

Picture Perfect 2.0/4.0 System Backups - Bob Sherman

Backup of the Picture Perfect System can be done several different ways.

Method 1: Is to use the **Control > Backup** from the Picture Perfect menu. (See the Picture Perfect Administration Guide for further reference.)

When doing backups, you should put only **base** and **badge** on one tape/file, **Histories** on another tape/file, and photo **images** on another tape/file.

If you put them all on only one tape together,

You will Not be able to restore just one type when needed.

You should also **make multiple copies** in case a tape goes bad after being made.

Method 2: Is to use the **# cba** line command. You must be root to use this command.

cba -c -b -t -v -base -badge <press enter>

option meaning:

- c is character mode
- b is backup
- t is backup to a tape unit
- v is to verify data was written successful

- badge is the badgetable / history
- base is the basic database

Other Options:

-a = archive	-history = all history tables
-d = backup to disk	-image = badge photo data
-f = backup to floppy	-graph = alarm graphics data
	-tour = guard Tours data
	-alarm = alarm history
	-oper = operator history

Use cbr to restore all files that were saved using cba

```
# cbr -c -a -f
# cbr -c -a -t
# cbr -c -a -d <filename>
```

Option Meaning:

- c is character mode
- a is all files
- f restore from floppy disk
- t restore from tape unit
- d restore from a disk file

Method 3: Use the **diskfile** option of **Control > Backup** and create separate diskfiles for **base, badge, histories, images, and interface packages** as needed.

Once the files are created, use the Unix **#tar** commands to write multiple files to a tape or transfer them to another system for archive. You can later retrieve single files from a tar format tape as needed, and restore them to a rebuild AIX System, prior to Loading Picture Perfect softwares.

```
#cba -c -v -b -base -badge -d /dbbackup/basebadge081505
```

```
#cba -c -v -b -hist -d /dbbackup/histories081505
```

```
#cba -c -v -b -base -image -d /dbbackup/images081505
```

* These created files can then be copied to tape or to another system for archive

```
#tar -cvf /dev/pptape <filename/s> - to copy the files to tape
```

or name the files ie.. basebadge081505, histories081505, and images081505.

You could then use the tar command as follows:

```
#tar -cvf /dev/pptape *081505 - It will then copy all files ending in 081502 to tape.
```

```
#tar -tvf /dev/pptape - Use this to list/verify a tape after it is created.
```

```
#tar -xvf /dev/pptape <filename> - to restore from tape a file to the current working directory.
```

If you have a large amount of disk space, you can make a backup directory that will contain just backups. You can add to this directory and tape the whole directory off, which may contain multiple versions/ dates of backups.

```
#tar -cvf /dev/pptape /dbbackup/* - will backup all files in the directory to the tape.
```