ext3Viewer - an ext3 filesystem low level viewer

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Abstract

The main goal of the ext3Viewer project is to give the user the possibility to explore the ext3 filesystem at a low-level.

The ext3 filesystem uses metadata to organize files and to preserve its integrity. This metadata is not accessible to the normal user.

ext3Viewer has been designed for computing science students who already know ext3. It enables them to access all the opaques structures of their partition, so they can have a better understanding of the physical storage of the data.

The ext3Viewer project idea came from Mr. Konstantin Verchinine; it could replace the e2view projet, used during the ASR lessons.