**Exercise 15.1** Finding Out More About xfs

We do not have a detailed lab exercise you can do with **xfs**; many systems still will not have the kernel modules and relevant user utilities installed. However, if your **Linux** kernel and distribution does support it, you can easily create a filesystem with `mkfs -t xfs`.

Then you can find out about available **xfs**-related utilities with:

```
$ man -k xfs

attr (1)            - extended attributes on XFS filesystem objects
filesystems (5)     - Linux file-system types: minix, ext, ext2, ext3, ext4,...
fs (5)              - Linux file-system types: minix, ext, ext2, ext3, ext4,...
fsck.xfs (8)        - do nothing, successfully
fsfreeze (8)        - suspend access to a filesystem (Linux Ext3/4, ReiserFS...
mkfs.xfs (8)        - construct an XFS filesystem
pmdaxfs (1)         - XFS filesystem performance metrics domain agent (PMDA)
xfs (5)             - layout of the XFS filesystem
xfs_admin (8)       - change parameters of an XFS filesystem
xfs_bmap (8)        - print block mapping for an XFS file
xfs_copy (8)        - copy the contents of an XFS filesystem
xfs_db (8)          - debug an XFS filesystem
xfs_estimate (8)    - estimate the space that an XFS filesystem will take
xfs_freeze (8)      - suspend access to an XFS filesystem
xfs_fsr (8)         - filesystem reorganizer for XFS
xfs_growfs (8)      - expand an XFS filesystem
xfs_info (8)        - expand an XFS filesystem
xfs_io (8)          - debug the I/O path of an XFS filesystem
xfs_logprint (8)    - print the log of an XFS filesystem
xfs_mdrestore (8)   - restores an XFS metadump image to a filesystem image
xfs_metadump (8)    - copy XFS filesystem metadata to a file
xfs_mkfile (8)      - create an XFS file
xfs_ncheck (8)      - generate pathnames from i-numbers for XFS
xfs_quota (8)       - manage use of quota on XFS filesystems
xfs_repair (8)      - repair an XFS filesystem
xfs_rtcp (8)        - XFS realtime copy command
xfsdump (8)         - XFS filesystem incremental dump utility
xfsinvutil (8)      - xfsdump inventory database checking and pruning utility
xfsrestore (8)      - XFS filesystem incremental restore utility
xqmstats (8)        - Display XFS quota manager statistics from /proc
```

Read about these utility programs and see if you can play with them on the filesystem you created.