

SYSTEM SOFTWARE
BULLETIN NO. 38
MAY 23, 1983

TO: Distribution
SUBJECT: Gdt and upgdt test and release

Gdt, a graphics design tool for the Aquarius, and upgdt, a program to upload pictures created via gdt, have been tested and installed on Vax1 (barbie) and Vax2 (ken).

Documentation is online in /usr/man/man1 and can be read via the 'man' command. There is a GDT User's Guide in /usr/doc/gdt.guide. A formatted copy can be gotten by typing: nroff -ms /usr/doc/gdt.guide > filename.

A copy of the test report is attached.

Programmer: Chan Min
Tested by: Ray Roux

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TEST REPORT

Program: Graphics Design Tool for the Aquarius consisting of
gdt and upgdt

Documents: Gdt and upgdt manual pages, GDT User Guide.

Author: Chan Min

Report by: Ray Roux

Date Received: 5/3/83

Date Released: 5/5/83

Findings:

GDT's basic functions were all tested and checked out OK. I then proceeded to test the functions using extreme and/or invalid data. A list of the problems and their deposition follows.

1. Picture names with spaces and/or special characters was allowed by gdt and upgdt, but the parser complained when the pictures were to be downloaded.

Fixed. Names are limited to alpha-numerics only.

2. Making a picture of 32000 X 32000 crashed the program.

Fixed. Picture size limited to maximum size of 127 X 127.

3. Copying a picture when there was not enough cards crashed the system.

Fixed. Copies not allowed if not enough cards.

4. Joining a picture to itself crashes the program.

Fixed. The join command is ignored if it points same picture.

5. If upgdt is called with a picture that dosen't exist there is no complaint.

Fixed. Upgdt now complains when picture is not found.

6. If a.up is not writable an erroneous error message is printed.

Fixed. The correct error message is printed.

7. If a picture is created with one dimension as 1, 2 or 3 and the other dimension is greater than 127 the message "no picture there" appears even if the pen is on the picture.

Fixed. Pictures cannot be larger than 127.

8. If an animation sequence number is two (or more) digits the sequence could be wrong (e.g. .1 .10 .11 .2 .3).

Fixed. Sequence numbers can only be 1 alpha-numeric character.

9. When all the cards are used it allows you create endless numbers of 1 card pictures.

Fixed. The maximum number of cards is now really 1499.

10. Splitting a picture to the left or above a previous split wipes out previous split boundry, but picture is still valid.

Not a problem, everything is ok. Reported in user guide.

11. Upgdt substitutes a '_' for a '.' in a picture name, gdt fails to reconvert the '_' back to a '.'.

Fixed. Typo in the code.

12. Gdt sporadically fails to display pictures correctly that have just been downloaded.

Fixed. An initialization timing problem resolved.

13. The 'flood' and 'replace' commands are destructive and can easily wipe out a picture.

Fixed. They now require a second input of 'yes' to work.