Codec Memory Management(CMM) Release Notes (Linux)

S3C6400/6410

August 26, 2008

REV 1.11

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S3C6400/6410 RISC Microprocessor
CMM Release Note

Samsung Electronics Co., Ltd.
San #24 Nongseo-Dong, Giheung-Gu
Yongin-City Gyeonggi-Do, Korea
446-711

Home Page: http://www.samsungsemi.com/

E-Mail: mobilesol.cs@samsung.com

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Revision History

Revision No	Description of Change	Refer to	Author(s)	Date
1.00	Initial Version	-	Jiun Yu	2008-07-05
1.10	free memory and merge fragmentation api are added		Jiun Yu	2008-07-19
1.11	New ioctl's commands are added		Jiun Yu	2008-08-26

Contents

1 Introduction

The purpose of the document is to describe the CMM driver for easy portability into different platforms by developers

2 Release Detail

Software	CMM driver
Version	1.11
Hardware Platform	Samsung Application Processor – S3C6400/6410
Host Operating System	Linux 2.6.21
Software Dependencies	Loading CMM driver module
Release Date	26-August-2008
Contact Person	Jiun Yu jiun.yu@samsung.com

3 Directory Structure

Directory	Files	Description
/cmm_app/	*.c, *.h	CMM test file
/cmm_drv/	*.c, *.h	CMM Device Driver file
/doc	*.doc, *.pdf	CMM documents

4 Limitations & Known Issues

5 Changes & Defect Fixes

5.1 V1.00

1. Initial version

5.2 V1.10

1. Memory free api is added
2. API of merging fragment memory is added
3. Device node is changed

5.3 V1.11

1. IOCTL_CODEC_CACHE_INVALIDATE
2. IOCTL_CODEC_CACHE_CLEAN
3. IOCTL_CODEC_CACHE_INVALIDATE_CLEAN