM	Mail List RFM Scoring		WQ
WMLSAL	Customer Sales Analysis		ML
WOECPD	Order Coupon Info Detail		VB
WOECPN	Order Coupon Info		VQ
WOEDTL	Order Entry Detail		VD
WOEGFT	WORK Files, Order Detail Gift Certificate		VV
WOEHDR	Order Entry Header		VH
WOELTR	Work file for Office Vision Letter from OE		WO
WOELTW	Work file for Word letter from OE		WO
WOEPSD	Order Personalization Info		VJ
WOEPSL	Order Personalization Info		VK
WOESEA	Order Extended Search Result		EX
WOFLRT	Fill Rate report		WO
WOOSTK	Out of Stock (lost sales) for Forecasting		WS
WORCAN	Cancelled Quantity		WE
WORCNI	Cancelled Orders Report		OD
WORDLN	Order Interface – Line Item Notes		WL
WORDPS	Order Interface - Personalization		WS
WORDPY	Order Interface – Additional Payments		WV
WORDRS	Order Interface – Items Ordered		WU
WORDSL	Order Interface – Serial / Lot Numbers		WG
WORDTI	Item Ship / Handling Calculations		WY
WORDTL	Order Detail for Calculations		WD
WORMOV	Order Release Items		VS
WORRMB	Order Release Quantities for Pick Tickets – Detail		WS
WORRMN	Order Release Quantities for Pick Tickets - Summary		WR
WORRPB	Order Release – Non-pick Location Quantities		VL

Found in: Source:		OPF001 OPBAS / QBAFILSRC	
File Name	Description		Field Prefix
WORRPN	Order Release – Non-pick Warehouse Quantities		VN
WORTTL	Order Release Totals		WO
WORUNV	Order Release – Unavailable Items		WU
WPCKDT	Pick Velocity Report - Detail		WP
WPCKHD	Pick Velocity Report - Header		WH
WPGSQI	Page / Sq Inch Summary File		WP
WPKDTL	Cycle Count Assignment by Pick Velocity - Detail		WP
WPKHDR	Cycle Count Assignment by Pick Velocity - Header		WH
WPKWHS	Cycle Count Assignment by Pick Velocity - Warehouse		WW
WPOBCH	PO Batch Creation		WZ
WPOCNL	PO Canceled Quantity		WF
WPODOC	PO Document Print Selections		WP
WPOGEN	Automatic PO Generation		WN
WPOITM	Items below minimum report		WE
WPOLTR	Work File for F11=Letter from PO		WP
WPSFRD	Possible Fraud		WJ
WRCCST	P.O. Receiving Costing		WC
WRCDTL	P.O. Receiving Detail		WC
WRCSRL	P.O. Receiving – Serial / Lot Numbers		WC
WREPLN	Replenishment Report		WR
WRKSRL	Data Entry - Serial / Lot Numbers		WV
WRLDTL	P.O. Receiving Locations		VC
WRRTVN	Reverse Return to Vendor Detail		WC
WRTORD	Order Analysis Report		WZ
WRTRET	Items below Minimum report		WK
WRTSLS	Sales Commissions report		\$\$
WRTSUM	Return Code Summary		WL
WRTVND	Royalties report		\$\$
WRVDTL	Receiving Detail		WC
WSGTRF	Suggested Inventory Transfers		WF

Found in:		OPF001
Source:		OPBAS / QBAFILSRC
File Name	Description	Field Prefix
WSHDTL	Shipping Detail	WA
WSHHDR	Shipping Header	WA
WRTSHP	Items below Minimum Report	WK
WSHSEG	Shipping Segment	WA
WSHSRL	Shipping Serial	WA
WSLSAN	Customer Sales Analysis by Dollars	WS
WTAXST	State Tax Report	WX
WTCDTL	Warehouse Transfers - Receiving Commitments	UB
WTHEBT	Order Release – Theoretical Inventory Header	VT
WTHEOR	Order Release - Theoretical Inventory Detail	WT
WTRDTL	Warehouse Transfers – Receiving Details	UA
WTRFIL	Transfer File Output	WZ
WTWHSE	Suggested Warehouse Transfers	UC
WTXCNL	Tax Being Canceled	WT
WVNPRF	Vendor Performance Report	WI
WWBCSS	Web Store Style Sheet Maintenance	WW
WEBDIR	Web Store – IFS Path	FI
WWBEML	Web Orders – E-mail Data	BH
WWBHTI	Web Store – Copy HTML Includes to IFS	WW
WWBISQ	Web Store – Item Sequencing	BI
WWBMET	Web Store – Copy Meta-tags to IFS	WW
WWBOID	Web Order Inquiry – Detail	BO
WWBOIH	Web Order Inquiry - Header	BN
WWBOIM	Web Order Inquiry – Manifest Detail	BP
WWBPSQ	Web Store – Product Group Sequencing	BP
WWBSSQ	Web Store – Item Sequencing	BS
WWRANK	Item Ranking Report	WW
WWRANK	Ranking Work File	WW

Credit Card Interface Files List

File Name	Description	Field Prefix
RANDMG	Credit Card Receipt File from DMGT Host	
RAUNAB	Credit Card Receipt File from NaBanco Host	
RAUND2	Credit Card Receipt File from NDC PC Batch	
RAUND3	Credit Card Receipt File from NDC PC Batch	
RAUNDC	Credit Card Receipt File from NDC Host	
RAUTJL	Credit Card Receipt File from TJL Host	
RBOWES	Upload File from Pitney Bowes PC Manifesting	
RTNDDTA	Upload File from Tandata PC Manifesting	
TANDMG	Credit Card Transmission File to DMGT Host	
TAUNAB	Credit Card Transmission File to NaBanco Host	
TAUND2	Credit Card Transmission File to NDC PC Batch	
TAUNDC	Credit Card Transmission File to NDC Host	
TAUTJL	Credit Card Transmission File to TJL Host	

Logical File to Physical File Relationships

Company Specific (Never Shared Files)

- Physical and Logical files reside in company specific library (IE OPF001)
- Logical files always point to the physical file in the *same* library
Example:

OPF001

PORHDR (Order Header)

LORHDR01 (logical to Order Header)

LORHDR02

•

•

LORHDR09

PORDTL (Order Detail)

LORDTL01 (logical to Order Detail)

LORDTL02

•

•

LORDTL05

Cross Company (Sometimes Shared Files)

- Physical files always reside in library OPCAPF
- Physical file names end with the three-digit company number that "owns" (or initiated) the file.
- Logical files always reside in a company specific library (IE OPF001) but point to the physical for the “owning” company in library OPCAPF
- Any company (except Company 001) can share a Cross Company file from another company. Because Company 001 is delivered, not user-created, it can not share files “owned” by another Company (but any other Company can share files with Company 001).
- Once files have been setup as shared or cross-company files (IE inventory and Mail List), they cannot be changed back to single-company files. The file structure cannot be ***changed at a later date***. Examples:

OPCAPF

PMLLST001 (Mail List)

** Is *owned* by company 001 but *shared* with company 002**OPF001**

LMLLST01 (Mail List logical) points to PMLLST001. Same for other customer related Logical files:

LMLLST02

-
-

LMLLST11

LINVNT01 (Inventory logical)

LINVNT02

-
-

LINVNT11

OPF002

LMLLST01 (Mail List logical) points to PMLLST001. Same for other customer related Logical files:

LMLLST02

-
-

LMLLST11

LINVNT01 (Inventory logical)

LINVNT02

-
-

LINVNT11 tc

Status of Orders in the Fulfillment Cycle

Status is maintained internally by **ORDER POWER!** as an order flows through the fulfillment cycle. The status represents the current order *or* order segment status. For example, when the first segment of a *segmented* order has been shipped and a second segment is awaiting further processing, the order status represents the current status of the second segment; the first segment has completed its life-cycle.

The status code, found in file **PORHDR**, field **OHSTCD** is determined by both the order type (1, 2, or 3) and the most current order and/or segment status (IE “---”, “SHIPPED”, “CNFIRM”, etc.).

The following table lists the status based on the order type and the latest action performed on the order. **Stat Lvl** (Status Level) indicates whether the last and next status displayed on the **ORDER POWER!** screens refers to the entire order (**O**), the current order segment (**S**), or both the order header and segment (**B**).

Status	Type 1 Order	Stat Lvl	Type 2 Order	Stat Lvl	Type 3 Order	Stat Lvl
0	Order entered	O	order entered	O	order entered	O
1	authorized and/or settled	O	pre-authorized	O	pre-authorized	O
2	Vouchered	O	shipping documents printed	S	shipping documents printed	S
3	shipping documents printed	S	ship confirmed and posted	S	ship confirmed and posted	S
4	ship confirmed	B	authorized and/or settled	S	authorized and/or settled	S
5	N/A	N/A	Vouchered	S	COD tag printed	S
6	N/A	N/A	Invoiced	B	invoiced	B

Table of Order Statuses

Fields in file PORHDR

An internal order status or series of codes are maintained internally for system processing. These fields are maintained in the Order Header record (PORHDR). The order header status codes are displayed in the upper right corner of the Order Display / Inquiry screen. An example of the order header status codes might be: **A 1 3** where....

The codes are defined as follows:

Code 1 (**record status** - OHRCST)

A - Active

S - Shipped

C - Cancelled

Code 2 (**order type** - OHTYPE)

1 - Type 1 order

2 - Type 2 order

3 - Type 3 order

Code 3 (**internal order status** - OHSTCD)

status of order (values **0-6**)

*Refer to the order status table
on the previous page.*

Order Display				S 3 6	
Order #	8125	Date	1/02/x6	Last	Next
				SHIPPED	
Customer	34	Mary Ellen Vandorien			Customer Notes Exist
Bill To	34	Mary Ellen Vandorien			Referenced By Orders
Tender / #	AR1			Exp	Bank
Preauthorization	Pre-Approved	by OE		Decl	# Date 1/02/x6
Authorization				Decl	# Date
Totals	Original	55.09		Credit Memo	N
	Cancelled	.00		Priority Code	
	Net	55.09		Freight Collect	N
	Invoiced	51.29		Customer Class	SPC
	OE Tendered	.00		Terms	NET
				PO #	
				PO Match	Code
F1=Help	F3=Exit	F10=Addl	F11=Letter	F12=Cancel	
F13=Sold Outs	F14=Cust Notes	F15=Maint	F16=Cust Info	F17=AR	
F18=Ord Notes	F19=Ref Order	F20=Ord Total	F21=Print	F23=User	

Order Inquiry Display

Procedure for deleting a specific **ORDER POWER!** Company

1. Perform a complete backup/save of company (s) to be deleted.
2. Delete company specific libraries. For example if the company is 101 from a command line type in the command: **DLTLIB LIB (OPF101)**.
3. Delete company specific files from the cross-application library. For example, if the company is 101 type in command:

WRKOBJPDM LIB(OPCAPF) OBJ(101) OBJATR('PF-DTA')

On the work with objects using PDM panel type in opt '4' beside the first object in the list and then press **F13** to repeat opt '4' for all the objects and delete the objects.

4. There are *shared* files in library OPCAPF that have company specific records which also need to be deleted they are:

<u>File</u>		<u>Library</u>	<u>Field Name For Company</u>
PCACMP	Corporate Companies	OPCAPF	CCCMP#
PCAMAN	Manifest File	OPCAPF	CMCMP#
PPVDFT	Prompt & Validate Print Defaults	OPCAPF	PACMP#
PLPXRF	Logistics Pro Interface	OPCAPF	PXCMP#
PPVOPT	Prompt & Validate Print Options	OPCAPF	PBCMP#
PPVPRT	Printer Parameter Defaults	OPCAPF	PVCO#
PRSEXC	Resynch Exceptions	OPCAPF	RSCMP#
PTRPRT	Trading Partner Master	OPCAPF	PTCMP#
PYOIC1	Order Interface Defaults	OPCAPF	VDCMP#
PTOIC2	Order Interface Defaults add-on	OPCAPF	VDCMP#

To remove these records may involve a few steps to insure only the Company records selected.

1. Run queries to determine # of company specific records.
2. Use copy file commands to copy out entire file to a temporary library, then copy file command to copy back only the required records or use the **UPDDTA** command to delete the record(s).
3. Delete custom library (if it exists) type in the command:
DLTLIB OPCUS101.

Credit Memos

- Credit memos are orders in the system with negative quantities
- Credit memos can have a negative dollar total, zero balance, or positive dollar total. Negative quantity lines may affect inventory based on the *return to stock indicator* of the return code assigned to the credit memo
- Return authorizations can be referenced to create a credit memo

Order Logs

An Order Entry Log is a report that details the information collected from the customer during the order entry process. The log can record the time the call was received and the order initiated, the operator's name, the customer's contact and order information (IE name and telephone number, merchandise description and quantity), and the time the order entry process ended. Two types of Order Entry logs are available: a *long* and *short* log.

The basic *short* log shows the name, order number, order entry operator, the time of the order, and caller's telephone number. After completing the order, another line is printed that shows the time order entry ended. This report can be used to issue call backs when the telephone system fails during order taking.

The *long* log prints a complete view of the order, similar to an order confirmation listing. This log is used as backup in case of computer hardware failure.

Profile Requirements

The profile options enable the Order Entry Log and define the destination output queue.

Data Queue

- (*CURR/BADTAQ)

Printer File

- OPBASO / OE01511P
- Automatically / immediately printed
- Requires a dedicated printer
- CHGPRTF FILE(OPBASO/OE01511P) DFRWRT(*NO)
SCHEDULE(*IMMED)

End Job

- OEAUDITLST
- Do not use *IMMED, instead use option 4 from the WRKACTJOB command

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