





Internship report

Android middleware & sofware development, integration & tests

Intern:
Mattijs Korpershoek
mattijs.korpershoek@gmail.com
Université Paul Sabatier

Master CAMSI Year 2013 - 2014

Contents

1	Intr	roduction	3	
2	Context			
	2.1	CELAD	4	
	2.2	Intel	4	
		2.2.1 Opensourcing	4	
		2.2.2 Android	4	
	2.3	MCG Audiocomms feature team	4	
		2.3.1 Android audio architecture	4	
3	Org	ganisation	5	
	3.1	Planning	5	
		3.1.1 Gantt	5	
	3.2	Agile working	5	
		3.2.1 The team	5	
		3.2.2 Daily scrum	5	
		3.2.3 Sprints	5	
		3.2.4 Demos	5	
		3.2.5 Retrospectives	5	
4	Achievements			
	4.1	HAL	6	
	4.2	Parameter framework	6	
5	What I have learned 7			
	5.1	Android system development	7	
	5.2	Tools	7	
6	Con	nclusion	8	
	C 1	Cli	0	

Forewords

Thanks to
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Introduction

```
Listing 1.1: A simple hello world

#include <stdio.h>

int main(int argc, char *argv[])

{
    printf("Hello, World!\n");
    return 0;

}
```

Context

Introduction of this part.

- 2.1 CELAD
- 2.2 Intel
- 2.2.1 Opensourcing

Contribution leader to kernel 3.14, \dots

- 2.2.2 Android
- 2.3 MCG Audiocomms feature team

MCG Mobile Cons

2.3.1 Android audio architecture

 $\operatorname{HAL},$ multiple platforms with different architectures.

Organisation

- 3.1 Planning
- 3.1.1 Gantt
- 3.2 Agile working
- 3.2.1 The team

Developer, Product Owner, Scrum master.

- 3.2.2 Daily scrum
- 3.2.3 Sprints
- **3.2.4** Demos
- 3.2.5 Retrospectives

Achievements

- 4.1 HAL
- 4.2 Parameter framework

What I have learned

- 5.1 Android system development
- 5.2 Tools

Conclusion

6.1 Conclusion