How to check disk drive storage space

Checks if free disk drive storage space is or will fall below critical level using class SysUtil.

```
static IMPORT_C TBool SysUtil::DiskSpaceBelowCriticalLevelL  (
  RFs * aFs,
  TInt aBytesToWrite,
  TInt aDrive
 )
```

Include header: sysutil.h Link against: sysutil.lib

aFs - File server session. Must be given if available, e.g. from EIKON environment. If NULL, this method will create a temporary session, which causes the method to consume more time and system resources.

aBytesToWrite - Number of bytes the caller is about to write to disk. If value 0 is given, this method checks if the current disk space is already below critical level.

aDrive - Identifies the disk drive to be checked. Numeric values for identifying disk drives are defined in TDriveNumber enumeration.

Example:

```
TInt dataSize = 500;
if ( SysUtil::DiskSpaceBelowCriticalLevelL( &iFsSession, dataSize, EDriveC ) )
     {
     // Can not write the data, there's not enough free space on disk.
     ...
     }
else
     {
     // It's ok to actually write the data.
     ...
     }
```

Warning Note that this method, and all methods in SysUtil return -46 (KErrPermissionDenied) on some firmware versions of the Nokia N80 (see Archived:SysUtil API does not work in Nokia N80 (Known Issue) for more).

Internal Links:

- How to check free space on memory card
- How to check if device has memory card or not

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