

Run ISO Image from Virtual Optical Drive

On the iSeries machine create a virtual optical drive if it does not exist already.

1. Note: If a virtual optical device already exists, this step is optional.
On the operating system command line, type the following:
CRTDEVOPT DEVD(OPTVRT03) RSRCTYPE(*VRT)
Press the Enter key

```
Create Device Desc (Optical) (CRTDEVOPT)
Type choices, press Enter.
Device description . . . . . > OPTVRT03      Name
Resource name . . . . . > *VRT              Name, *NONE, *VRT...
Device type . . . . . > *RSRCNAME          *RSRCNAME, 63BC, 63BB, 632A...
Local internet address . . . . . > *NONE    *NONE, *SRVLAN
Online at IPL . . . . . > *YES             *YES, *NO
Message queue . . . . . > *SYSOPR         Name
Library . . . . . >                      Name, *LIBL, *CURLIB
Text 'description' . . . . . > Optical Drive for Software Installation
-----
Additional Parameters
Authority . . . . . > *ALL_              Name, *CHANGE, *ALL, *USE...
```

2. On the operating system command line, type the following:
VRYCFG CFGOBJ(OPTVRT03) CFGTYPE(*DEV) STATUS(*ON)
Press the Enter key.

```

HOST: | 10.11.1.204 | PORT: | 23 | WORKSTATION ID: |
Vary Configuration (VRYCFG)

Type choices, press Enter.

Configuration object . . . . . CFGOBJ          > OPTVRT03
                    + for more values
Type . . . . . CFGTYPE          > *DEV
Status . . . . . STATUS         > *ON
Range . . . . . RANGE           *NET
Reset . . . . . RESET           *NO
Submit multiple jobs . . . . . SBMMLTJOB      *NO
Job description . . . . . JOBID           QBATCH
Library . . . . .                *LIBL

```

- On the operating system command line, type the following:
 CRTIMGCLG IMGCLG(xxxxx) DIR('/yyyyy') CRTDIR(*YES)
 where: xxxxx = name of image catalog yyyyy = name of directory where images
 will reside
 Press the Enter key.

```

Create Image Catalog (CRTIMGCLG)

Type choices, press Enter.

Image catalog . . . . . > ISOIMAGE      Name
Directory . . . . . > '/ISOimages'

Image catalog type . . . . . *OPT        *OPT, *TAP
Create directory . . . . . *YES         *YES, *NO
Import image catalog . . . . . *NO       *NO, *YES
Catalog ASP threshold . . . . . *CALC    1-99, *CALC, *MAX
Add virtual volumes . . . . . *NONE      1-256, *NONE, *DIR

Additional Parameters

Text 'description' . . . . . 'Image to install software from ISO
Authority . . . . . *all              Name, *EXCLUDE, *LIBCRTAUT...

Bottom
F3=Exit  F4=Prompt  F5=Refresh  F12=Cancel  F13=How to use this display
F24=More keys

```

Specify *YES to create a directory in IFS

```

Work with Image Catalogs
System: PRODATA4
Type options, press Enter.
1=Create 2=Change 4=Delete 8=Load 9=Unload 10=Verify
12=Work with entries

```

Opt	Image Catalog	Status	Type	ASP Threshold	Device	Device Status
—	ISOIMAGE	Not ready	Optical	*CALC		
—	PTFCATALOG	Ready	Optical	*CALC	OPTVRT01	Active

A catalog image is created and will be in a not-ready status.

Transfer the ProData ISO Image via FTP or through windows explorer

Rename to PDSsoftware.iso

```

Administrator: C:\Windows\System32\cmd.exe - ftp 10.1.1.205
230 QPGMR logged on.
ftp> bin
200 Representation type is binary IMAGE.
ftp> put ProDataSoftware.iso /ISOimages/PDSsoftware_iso

```

File stored in IFS directory /ISOimages

```

Work with Object Links
Directory . . . . . : /ISOimages
Type options, press Enter.
2=Edit 3=Copy 4=Remove 5=Display 7=Rename 8=Display at
11=Change current directory ...

```

Opt	Object link	Type	Attribute	Text
—	PDSsoftware.iso	STMF		
—	QIMGCLG	STMF		

- On the operating system command line, type the following:
 ADDIMGCLGE IMGCLG(ISOIMAGE) FROMFILE('/ISOimages/PDSoftware.iso')
 TOFILE(PRODATA)

IMGSIZ = Image size can be 48 - 16000 (megabytes), *CD650, *DVD2600, or *DVD4700. Press the Enter key.

```

Add Image Catalog Entry (ADDIMGCLGE)

Type choices, press Enter.

Image catalog . . . . . > ISOIMAGE      Name
From optical device, or . . . . .      Name, *VOL
From image file . . . . . > '/ISOimages/PDSoftware.iso'

-----
To image file . . . . . PRODATA
-----

Image catalog index . . . . . *AVAIL      1-256, *AVAIL
Replace catalog entry . . . . . *NO        *NO, *YES, *INSERT
Text 'description' . . . . . *GEN

-----

Additional Parameters

Allocate storage size . . . . . *MIN      *MIN, *IMGSIZ
Tape volume name . . . . . *GEN      Character value, *GEN
Volume type . . . . . *SL        *SL, *NL

More...
F3=Exit  F4=Prompt  F5=Refresh  F12=Cancel  F13=How to use this display
F24=More keys

MA  D 12/015

```

You can use option 12 from the “work with image catalog entries” (WRKIMGCLG) then option 1 to add a catalog image.

NOTE: You must name the Image File “PRODATA” to prevent errors during installation.

```

Work with Image Catalog Entries
System: PRODATA4
Catalog . . . : ISOIMAGE      Status . . . : Not ready
Type . . . . : Optical       Device . . . :
Directory . . . . : /ISOimages

Type options, press Enter.
1=Add  2=Change  4=Remove  6=Mount  8=Load  9=Unload
10=Initialize volume  12=Work with volume

Opt  Index  Status  Image File Name
--  *AVAIL
--   1  Loaded  PRODATA

```

Image will be loaded automatically.

Go back to the Image catalogs (WRKIMGCLG)

```

Work with Image Catalogs
System: PRODATA4
Type options, press Enter.
1=Create 2=Change 4=Delete 8=Load 9=Unload 10=Verify
12=Work with entries

Opt  Image Catalog  Status  Type  ASP Threshold  Device  Device Status
--  -----
--  ISOIMAGE      Not ready  Optical  *CALC
--  PTFCATALOG    Ready     Optical  *CALC  OPTVRT01  Active

```

Use option 8 to load the catalog or the following command below.

- On the operating system command line, type the following:
 LODIMGCLG IMGCLG(ISOIMAGE) DEV(OPTVRT03)
 Press the Enter key.

```

Load or Unload Image Catalog (LODIMGCLG)

Type choices, press Enter.

Image catalog . . . . . > ISOIMAGE      Name
Option . . . . . > *LOAD              *LOAD, *UNLOAD
Virtual device . . . . . optvrt03    Name
Write protect . . . . . *DFT         *DFT, *ALL, *NONE
Library mode . . . . . *NO          *NO, *YES

```

The catalog image will be loaded and ready after this step.

```

                                     System: PF
Type options, press Enter.
 1=Create  2=Change  4=Delete  8=Load  9=Unload  10=Verify
12=Work with entries

Opt  Image Catalog      Status      Type      ASP      Device      Device
     ISOIMAGE         Ready      Optical   *CALC    OPTVRT03   Active
     PTFCATALOG      Ready      Optical   *CALC    OPTVRT01   Active

```

Use option 12 to look at the entries, then option 12 again to look at the volume

```

Work with Optical Volumes
System: PRODATA5
Device . . . . . OPTVRT01

Type options, press Enter.
1=Add 2=Change 3=Copy 4=Remove 5=Display 8=Work with directories
10=Initialize 11=Work with object links 12=Duplicate ...

Opt Volume Device Volume Media Authorization
Type Type List
--- PRODATA OPTVRT01 *PRIMARY *CD-ROM QOPTSEC

Parameters or command
===>
F3=Exit F4=Prompt F5=Refresh F6=Print list F9=Retrieve F11=View 2
F12=Cancel F14=Show extended information F24=More keys
Bottom

```

Use option 11 from the screen above to look at the files

```

Work with Object Links
Directory . . . . : /QOPT/PRODATA

Type options, press Enter.
2=Edit 3=Copy 4=Remove 5=Display 7=Rename 8=Display attributes
11=C_hange current directory ...

Opt Object link Type Attribute Text
--- DBU DSTMF
--- DBUNIFY DSTMF
--- INSTALL DSTMF
--- QTEMP DSTMF
--- RDB40 DSTMF
--- RDR40 DSTMF
--- SQLPRO50 DSTMF

Parameters or command
===>
F3=Exit F4=Prompt F5=Refresh F9=Retrieve F12=Cancel F17=Position to
F22=Display entire field F23=More options
Bottom

```

On the operating system command line, type the following:

LODRUN OPTVRT**

Replace ** with the optical virtual drive number you created in the steps above.

```
Install ProData Products

1.  DBU/ DBU-SERVER
    DBU-DataBase Utility - database productivity tool to update files
    instantly without programming.
    DBU RDI/WEB - View and modify data via RDi and Web
    NESTRPG-updates source code showing nesting conditions and
    reference statements.

2.  RDB Connect - Access and update remote databases.

3.  SQL-cost effective structured language with an extensive report formatter.

4.  DBUnifier-Database maintenance applications.

5.  CVTRPGIV-enhances conversion to RPGIV from earlier RPG versions.

6.  RDR 4-Retrieve delete records on your IBM iSeries.

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OPTION:  _
F3=Exit  _  F12=Cancel

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```