



Concepts Systems

The Center of Excellence

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| Project Title | Inside Linux through Windows |
| Registration Number | |
| Engineering College | |
| Project Members | |
| Project Guide | |
| Academic Year | |
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Synopsis

INSIDE LINUX THROUGH WINDOWS

Idea of the project: -

'Inside Linux' is a system-level interface or a gateway between Linux and Windows i.e. it's now possible for us to read the data stored in this variant of UNIX operating system which was not that popular earlier.

Filesystem is a computer memory component, which stores all the details of the saved data on a particular platform.

The actual complete idea is to create such an interface, which would be also able to write to the Linux partitions.

Current scope: - the current scenario of the project revolves in the domain of only reading the file system partitions of Linux.

Working of the project: -

The gateway works in three stages mainly viz

1.path verification: - this phase just checks whether the path provided by the operator is correct or not. Only on the condition of truth it proceeds further otherwise the path has to be re-entered if he wish to continue.

2.getting the sought after directory or file from the Linux partitions: - this phase gets the desired user data from the target location. This involves dealing with the filesystem partition of Linux.

3.displaying the data: - The data is brought to the windows partition first and then the data extracted from the Linux platform is displayed in user mode on its counterpart console on Windows.

Cases in which this interface is a boon: -

This concept of the project would be very useful to the people working in more than one operating systems one of which includes Linux, as it would now be possible for the users to read the files n directories saved on the Linux operating system environment of the hard disk.

This system would be very useful in the applications in which there is a frequent need to read the data from the Linux platform.