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SNA•ps 3287 1.1.1 Release Notes (2/93)

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TOPIC -----

This article describes the release notes of SNA•ps 3287 1.1.1.

DISCUSSION -----

Fixed in This Release (v1.1.1)

- Text file output now properly converts unwanted control codes in the data stream into characters that are handled properly by text editors.
- A problem handling end-of-bracket markers during output to text file was fixed. The original symptom was a failure to append subsequent data to the text file.
- A typo in the OpenSession code that prevented use of translation tables other than US English was fixed.
- The interface to the Macintosh Printing Manager was reworked to look more like a "normal" Macintosh application: the entire print job is now printed modally, with background printer spoolers such as PrintMonitor providing optimal response time. Previously, the connection to the Printing Manager was established as soon as the session had data to print, and not closed until the print job timed out (a potentially long interval); during this interval the user could muck around with the machine except on direct-connect printers: mucking around is OK on the current LaserWriter driver and is deadly on the current ImageWriter driver. The change in 1.1.1 is to wait until the job times out, and then open the Printing Manager connection, print the entire job, and close the connection. This eliminates the ability to muck around (which may not be safe on future or other network-connected printer drivers) and eliminates the long interval during which the Printing Manager connection was kept open on direct-connect printers even if they supported print spooling.
- Because of the changed interface to the Printing Manager, the default timeout setting was changed to include a 200-page timeout limit. This is because at the default memory size of 512K, we can guarantee having enough memory to accumulate and then print 200 pages without running out

of memory, and the changed Printing Manager interface means that we accumulate data until an entire job has arrived (as opposed to printing each page as it arrives). Otherwise, if print jobs arrive without the default timeout gap of 30 seconds, we would eventually run out of memory and stop receiving -- and thus never print the job until the user intervened and customized the timeout settings. The new default setting simply guarantees that SNA•ps 3287 can be installed and used without fine-tuning the timeout settings even if print jobs arrive continuously.

Known Problem Areas

- Printing on the LaserWriter driver with background printing turned off (and therefore under System 6.x with MultiFinder turned off) does not work.

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