

Other File Systems

Be OS File System

- journal meta file information
- user-defined attributes

JFS: Journalled File System

- IBM journaled file system for Linux
- Small directory contents (up to 8 files) can be stored in directory inode.

Reiser File System

<http://www.namesys.com/>

- unified name space
- aggregation of small (and tail) file contents using binary trees for lookup.
- “dancing trees” for better space efficiency, v4
- compression
- plug-ins

XFS - Extended File System (IRIX)

- Silicon Graphics systems
- journal meta information
- 64-bit file system
- supports extended attributes allow user and system defined attributes with values up to 64K bytes in size
- lots of use of B-trees such as for directory lookups, location of free blocks
- very small files, such as symbolic links and some directories are stored as part of the inode.

WAFL – Write Anywhere File Layout)

from Network Appliance

Supports efficient file system snapshots.