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Windows 11 Help on 'SETLOCAL' command

C:\>HELP SETLOCAL

Begins localization of environment changes in a batch file. Environment changes made after SETLOCAL has been issued are local to the batch file. ENDLOCAL must be issued to restore the previous settings. When the end of a batch script is reached, an implied ENDLOCAL is executed for any outstanding SETLOCAL commands issued by that batch script.

SETLOCAL

If Command Extensions are enabled SETLOCAL changes as follows:

SETLOCAL batch command now accepts optional arguments:

ENABLEEXTENSIONS / DISABLEEXTENSIONS

enable or disable command processor extensions. These arguments takes precedence over the CMD /E:ON or /E:OFF switches. See CMD /? for details.

ENABLEDELAYEDEXPANSION / DISABLEDELAYEDEXPANSION

enable or disable delayed environment variable expansion. These arguments takes precedence over the CMD /V:ON or /V:OFF switches. See CMD /? for details.

These modifications last until the matching ENDLOCAL command, regardless of their setting prior to the SETLOCAL command.

The SETLOCAL command will set the ERRORLEVEL value if given an argument. It will be zero if one of the two valid arguments

is given and one otherwise. You can use this in batch scripts to determine if the extensions are available, using the following technique:

```
VERIFY OTHER 2>nul  
SETLOCAL ENABLEEXTENSIONS  
IF ERRORLEVEL 1 echo Unable to enable extensions
```

This works because on old versions of CMD.EXE, SETLOCAL does NOT set the ERRORLEVEL value. The VERIFY command with a bad argument initializes the ERRORLEVEL value to a non-zero value.