

The Inode Structure

- Each file on the disk has a data structure called **index node** or **inode** associated with it.
- This structure stores metadata information about the file such as the type, file's permission, file's owner and group owner, timestamp information, file size and so on.
- **It actually contains all file information except the file contents and the name.**
- Each inode is uniquely identified by an integer number called inode number (`ls -li`).

