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DAL for AS/400: Installation Process

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TOPIC -----

This article describes the DAL for AS/400 server and SNA•ps Gateway installation process. It also provides references to the installation guide.

DISCUSSION -----

The DAL Server installation procedure is described in detail in the Data Access Language Server for AS/400 Installation Guide. The highlights of the process include:

- 1) Log on as the QSECOFR or a user profile with *SECADM and *ALLOBJ authority.
- 2) Restore the DAL distribution library from the 1/2-inch 9-track tape or the 1/4-inch cartridge tape. The default library on the AS/400 is DALLIB. Optionally, restore the DAL demonstration database.
- 3) Review the README files in the DALLIB for any installation updates.
- 4) Prepare to run the DALINST command by verifying that the IBM-supplied library, QSYS2, is in the system part of the library list. Library QSYS2 is necessary for the proper execution of the DALINST command.
- 5) Run the DALINST command. A large variety of tasks are performed, which are essential to the successful operation of the DAL Server.
- 6) Review and modify the DAL environment file, DALENV, which is in the DALLIB. This file specifies and limits the output of the DAL SQL extension commands DESCRIBE DATABASES and DESCRIBE TABLES.

- 7) Review, and modify if needed, the DAL procedures file.
- 8) Refer to chapter 3 in the Installation Guide for the procedures to verify the installation of the DAL Server. Log on with any User ID and run Interactive DAL (IDAL400). IDAL400 is a diagnostic utility that allows for testing interactively, on a midrange terminal, the operation of the DAL Server. The testing is done by verifying access to databases, the demonstration database supplied on the DAL installation tape.

SNA•ps Gateway Configuration

DAL Server for the AS/400 uses APPC communications connections between the AS/400 and the Macintosh computers. The Macintosh connection is done through a SNA•ps APPC gateway running on a Macintosh II or Quadra class system equipped with an Apple Token Ring 4/16 NB Card or an Apple Serial NB Card supporting SDLC protocols. The details on how to configure the AS/400 and the SNA•ps gateway are explained in detail in Appendix E of the DAL Server for AS/400 Installation Guide.

Appendix E carefully leads the person performing this part of the installation through the details of the AS/400 configuration for the Line, Controller, Device, and Mode. Both Token Ring and SDLC configurations are shown. As the AS/400 configuration is progressing, the key entries made on the AS/400 screens can be entered on worksheets included in the DAL Installation Guide. The worksheets can then be used as a reference for the information required in the SNA•ps APPC gateway configuration process.

Further details on how to configure and control SNA•ps gateways is included in the SNA•ps Administrator's Guide.

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