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Metropolia University of Applied Sciences

Degree

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| --- | --- | --- |
| Author(s)  Title | | First name Last name  Title of the Thesis |
| Number of Pages  Date | | xx pages + x appendices  5 May 2010 |
| Degree | | Name of the degree |
| Degree Programme | | Name of the degree programme |
| Specialisation option | | Name of the specialisation option |
| Instructor(s) | | First name Last name, Title (for example: Project Manager)  First name Last name, Title (for example: Principal Lecturer) |
|  | | |
| Keywords |  | |

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Appendices

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Appendix 2. Title of the Appendix

# Reference

## turing machine ?

## Arrow Memory trends in semiconductor industry

## Micron memory market 2018 and beyond

Alexey Mylnikov

## Tuxera about

https://www.tuxera.com/products/

## permanent storage ?

https://learning.oreilly.com/library/view/advances-in-non-volatile/9780857098030/

## hierarchy concept of file system ?

## practical file system design

Dominic Giampaolo

## file system operations ?

## CD file system ISO 9660 ?

https://www.iso.org/standard/17505.html

## NTFS ?

## APFS introduced in High Sierra ?

## Ext4 ?

## Littlefs README ?

## MOSFET, floating-gate MOSFET, flash memory ?

## Fujio Masuoka invented flash memory ?

## Size of flash cell ?

## Market report for SLC, MLC and TLC NAND ?

## MOSFET operation (some physics book) ?

## Hard disk mechanical part ?

## Quantum tunneling ?

14p15

## Hot Electron Injection ?

14p16

## Max P/E cycles in SLC and MLC

## Datalight wear leveling article

## Average number of files in a file system

## POSIX

## C99 flexible array

## Man sha1sum

## SPANSION chip datasheet

## WiringPi lib

## NAND vs NOR flash

14p35,54

## Lib FUSE

# Figure

## Memory market bit demand forcast

## example file system structure with files and directories

## mkfs program

## format usb on windows

## color tag for files and directories in MacOSX GUI with APFS support

## direct block mapping

## indirect and double indirect block mapping

## a MOSFET

## floating MOSFET

## SLC MLC TLC p18 SD

## <https://www.youtube.com/watch?v=s7JLXs5es7I> 2:59

## <https://www.youtube.com/watch?v=s7JLXs5es7I> 3:20

## Shift in threshold voltage p18 NAND technology pdf

## Datalight heat map bad

## Datalight heat map good

## FAT erase count

## Files order in traditional FS

## Files order in log FS

## Raspi connection

# Listing

# Table

## GPIO SPI pins

Abbreviation

FS

OS

MKFS

FSCK

RAM

BSD FFS

BFS

Ext2

FAT

MOSFET

SLC

IC

MLC

P/E

SPI

SPINFS

POSIX

API

Question for Language Instructor:

* Equation counting
* Monospace for “struct spinfs\_raw\_inode”
* Format for Code listing
* Some references from association rather than individual

References

Details of the references are given here. Use the referencing system required in your degree programme or as agreed with your supervisor.

Layout of this page in the author-date /Harvard) referencing system:

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