Linux Filesystems API summary

This section contains API-level documentation, mostly taken from the source code itself.

The Linux VFS

The Filesystem types

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\filesystems\[linux-master][Documentation][filesystems]api-summary.rst, line 14)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: include/linux/fs.h
   :internal:
```

The Directory Cache

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\filesystems\[linux-master][Documentation][filesystems]api-summary.rst, line 20)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: fs/dcache.c
   :export:
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\filesystems\[linux-master][Documentation][filesystems]api-summary.rst, line 23)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: include/linux/dcache.h
   :internal:
```

Inode Handling

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\filesystems\[linux-master][Documentation][filesystems]api-summary.rst, line 29)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: fs/inode.c
   :export:
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\filesystems\[linux-master][Documentation][filesystems]api-summary.rst, line 32)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: fs/bad_inode.c
   :export:
```

Registration and Superblocks

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\filesystems\[linux-master][Documentation][filesystems]api-summary.rst, line 38)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: fs/super.c
   :export:
```

File Locks

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\filesystems\[linux-master][Documentation][filesystems]api-summary.rst, line 44)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: fs/locks.c
   :export:
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\filesystems\[linux-master][Documentation][filesystems]api-summary.rst, line 47)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: fs/locks.c
   :internal:
```

Other Functions

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\filesystems\[linux-master][Documentation][filesystems]api-summary.rst, line 53)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: fs/mpage.c
   :export:
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\filesystems\[linux-master][Documentation][filesystems]api-summary.rst, line 56)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: fs/namei.c
   :export:
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\filesystems\[linux-master][Documentation][filesystems]api-summary.rst, line 59)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: fs/buffer.c
   :export:
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\filesystems\[linux-master][Documentation][filesystems]api-summary.rst, line 62)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: block/bio.c
   :export:
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\filesystems\[linux-master][Documentation][filesystems]api-summary.rst, line 65)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: fs/seq_file.c
   :export:
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\filesystems\[linux-master][Documentation][filesystems]api-summary.rst, line 68)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: fs/filesystems.c
   :export:
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\filesystems\[linux-master][Documentation][filesystems]api-summary.rst, line 71)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: fs/fs-writeback.c
   :export:
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\filesystems\[linux-master][Documentation][filesystems]api-summary.rst, line 74)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: fs/anon_inodes.c
   :export:
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\filesystems\[linux-master][Documentation][filesystems]api-summary.rst, line 77)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: fs/attr.c
   :export:
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\filesystems\[linux-master][Documentation][filesystems]api-summary.rst, line 80)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: fs/d_path.c
   :export:
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\filesystems\[linux-master][Documentation][filesystems]api-summary.rst, line 83)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: fs/dax.c
   :export:
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\filesystems\[linux-master][Documentation][filesystems]api-summary.rst, line 86)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: fs/libfs.c
   :export:
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\filesystems\[linux-master][Documentation][filesystems]api-summary.rst, line 89)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: fs/posix_acl.c
   :export:
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\filesystems\[linux-master][Documentation][filesystems]api-summary.rst, line 92)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: fs/stat.c
   :export:
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\filesystems\[linux-master][Documentation][filesystems]api-summary.rst, line 95)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: fs/sync.c
   :export:
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\filesystems\[linux-master][Documentation][filesystems]api-summary.rst, line 98)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: fs/xattr.c
   :export:
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\filesystems\[linux-master][Documentation][filesystems]api-summary.rst, line 101)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: fs/namespace.c
   :export:
```

The proc filesystem

sysctl interface

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\filesystems\[linux-master][Documentation][filesystems]api-summary.rst, line 110)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: kernel/sysctl.c
   :export:
```

proc filesystem interface

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\filesystems\[linux-master][Documentation][filesystems]api-summary.rst, line 116)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: fs/proc/base.c
   :internal:
```

Events based on file descriptors

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\filesystems\[linux-master][Documentation][filesystems]api-summary.rst, line 122)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: fs/eventfd.c
   :export:
```

eventpoll (epoll) interfaces

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\filesystems\[linux-master][Documentation][filesystems]api-summary.rst, line 128)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: fs/eventpoll.c
   :internal:
```

The Filesystem for Exporting Kernel Objects

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\filesystems\[linux-master][Documentation][filesystems]api-summary.rst, line 134)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: fs/sysfs/file.c
   :export:
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\filesystems\[linux-master][Documentation][filesystems]api-summary.rst, line 137)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: fs/sysfs/symlink.c
   :export:
```

The debugfs filesystem

debugfs interface

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\filesystems\[linux-master][Documentation][filesystems]api-summary.rst, line 146)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: fs/debugfs/inode.c
   :export:
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\filesystems\[linux-master][Documentation][filesystems]api-summary.rst, line 149)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: fs/debugfs/file.c
   :export:
```