

REPORT DESIGNER

Enhancement Summary V2R9M0
Program Number 2A55RDA

Seventeenth Edition (March 2007)

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Installation Instructions

Restoring the new release

Read the Enhancement Summary to determine if any changes affect your installation. Follow these instructions to install Report Designer V2R9M0 on your iSeries Server:

Note: If you have downloaded this software from the web, instructions specific to installing from the download can be found in the file "readme.htm" which is included in the download.

1. Sign on to the system as the security officer (QSECOFR).
2. Verify that your machine is at i5/OS V5R3M0 or later by running:

```
DSPDTAARA DTAARA(QGPL/QSS1MRI)
```

Note: If you are running a version of i5/OS earlier than V5R3M0 you can not install Report Designer V2R9M0 on your machine. You must install an earlier version of Report Designer or upgrade the operating system.

3. Verify that user domain objects are allowed in the libraries RDA and QSRV, by running:

```
WRKSYSVAL SYSVAL(QALWUSRDMN)
```

Take option 5 to display the value. If the value is not *ALL, use option 2 to add libraries RDA and QSRV to the list of libraries where user domain objects are allowed.

4. Insure that i5/OS will be able to verify the signatures that we apply to our product's objects by installing our Signing Certificate and Root CA Certificate using Digital Certificate Manager. Alternately, insure that signature verification will not prevent the restore operation by running:

```
WRKSYSVAL SYSVAL(QVIFYOBRST)
```

Take option 5 to display the value. If the value is 3 or higher, use option 2 to temporarily change the value to 1.

5. Mount the distribution media in the appropriate device.
6. Submit the Restore Licensed Program (RSTLICPGM) command to batch:

```
RSTLICPGM LICPGM(2A55RDA) DEV(device-name) LNG(2924)
```

Note: "device-name" is the device the media was mounted on and is usually OPT01.

Note: You may receive message CPA3DE4 "Directory not registered. (C G)" (three times). If so, take option "G".

7. Enter your permanent authorization code.
8. Determine which PTFs were included on the media by entering the following command:

```
DSPPTF LICPGM(2A55RDA)
```

9. Visit www.gumbo.com to determine if newer PTFs are available.

Enhancements For Report Designer V2R9M0

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.

Product Integrity Enhancements

Objects and the save files that contain them are digitally signed by Gumbo when they are created on our development system. You can verify that their contents have not been altered or corrupted since they were produced. You do this by first importing the our root certificate authority (CA) and object signing certificates to your system and then running the Check Object Integrity (CHKOBJITG) command against them. For detailed instruction on importing certificates for signature verification using the CHKOBJITG command, see IBM's manual "Digital Certificate Manager RZAH-U000".

Note: We uniquely name our digital certificates to simplify their management on your system. If you have previously imported digital certificates from us with the same name as those included in this package, you do not need to repeat this step.

Certificates can be found in downloads that contain save files as well as in the product's /doc directory after it is installed.

RPG/IV Parser Can't Find Printer File

An uninitialized variable in the RPG/IV source code parser caused printer file to be missed occasionally.

RPGIII Parser Can't Find Printer File

An uninitialized variable in the RPGIII source code parser caused printer file to be missed occasionally.

DDS Signature Comment Duplicated

RDA's DDS source generator produces signature comments (' A*---') at the end of logical print lines. If the last field of the logical line contained data in position 1-5, this data was copied into the signature comment rendering it unrecognizable to the DDS parser resulting in duplication of the comment each time the source member was edited.

RPG/IV Bypass /FREE Code

The RPG/IV source code parser was ignoring the /FREE directive and parsing the free format code as if it was fixed format causing occasional errors and failures.

RPG/IV Occasional Data Decimal Errors

Uninitialized variables in the RPG/IV source code parser caused data decimal errors intermittently.

RPG/IV Implement QUALIFIED DS Keyword

Implemented data structure QUALIFIED keyword. Data structure name qualified subfield references are now correctly handled.

CHKRDAAUT Command Added

Check Report Designer Authorization (CHKRDAAUT) command added. The command exercises the product's authorization verification function. This allows you to determine whether the product is authorized for use. If the product is not permanently authorized, the generated messages allow you to determine when the temporary authorization will expire. You may specify a message queue to receive messages generated when the product is not permanently authorized.