

# REPORT DESIGNER

Version 2 Release 4 Modification 0  
Enhancement Summary  
Program Number 2A55-RDA

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**Thirteenth Edition (March 2001)**

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## INSTALLATION INSTRUCTIONS

### Restoring the new release

Read the Enhancement Summary to determine if any changes affect your installation.

To install Ver 2 Rel 4 Mod 0, sign on as the security officer, insert the distribution media in the appropriate device and run the Restore Licensed Program (RSTLICPGM) command:

! For CDROM, if you are restoring to OS/400 V4R1M0 or later run:

```
RSTLICPGM LICPGM(2A55RDA) DEV(device-name)
```

! For CDROM, if you are restoring to an OS/400 release before V4R1M0 run:

```
RSTOBJ OBJ(RDASAVF) SAVLIB(QGPL) DEV(device-name) ALWOBJDIF(*ALL)
RSTLICPGM LICPGM(2A55RDA) DEV(device-name) FRCOBJCVN(*NO)
```

! For TAPE, if you are restoring to OS/400 V4R1M0 or later run:

```
RSTLICPGM LICPGM(2A55RDA) DEV(device-name) SEQNBR(3)
```

! For TAPE, if you are restoring to an OS/400 release before V4R1M0 run (if you are restoring to V3R2M0 omit the FRCOBJCVN(\*NO) parameter):

```
RSTLICPGM LICPGM(2A55RDA) DEV(device-name) SEQNBR(5)
FRCOBJCVN(*NO)
```

Where "device-name" is the device the media was mounted on and is usually OPT01 for CDROM or TAP01 for tape.

**Note:** This can be a long running process. We recommend that you submit the command to batch.

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## ENHANCEMENTS FOR REPORT DESIGNER Ver 2 Rel 4 Mod 0

### What's In This Section

This section provides information on Report Designer enhancements for the current release, notes any customer code implications, and describes where to find more information when applicable.

### Authorization Algorithm Changes

The product's authorization algorithm has been updated. Permanent authorization codes are now release dependent. You will receive the correct permanent authorization code with each new release you receive. The changes affect your installation procedure and may affect disaster recovery plans.

The installation process preserves the authorization information found in the previous release of the software when a new release is installed. In the past, this meant that you did not have to re-enter your permanent authorization code. With this release and all subsequent releases you are required to enter the release specific authorization code after restoring the software.

If the new permanent authorization code is not entered after the software is restored, the algorithm will grant a 90 day release upgrade grace period based on your old authorization information.

If you have a disaster recovery plan, you may need to review it. While the hot site installation instructions specify that you can restore an otherwise authorized copy of the software to a back up machine, this was not enforced. It was possible to delete and reinstall the software from any distribution media and receive a new 30 day automatic authorization.

Now you must use an authorized copy when restoring to a back up machine in order to receive the an automatic 30 day authorization. The correct sequence of steps is as follows:

- 1 Install the software and enter the permanent authorization on your production machine.
- 2 Save the software from your production machine using the Save Licensed Program (SAVLICPGM) command. This creates an authorized copy, save it with your back ups.
- 3 When restoring to the back up machine you must first insure that any previous copies have been deleted. To delete a previous copy use the Delete Licensed Program (DLTLICPGM) command.
- 4 Restore the authorized copy to the back up machine using the Restore License Program (RSTLICPGM) command.
- 5 The back up machine will create an automatic authorization running for 30 days from the first time the software is used. This allows you install the authorized copy in advance of a disaster.

## **Print Report Information (PRTRPTINF) Command Added**

Print Report Information (PRTRPTINF) command has been added. Report Designer contains high level language parsers to convert RPG or DDS source code into Report Designer's internal representation of report definitions. The Print Report Information (PRTRPTINF) command provides a means to print the information from the internal representation in a batch job. PRTRPTINF command provides the following functions:

- ! Syntax check DDS or RPG printer file source code specifications.
- ! Generate a selected report based on the data found in the source code

There are currently two choices for reports. These are:

### **\*RCDLIST**

A list of records found in the report is printed. The list is in the order in which they appear in the source along with the text and keywords associated with each record.

### **\*FLDLIST**

A list of fields found in the report is printed. The list is in alphabetical order by field name and includes data associated with each field.

We will happily take suggestions for additional reports to add.

## **Record Format Last Change Date Corrected**

Report Designer was incorrectly determining the last change date for record formats. Dates before 2000/01/01 were considered to be larger than dates after 2000/01/01. Source change dates are now correctly interpreted.

## **Record Format Names Limited To 8 Positions**

When Report Designer processes RPG or RPG/ILE source code, it must invent record format names since these aren't inherent in RPG. When an EXCPT name is available, it is used as a base. Otherwise "HDR", "DTL", etc are used as a base. A sequence number is appended to the base to arrive at a name. These names are now limited to 8 characters in length to meet RPG's limitation when using DDS converted from RPG.

## **CHGRDAAUT Erroneous Validity Checking Program Removed**

Report Designer's Change RDA Authority (CHGRDAAUT) command was erroneously shipped specifying "RDION" as the validity checking program. CHGRDAAUT doesn't use a validity checking program and the specification was removed.

## **RTVGSIPTF Erroneous Command Processing Program Changed**

Report Designer's Retrieve Gumbo PTF (RTVGSIPTF) command was erroneously shipped specifying "RDCL800" as the command processing program. The command processing program name was corrected.

## **Conversion To DDS Corrections**

Report Designer's conversion to DDS no longer generates 'P' field data types. Additionally field length and decimal positions specifications are now omitted for data types L=date, T=time and Z=time stamp.