

# LAB - iSeries Infoprint Designer



# Infoprint Designer for iSeries

## Image Editor

Image creation and editing... ("pel whack" at the pel level)

Rescale, resize, cut, paste, crop, invert, shade, flip, mirror, rotate (in 1 deg increments)

Color Support

Import TIFF graphics with conversion to IOCA "on the fly"

Text entry options with image

## Overlay Editor

Overlay creation and editing (can do multiples per project)

Duplicate and repeat functions

UNDO / REDO - Color Objects

Use a scanned image as a design template

Import existing overlays from AFP Utilities

## Layout Editor

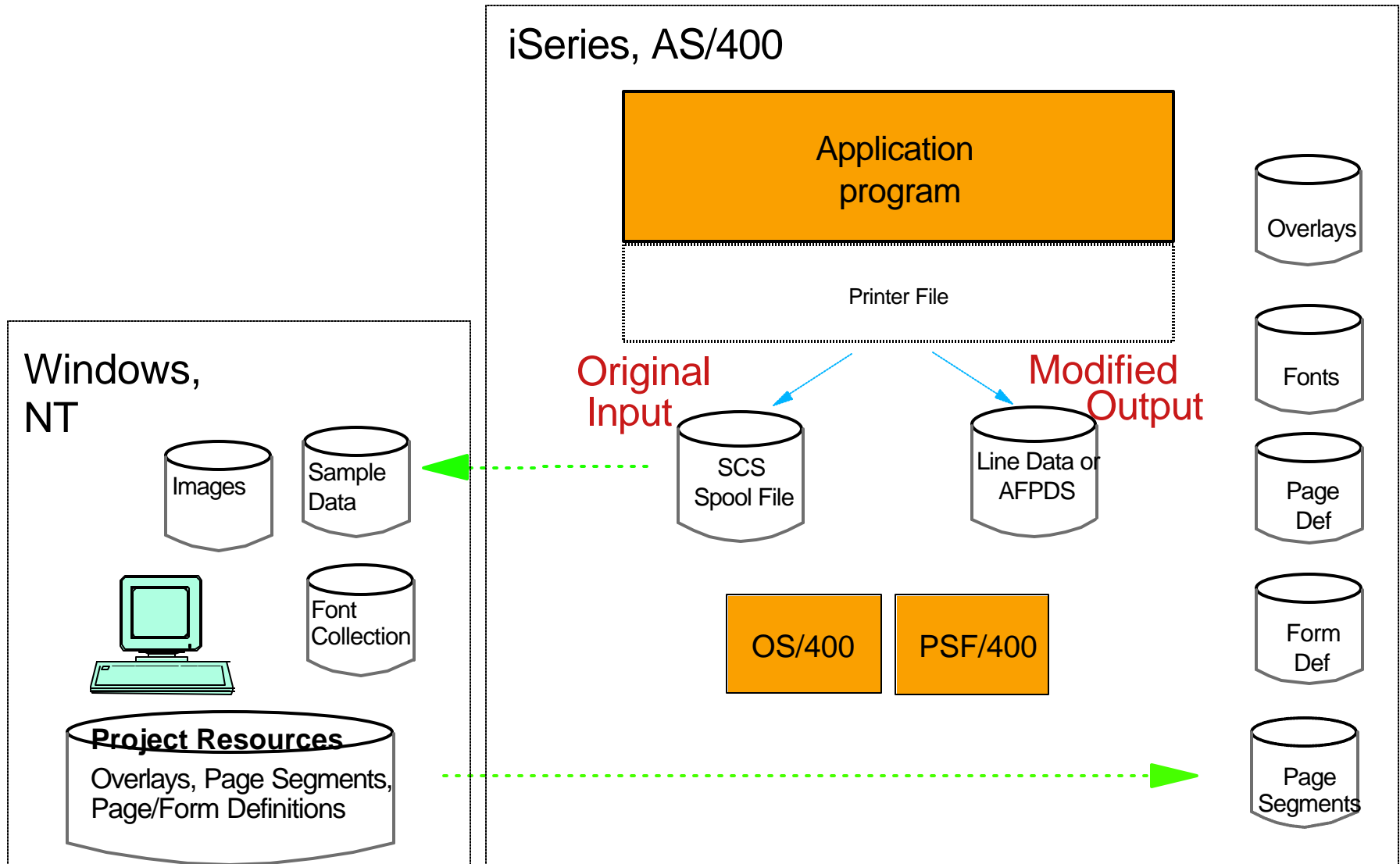
Maps and formats spooled file data to overlay locations

Browse and select iSeries printer files

Fully graphical design window (drag and drop)

Format with fonts, bar codes, page segments, circles, boxes, color .....

# Infoprint Designer Schematic



# Infoprint Designer for iSeries - additional details (I)

## An iSeries Program Product.....

### 5733ID1



- May be used at v4r5 and later
- No additional pre-reqs

If resulting AFP resources will be sent to an IPDS printer....

PSF/400 will be required

If resulting AFP resources will be sent to an ASCII printer....

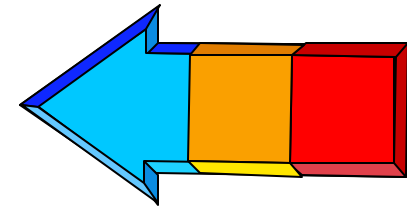
PSF/400 will not be required

Host Print Transform converts AFPDS to PCL

- Includes IBM Font Collection (on the PC)  
Designer can send required fonts and code pages to iSeries
- Instruction Manual: "*Getting Started*", G544-5773  
Contains detailed instructions and examples

# Infoprint Designer for iSeries - additional details (II)

All work is performed on a PC.....



The iSeries is used to:

- Produce sample spooled files for mapping
- Control product usage with a software key

Designed for a single user only

(Multiple users may have access, but only one at a time)

(Five minute lock-out time-out if disconnected from iSeries)

RPQ for multiple users at the same time

Charge per additional license (dongle)

- Receive completed AFP resources

AFP resource objects may be used on any system

Source files may be used only for iSeries projects

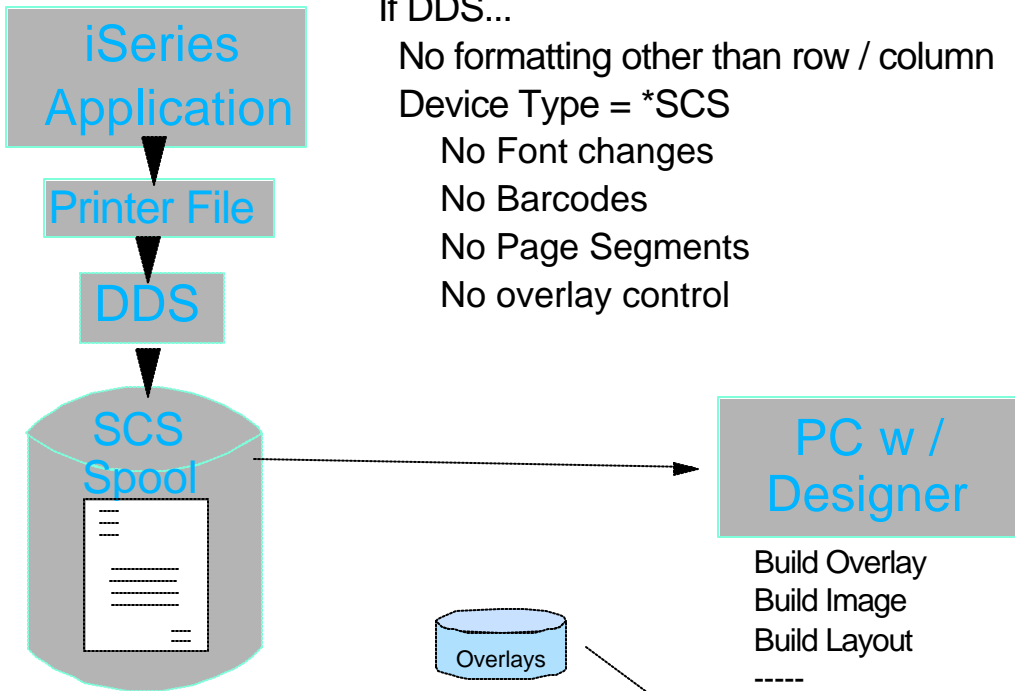
# What comes with the Infoprint Designer ?

*Everything you need to demonstrate and practice*

- **Sample Page Segments**  
In Folders: **PSEG240, PSEG300, PSEG600**
- **Sample Overlays**  
In Folders: **OVL240, OVL300, OVL600**
- **Sample Projects** (See Appendix A of "Getting Started")  
In folder **PROJECT**
- **Sample Data**  
In Folder **DATA**
- **Sample Images**  
In Folder **TIFF**

# Designer Basic Print Flow

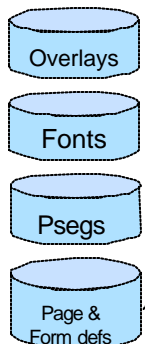
If DDS...  
 No formatting other than row / column  
 Device Type = \*SCS  
 No Font changes  
 No Barcodes  
 No Page Segments  
 No overlay control



iSeries Application

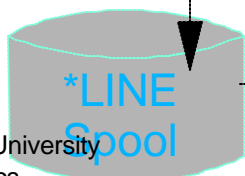
Printer File Changes

Device Type = \*LINE  
 Page Def = (from designer)  
 Form Def = (from designer)  
 Duplex = \*FORMDF  
 Drawer = \*FORMDF

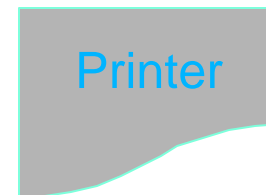


If printer is NOT IPDS...

Must change the spooled file to \*AFPDS  
 (for Host Print Transform or Viewer)  
 Use CRTPRDTA command  
 or Use CVTLINDTA in printer file



Writer applies:  
 Overlays,  
 Page Segments,  
 Fonts



# Font Identification for the Infoprint Designer

All Designer Editors use only downloaded fonts.

4-character coded fonts are used

It is best to download fonts from PC

iSeries normally has only 8-character coded fonts

4-character coded fonts available in the Font Collection

Library CF4LA1 for rasters

Library CO4LA1 for outlines

First font defined and used becomes default font

Plan ahead and use the most popular font first.



# iSeries Infoprint Designer



# Infoprint Designer for iSeries

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Text entry options with image

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UNDO / REDO

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## Layout Editor

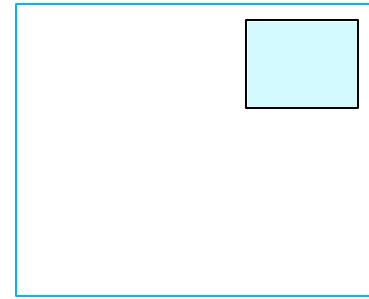
Maps spooled file data to overlay locations and formats

Browse and select iSeries printer files

Fully graphical design window (drag and drop)

Format with fonts, bar codes, page segments.....

# Image Editor - Infoprint Designer



## "Navigation Window"

Shows where you are in relation to the complete image.

## Always check size and resolution of image

Specify "Units" or "Inches"

Resolution 240 or 300 (iSeries cannot use 600)

## Use "Thumbnails" to preview images

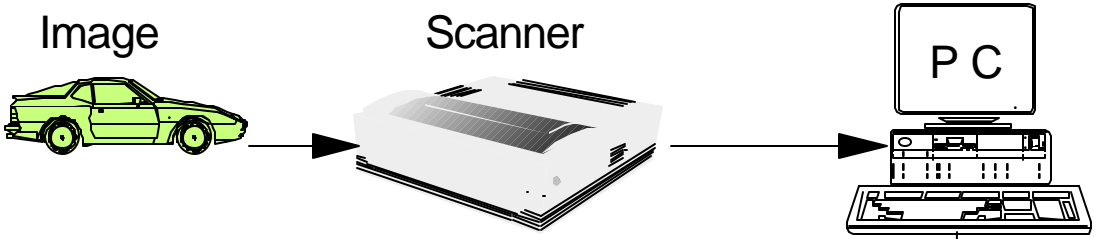
Activate from upper tool bar

## Fonts are structured like overlay fonts

This was new in release 1.05

**Infoprint Designer**

**Image Editor**



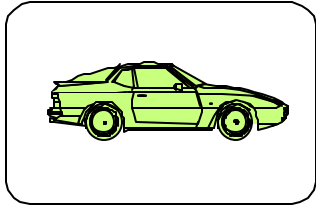
**Building Page Segments**

- Car.TIF
- Car.BMP
- Car.JPEG
- Car.GIF

IP Image Editor  
*Create AFP PagSeg*

IP Designer  
*Create Overlay*  
*Use new PagSeg in Overlay*  
*Export (project) to AS/400*

Overlay and PagSeg  
sent as individual resources



# iSeries Infoprint Designer



# Infoprint Designer for iSeries

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# Starting the Infoprint Designer

## Check the code level

In the top tool bar "Help"

"About..."

***Current version is 1.11***

"OK"

## Start a new project or Open an existing one

In the top tool bar "File"

If New project, "New..."

Change "UNTITL" to new project name

Check default library

***"raster.lbp" to use raster fonts***

***"default.lbp" to use outline fonts***

If Existing project, "Open.."

Double left click on project name

# An Infoprint Designer "Project" .....

## Name must start with an alphabetic character

This is an iSeries requirement. It is not checked by the Designer.  
(Failure to follow this rule guarantees problems ahead.)

## Contains all project resources

Overlay(s)

Page Segment(s)

Fonts

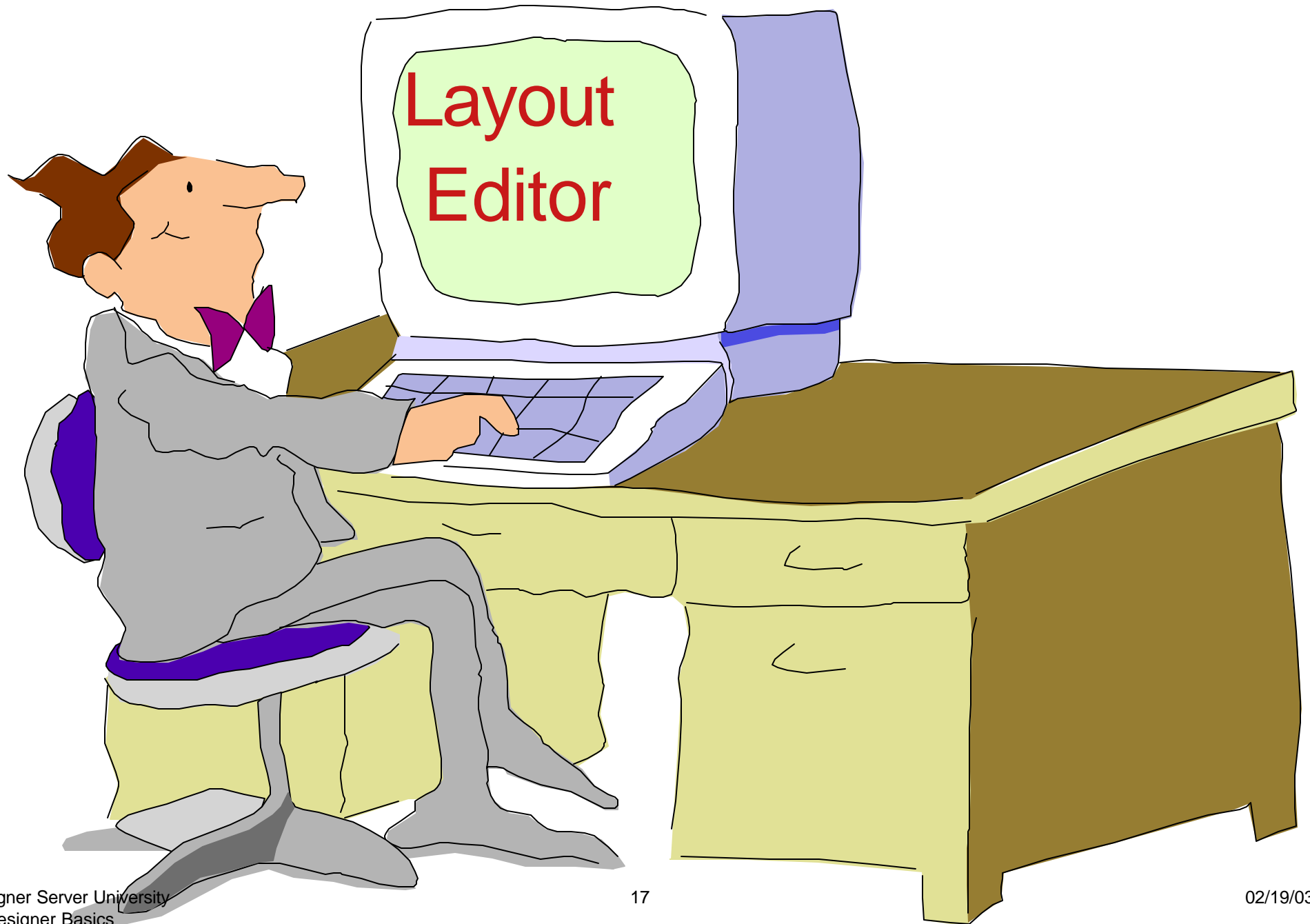
(It is a good rule to download ALL resources to the iSeries)

## Uses only downloaded Fonts

Printer-resident fonts cannot be specified



# iSeries Infoprint Designer



# Infoprint Designer for iSeries

## Image Editor

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Use a scanned image as a design template

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## Layout Editor

Maps spooled file data to overlay locations and formats

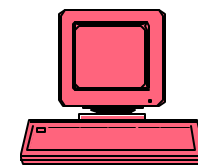
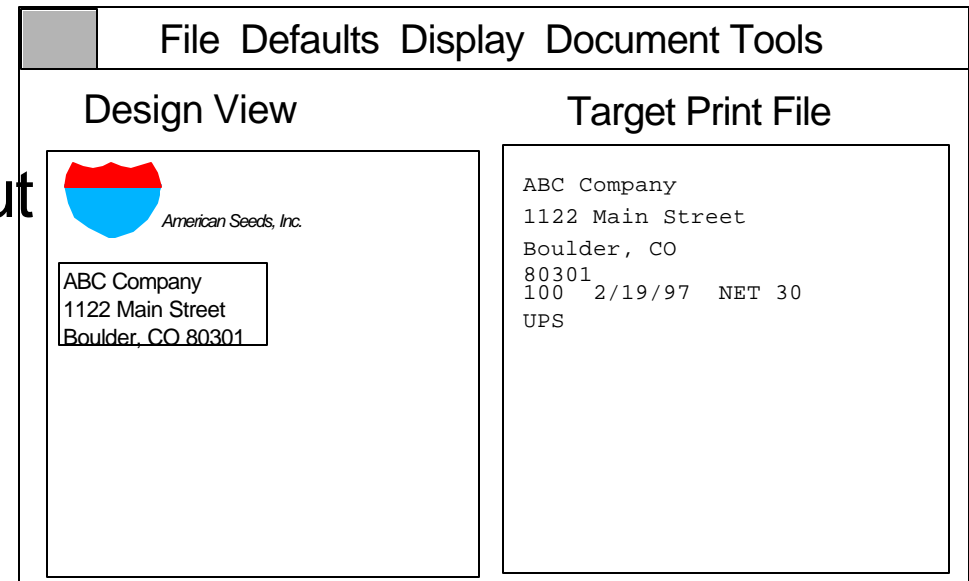
Browse and select iSeries printer files

Fully graphical design window (drag and drop)

Format with fonts, bar codes, page segments.....

# Layout Editor Infoprint Designer for iSeries

- Place data standalone or within a box, including optional word-wrap feature
- Full conditional processing support means that page layout decisions can be made based on application data
- Full implementation of iSeries-AS/400 page layout architecture
  - ▶ Page and form definition objects
- Integrates fully into iSeries-AS/400 printing and e-output architecture





# Final Product

Layout Editor  
Infoprint Designer  
for iSeries

## Page Segments

From Image Editor

## Overlay

From Overlay Editor

## Mapped Spool Data

From Layout Editor

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Sold To: **IMPROVED PRINTING CORP**  
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Ship Via: BEST WAY Shipped Date: 3/26/01 Terms: NET 30 Salesman: YOUR PRINTER REP

QTY	UOM	ITEM #	DESCRIPTION	PRICE	EXTENSION
1	CT	00000300	HIGH ALTITUDE WATERMELON	1.01	1.01
1	PK	01100517	SPARTAN SEEDS	2.39	2.39
9	PK	04569870	NORTHERN LITE BLUE SPRUCE	858.32	7,724.88
12	BX	11005004	BUSH GREEN SEEDS	2.50	30.00
12	CT	11005011	LASSO RED SEEDS	892.23	10,706.76
26	PK	11005018	EARLY BANTAM SEEDS	.38	9.88
5	BX	11057893	AFRICAN DAISY, SEEDS	2.35	11.75
1	PK	15975365	HEAVY OAK	129.09	129.09
33	BX	32746510	HOPS BREWING LIGHT	1.20	39.60
6	EA	46578913	SEED SURVEYING SITE	50.00	300.00
2	BX	56413213	POT POT	7.65	15.30
80	PK	65412384	SEED SCRUBBER	888.79	71,103.20
1	PK	84512023	OREGON SPRING TOMATO SEED	.97	.97
2	DZ	96325874	PINEAPPLE-ORANGE SEEDS	1.29	2.58
11	BX	98412006	BLACK BEAUTY ZUCCHINI	2.30	25.30
5	EA	98546320	FROZEN JUICE PROCESSOR	109.90	549.50

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400 CPU Parkway  
Vegetation, NJ 55090

Page 1

# CVTLINDTA - Convert Line Data

## Create Printer File (CRTPRTF)

Type choices, press Enter.

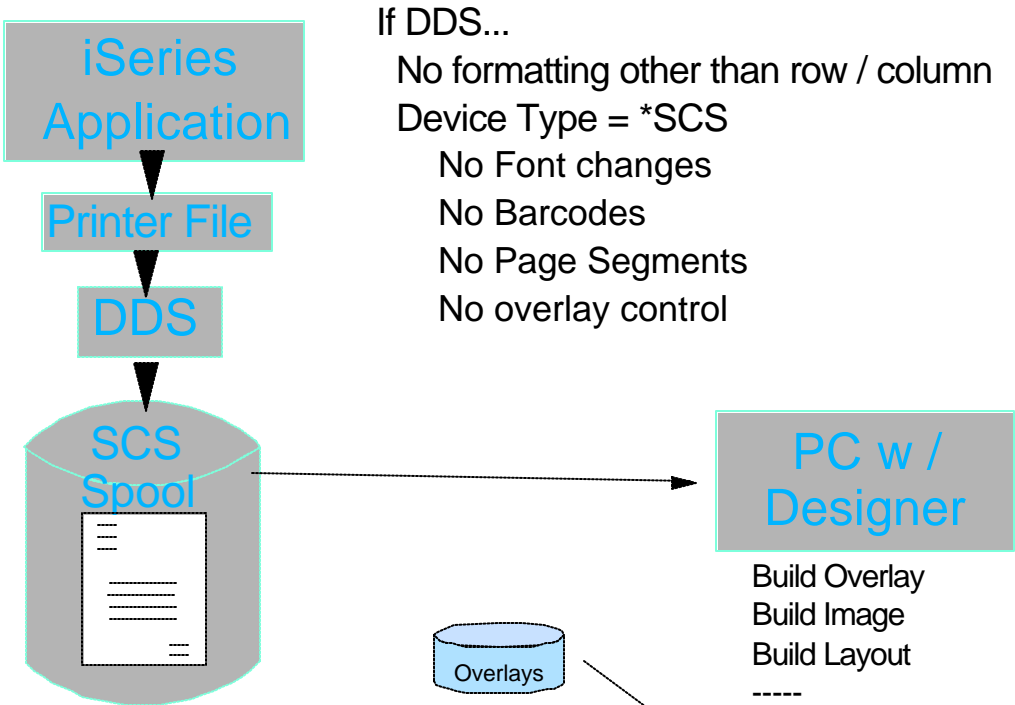
### Back side overlay:

Overlay . . . . .	*FRONTOVL	Name, *FRONTOVL, *NONE
Library . . . . .		Name, *LIBL, *CURLIB
Offset down . . . . .		0- 57. 790
Offset across . . . . .		0- 57. 790
Constant back . . . . .		*NOCONSTANT, *CONSTANT
Convert line data . . . . .	*NO	*NO, *YES
IPDS pass through . . . . .	*DEV D	*DEV D, *NO, *YES
User resource library list . . .	*DEV D	Name, *DEV D, *NONE. . .
+ for more values		
Corner staple . . . . .	*NONE	*NONE, *BOTRIGHT. . .

More. . .

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

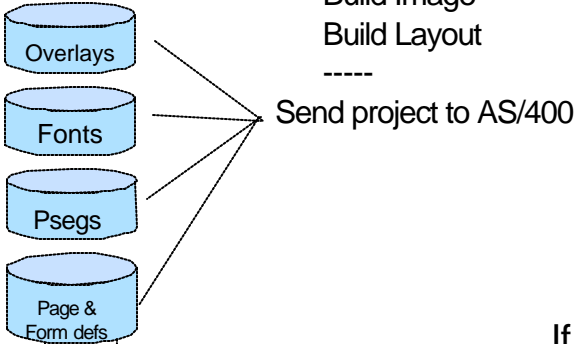
# Designer Basic Print Flow



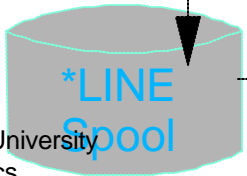
If DDS...  
 No formatting other than row / column  
 Device Type = \*SCS  
 No Font changes  
 No Barcodes  
 No Page Segments  
 No overlay control

**iSeries Application**

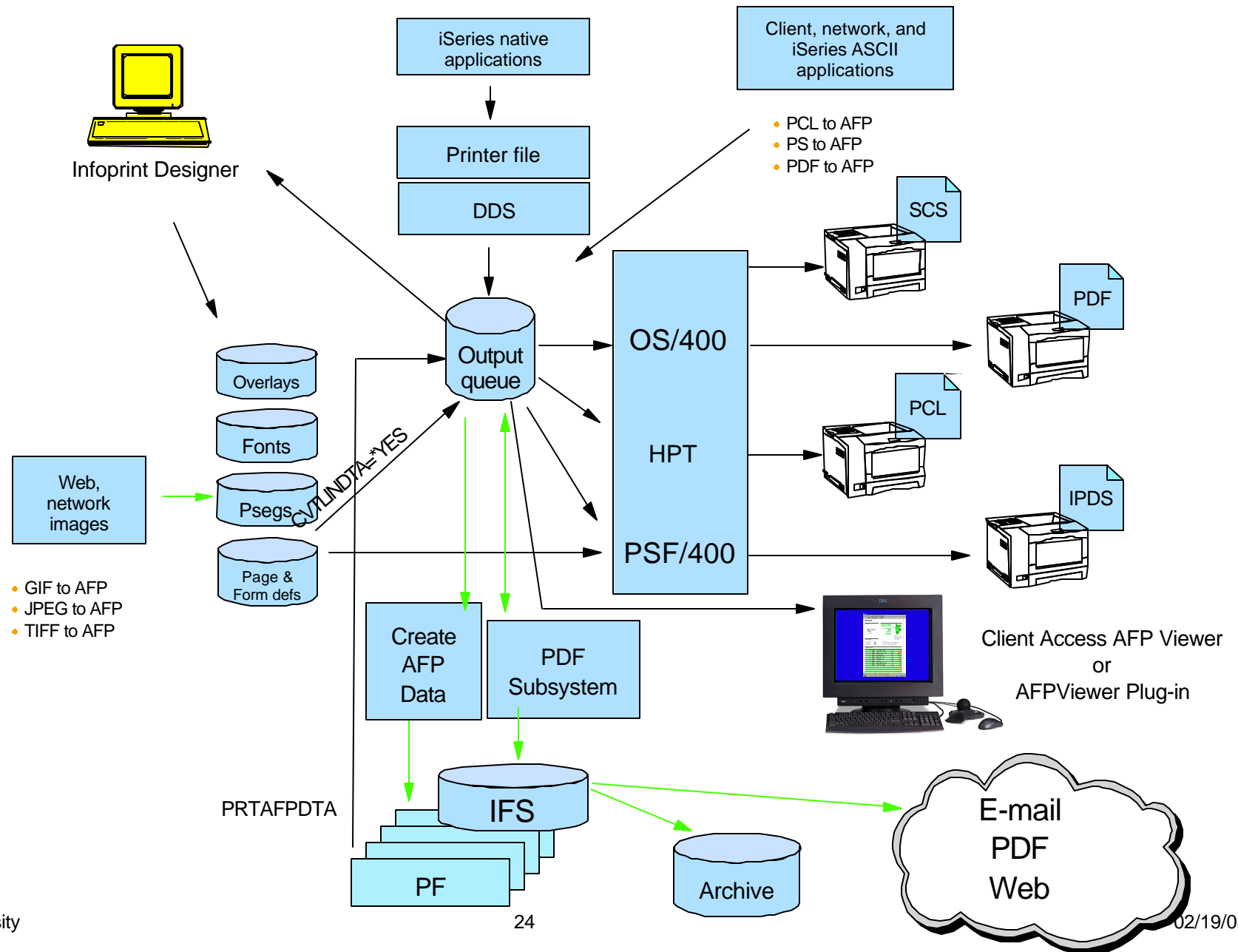
Printer File Changes  
 Device Type = \*LINE  
 Page Def = (from designer)  
 Form Def = (from designer)  
 Duplex = \*FORMDF  
 Drawer = \*FORMDF



If printer is NOT IPDS...  
 Must change the spooled file to \*AFPDS  
 (for Host Print Transform or Viewer)  
 Use CRTPRDTA command  
 or Use CVTLINDTA in printer file



# iSeries Output Architecture





# Infoprint Designer Tips

- Be consistent - RASTER.lbp vs DEFAULT.lbp
- To Prefix or not to prefix (S1, O1, P1, F1)
- Object libraries
  - ▶ Where is my PSEG hiding?
- Save often
- Review "Preferences" panels
- ALT-n (where n is a number) to zoom in/out
- Set Default fonts in Layout mode

# Libraries Dialogue

