A tag based filesystem

Catalina Macalet, Eugen Hristev, Mihai Dinu, Sorin Dumitru

Politehnic University of Bucharest

Nov 11, 2010

- Determine if VFS implementation is feasible
- Data Organization
- Search methods
- Start coding

- Started work on the kernel module
  - Finished storage module
  - ... but it keeps all information in memory

- Module for testing
  - Can create and delete fake files
  - Add and delete tags on the files
  - Search by tags

- Working with the database
- Integration with VFS

- 5-12-2010 Finish kernel module with persistent storage
- 12-12-2010 Finish hook framework
- In parallel do userspace tools