

Semper 6 Command Reference

save

keys:	[from]	<number>	source picture
		<n1>,<n2>	range of source pictures
	name	'<text>'	name of file to be created
	device	<number>	new device number
	size	<number>	size of disc file in kilobytes
	slots	<number>	number of directory slots
options:	deassign		deassign file on exit
	renumber		renumber output pictures from 1 upwards
	verify		verify assignment, picture copy and deassignment at the console

Use **save** to dump copies of pictures to newly created disc files for backup or archive purposes. You can recover the pictures using the commands **assign**, **examine** and **copy**.

Examples

```
save 20 name 'paper.figs'
```

This command saves a copy of picture 20 in a file called *paper.figs*.

```
save 1,999 name 'diffgrams' nodeassign  
examine device n  
deassign device n
```

The example copies all existing pictures in the current device *cd* into the file *diffgrams.dsk*, listing details on the console before deassigning.

Description

save combines the facilities of the commands **assign new**, **copy** and **deassign** providing a convenient way to save or collate pictures into picture discs. In its simplest form, the **save** command carries out the following sequence of operations:

It searches for any pictures that exist in the range of picture numbers specified with the **from** key. Note that the range must lie entirely within a single picture device. By default, the current picture is saved.

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It creates a new picture disc file with overall file size and directory size just large enough to accommodate the number of pictures to be saved. The file name is specified with the **name** key and the default extension for the file name is '.dsk'.

All the specified pictures are copied to the new picture disc with the same picture number and exactly the same information (except that all write-protect flags are turned off).

The new picture disc is deassigned.

The **renumber** and **nodeassign** options and the **device**, **size** and **slots** keys may be used to alter the **save** command's default behaviour.

If the **renumber** option is set, the pictures are numbered from 1 upwards instead of retaining their original picture numbers.

If the **nodeassign** option is given, the new picture disc is left assigned for further use during the current session and the device number is returned in the Semper variable *n*. You can specify a device number for the picture disc with the **device** key, otherwise, the **save** command assigns the lowest free device number.

With the **size** and **slots** keys you can cause the **save** command to assign the new picture disc with a larger file size and directory size. A size which is smaller than the minimum required to save the specified pictures will be faulted (the error message will state what is the minimum requirement). If the **size** key is set, the **save** command performs exactly the same function as the **assign new** command. In this case, the default for the **slots** key is changed to be the maximum number of directory slots for a picture disc.

If the **verify** option is set, the **save** command verifies its operation on the console (device assign/deassign and source and destination picture numbers).

Notes

variables set: *n* (if **nodeassign**, device number assigned)
see also: **assign, copy, examine**

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Defaults and Ranges

keys/options	defaults	range
[from]	current picture, held in the variable <i>select</i>	valid picture numbers referring to the same device
name	none; prompts if interactive	valid filename
device	lowest free device number	integer in range 2 to system limits (type show system)
size	minimum size required to store output pictures	positive integer
slots	if size , 2002, otherwise, number of output pictures + 2	positive integer
deassign	deassign file	
renumber	pictures output with same number	
verify	verification off,	