Pulling Single PTF from Install or PTF Tape

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About this Document

This document describes how to pull a single PTF from an install or PTF tape and put the PTF file in a directory on the system. This document applies to AIX 3.2.* and 4.1

Steps

1. Get the toc (table of contents) from the tape with the following commands.

   Notes:

   a. On any install/ptf tape, the toc image is the third file image. Therefore, the "fskip=2" parameter of the dd command should be correct for whatever tape you have.

   b. Always use the 512 block size in the commands below, even on 8 mm and 4 mm tapes.

   c. The following commands will create a file called "toc" in the current directory.

   ```
   chdev -l rmt# -a block_size=512
   tctl -f /dev/rmt# rewind
   dd if=/dev/rmt#.1 of=toc ibs=512 fskip=2
   ```

2. Search the "toc" file for the PTF which you wish to copy to disk.

   Example of part of the "toc" file for AIX 3.2:

   ```
   01:006 3 R S {
   bos.obj 03.02.0000.0000.U423981 01 N B En_US Device Drivers
   [
   *prereq bos.obj p=U422458
   *prereq bos.obj p=U422467
   *prereq bos.obj p=U422437
   %
   ```

In the above example, the line "01:006 3 R S {" tells us that the information that follows it is the sixth file image on the first volume of the SPO tape.

Example of part of the "toc" file for AIX 4.1:

```
001:00006:00031744 4 R S bos.obj {
bos.obj 4.1.2.0 01 N U En_US Device Drivers
[
*prereq bos.obj 4.1.1.0
%
```

3. Extract the PTF from the tape with the following commands.

   Note: If the PTF were the sixth image as in the example above, the fskip command below would be "fskip=5".

   ```
   chdev -l rmt0 -a block_size=512
   tctl -f /dev/rmt# rewind
   dd if=/dev/rmt#.1 of=<PTF name> ibs=512 conv=sync fskip=<image-1>
   cd <directory where the PTF is located>
   /usr/sbin/inutoc .
   ```

   Note: The inutoc command will force the .toc file to be created in the directory where the PTF install image was copied.

You should now be able to use SMIT to install the PTF on your system. In the field "INPUT device / directory for software", enter the directory where the PTF install image is located.

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