AACLC Encoder on DM365 with CE 2.24

1.1 Release Description

This document provides details about the software release of AACLC Encoder implementation on DM365 with Codec Engine. The list of supported features is available in the data sheet document. Release details are provided in **Release Information**.

1.1.1 Release Package

As part of this release for the AACLC Encoder, the following components are being provided:

1. Library for building the AACLC Encoder application

2. Makefile to create the executable for the AACLC Encoder application using the test source files & library

3. Documents with the AACLC Encoder API details and resource requirements to facilitate its integration into the customer system

4. Test source files for building the AACLC Encoder application

5. Documents with the test report detailing the test process and results

1.1.2 Release Information

AACLC Encoder	
Processor	ARM9E
Platform	DM365-Montavista Linux
Software Version	3.5.00
API	XDM 1.0
Tool Version	ARM Kernel: 2.6.xx ARM tools: arm_v5t_le-gcc (GCC) 4.2.0 (MontaVista 4.2.0-16.0.32.0801914 2008-08-30) XDC version: 3_15 FC version: FC 2.24 DVSDK version: 2_10_01_18 (ce_2_24)
Creation Date	07-04-2010

1.1.3   Software Delivery Details

Directory	Files	Description
****		
\	Makefile.prod	Makefile with paths for the tools and package
\packages-production	user.bld,config.bld	File to set paths for the tools
\docs		
\	*.pdf	All release documents
\packages-production\ittiam\app\aaclc_enc_app		
\	*.*	Package files for building the ARM side application
\	*.h	C header files required for using the library
\	*.c	C source files for the ARM application
\packages-production\ittiam\codecs\aaclc_enc		
\lib_production\	aaclc_enc_prod.a	Codec library
\	*.* and ce*.* & ce\lib*.*	Package files to build the partially linked codec library
\packages-production\ittiam\app\aaclc_enc_app\test		
\	loadmodules.sh	Script to initialize kernel modules used to run the application
\	*.x470MV	Pre-built application
\	*.wav	Test input file
\	*_ref.aac	Reference output to check bit-exactness

Note: In evaluation releases the output will have 3 seconds of silence at a random position within every 60 seconds of output data.

Getting Started

Release Documentation	
IA-AACLC-Enc-ARM9E-ReleaseNotes.pdf	This document
IA-AACLC-Enc-ARM9E-DS.pdf	Contains the features supported and the performance numbers for the module
IA-AACLC-Enc-XDM.pdf	Describes the XDM Application Program Interface for the AACLC Encoder. Also addresses the knowledge requirements of developers to integrate different components of their system with Ittiam AACLC Encoder software solution.
IA-AACLC-Enc-ARM9E-GSG.pdf	Contains instructions on how to get started with the software package of the module.
IA-AACLC-Enc-ARM9E-BP.pdf	Contains information on all the details on build environment and settings, as well as the build procedure for building the application.
IA-AACLC-Enc-ARM9E-TR.pdf	Contains information on the AACLC Encoder testing criteria, procedure and the test results for the AACLC Encoder