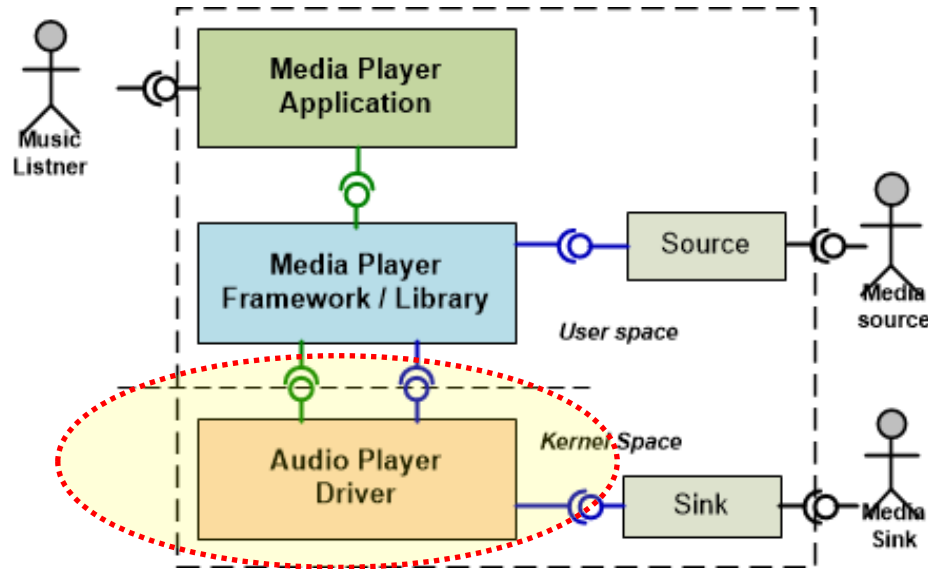




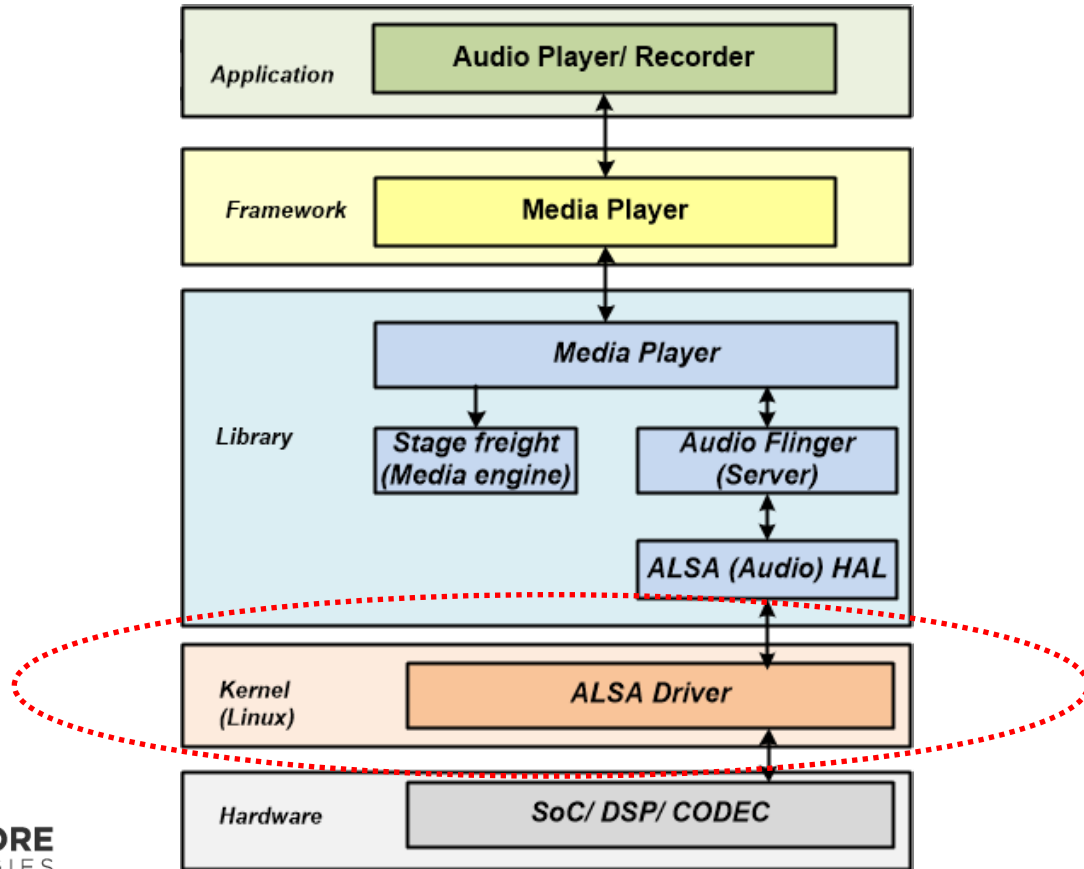
# Digital Core Technologies Pvt. Ltd.

## OOAD/UML Case study: ALSA framework

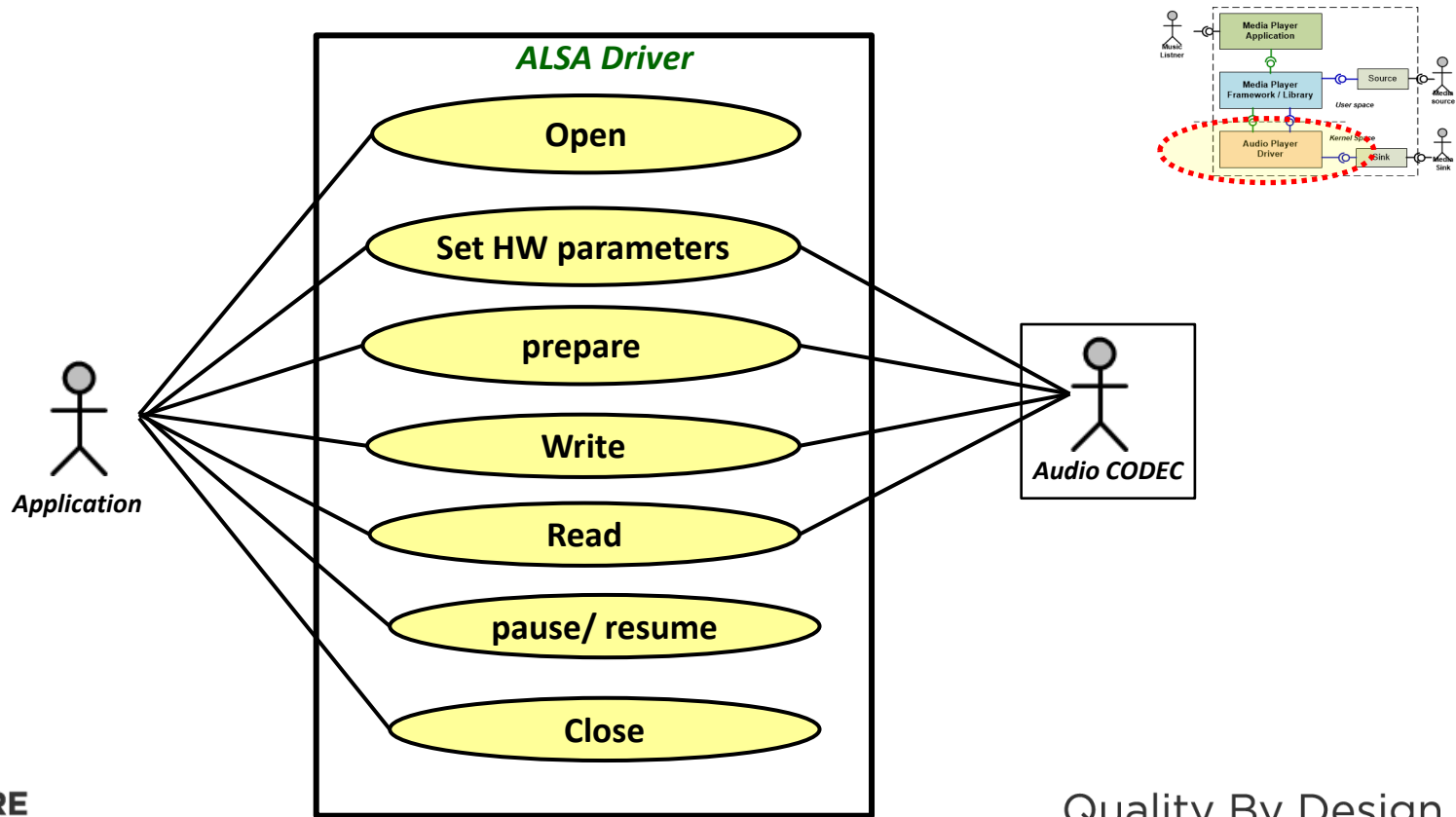
# Audio player : Driver



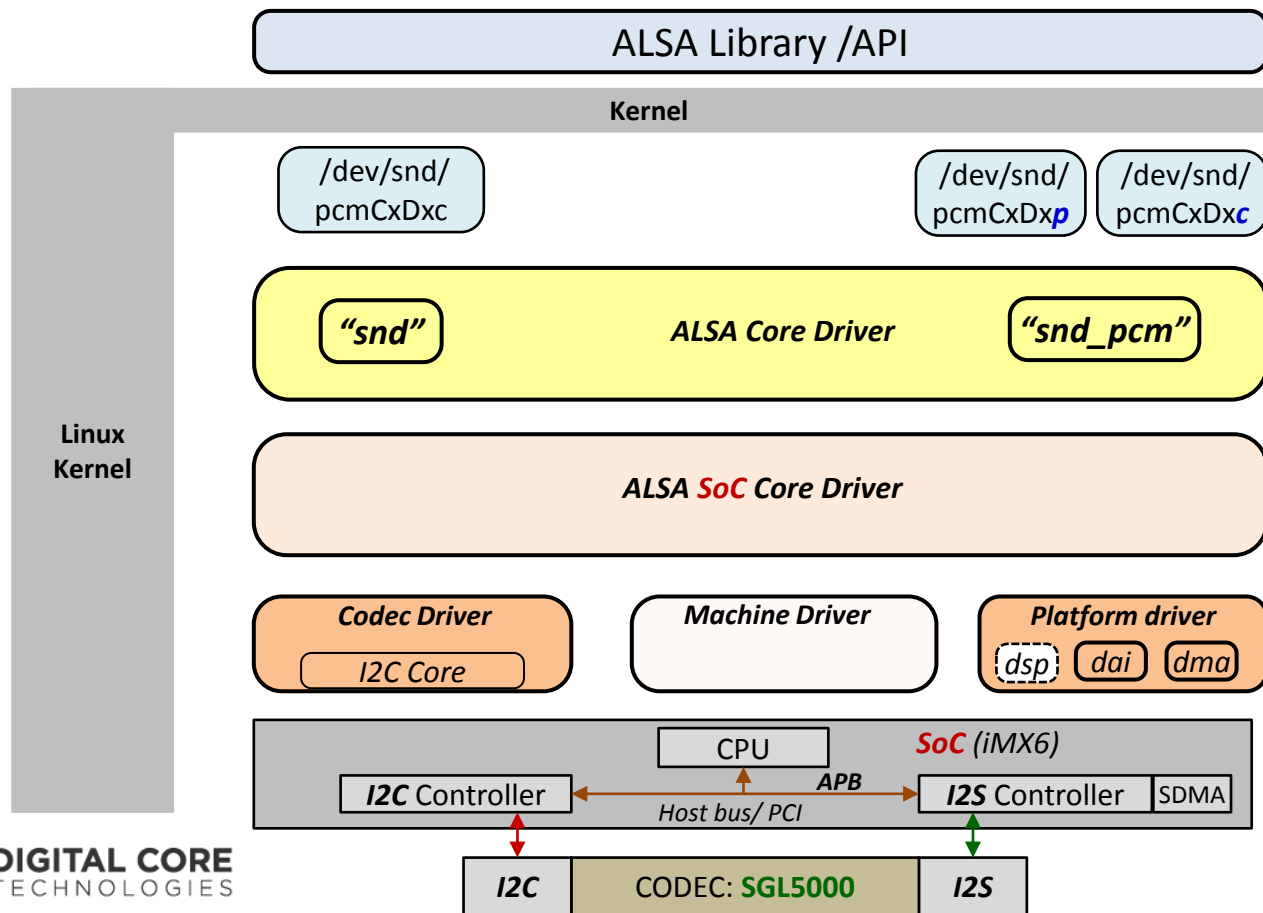
# “ALSA” in audio framework



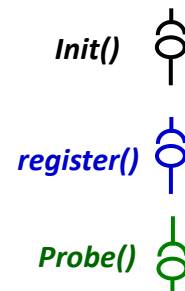
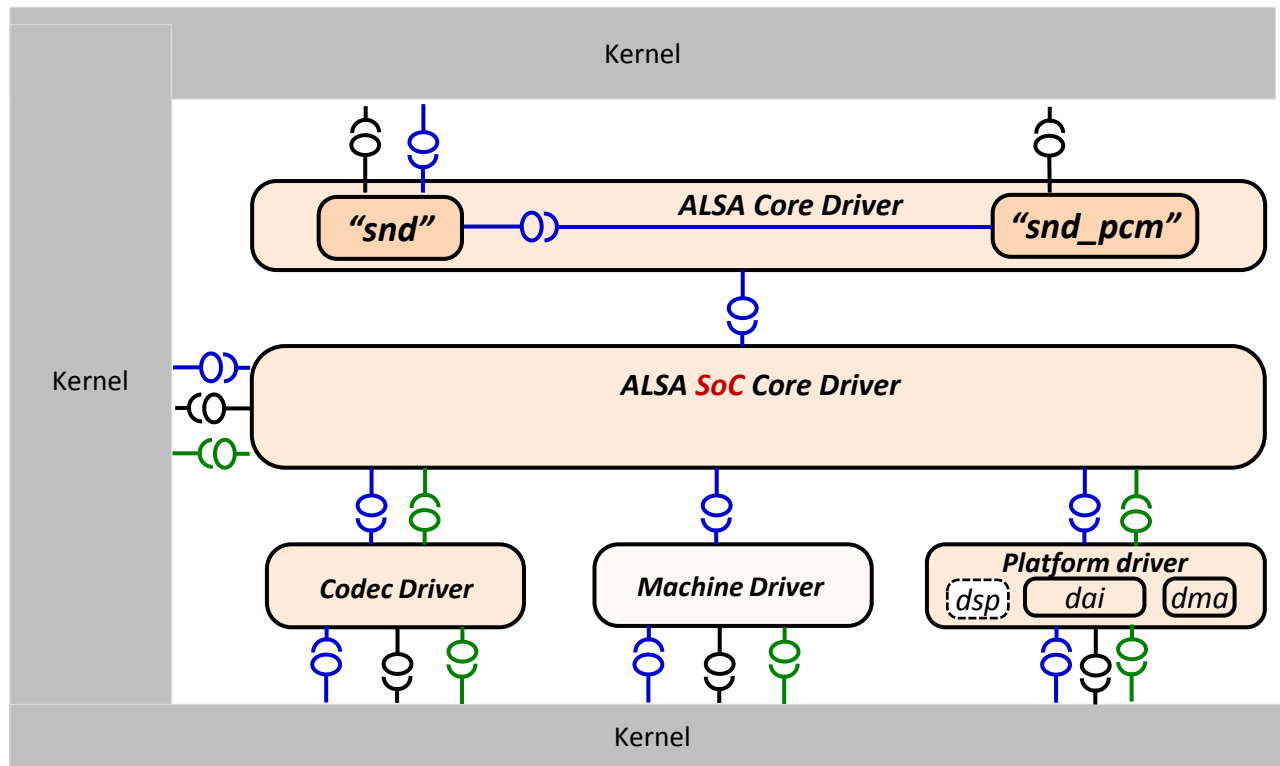
# ALSA Driver use case



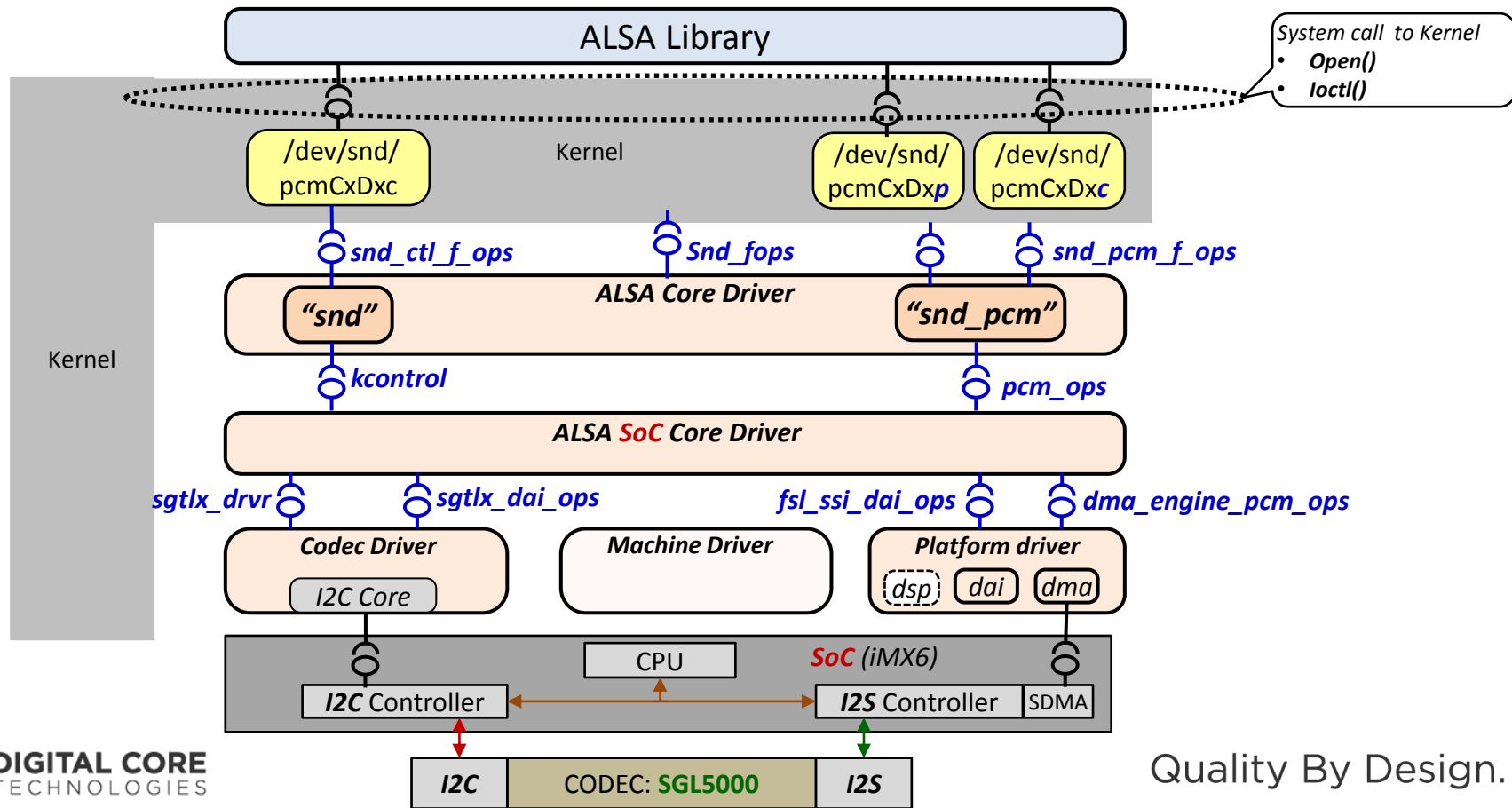
# ALSA Driver architecture



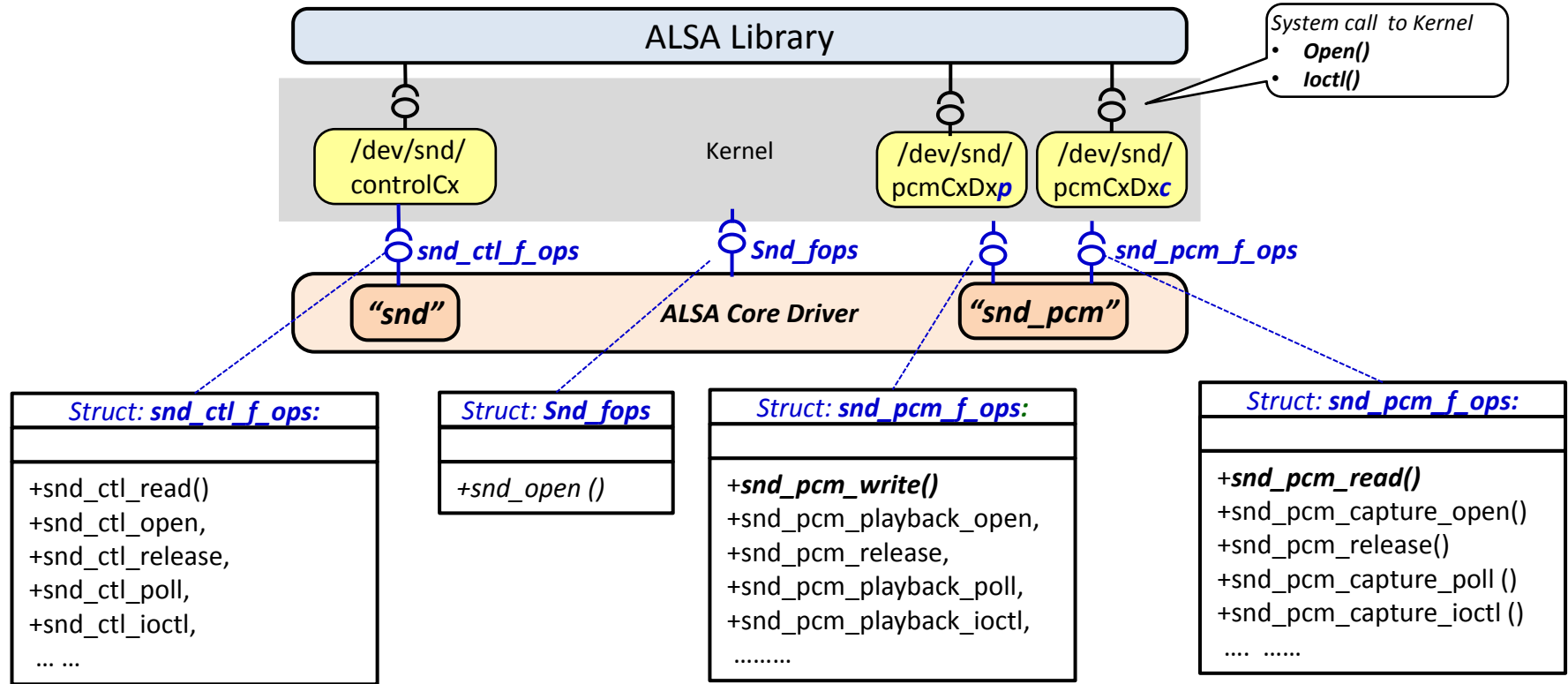
# ALSA Driver Interface (initialization)



# ALSA Driver Interface (run-time)

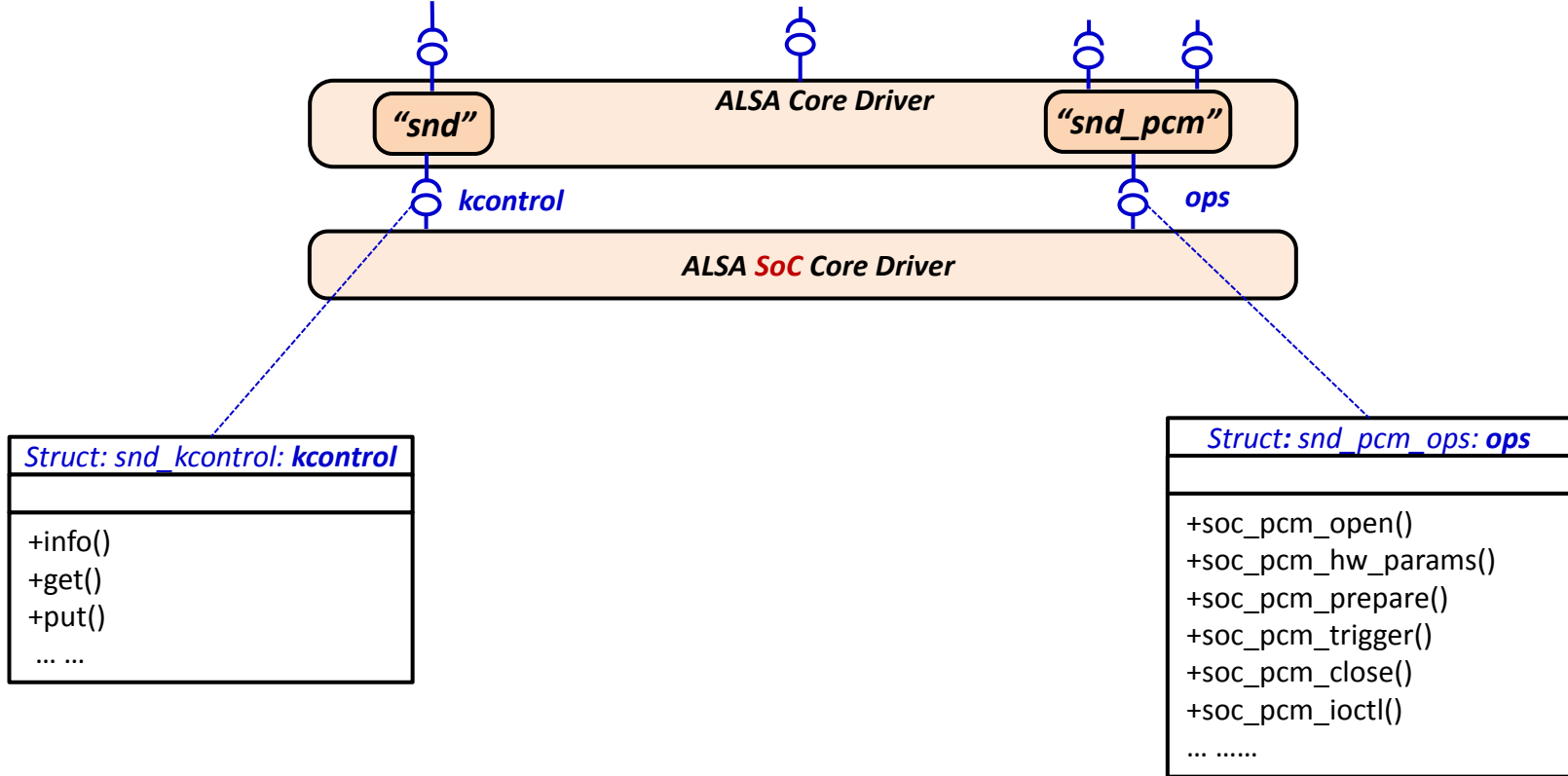


# ALSA Driver Interface (run-time)

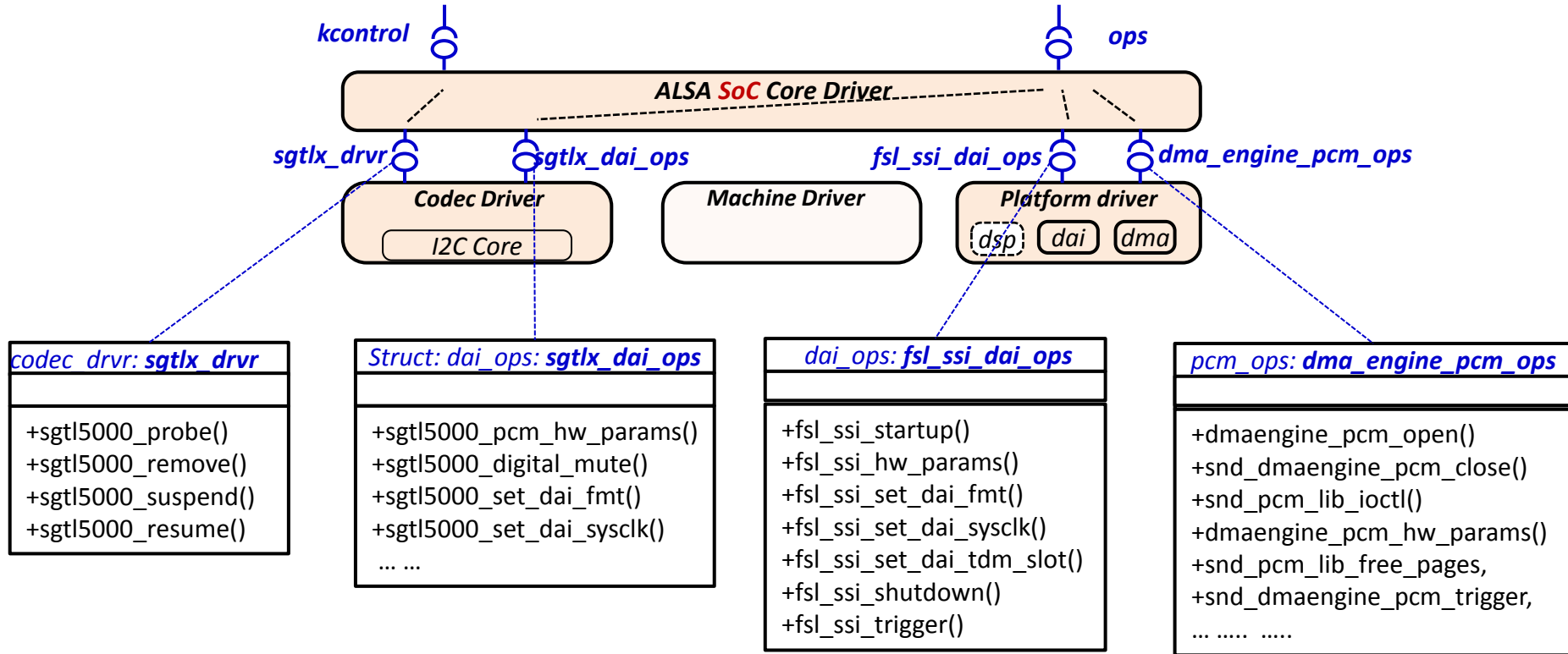




# ALSA Driver Interface (run-time)

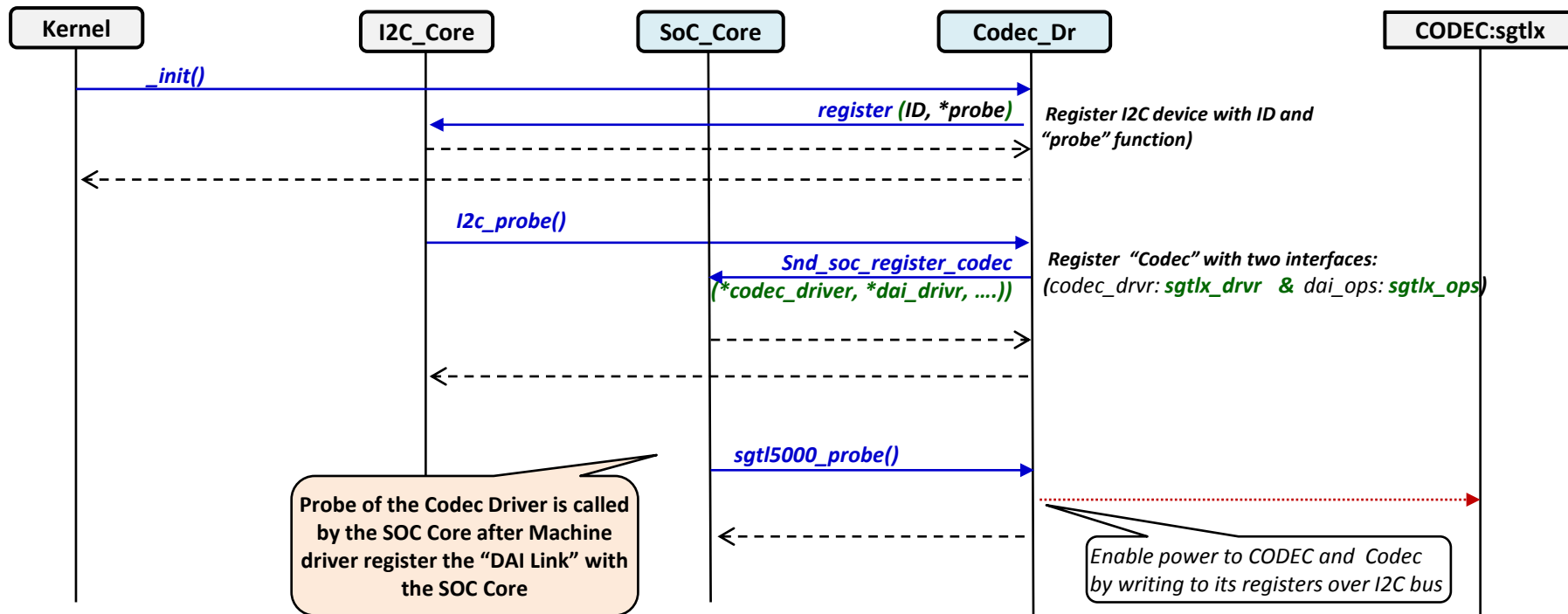


# ALSA Driver Interface (run-time)



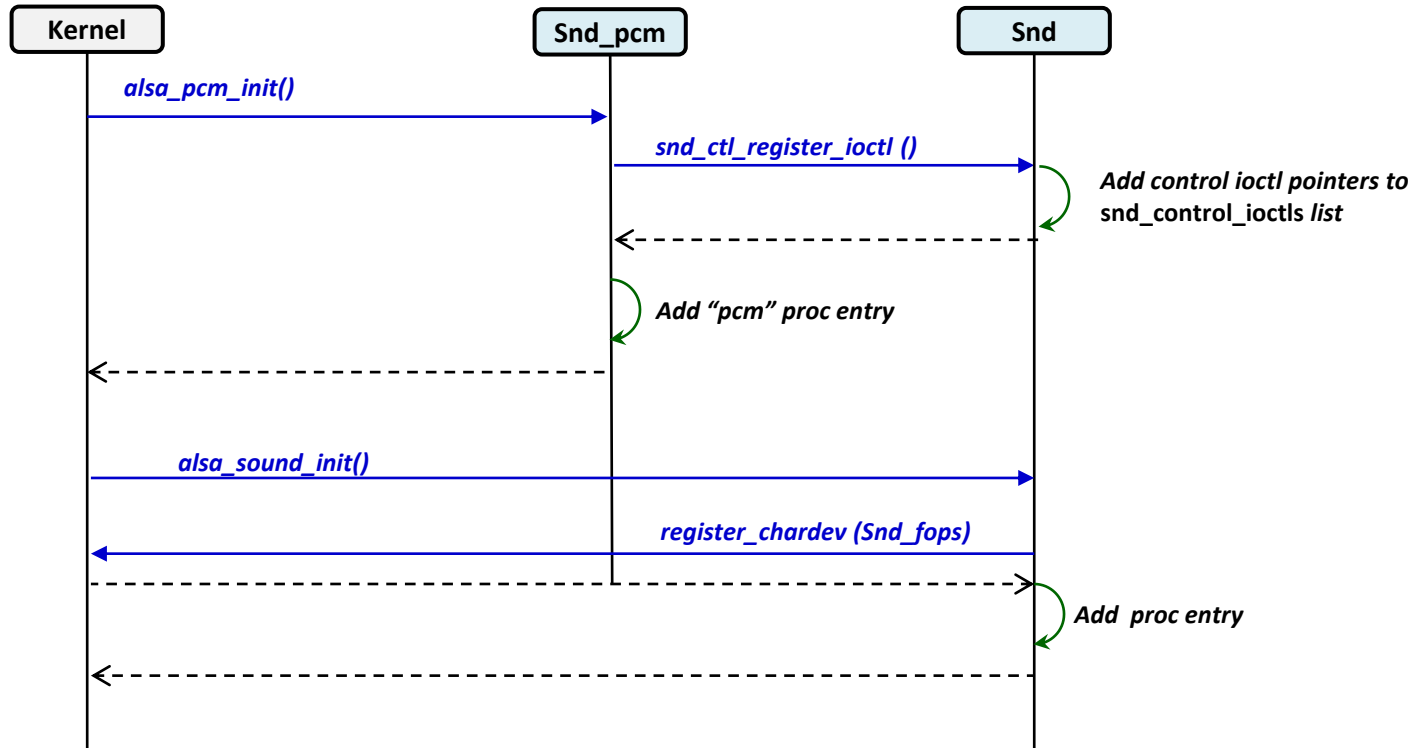
# ALSA Driver : Design View

Init Codec Driver



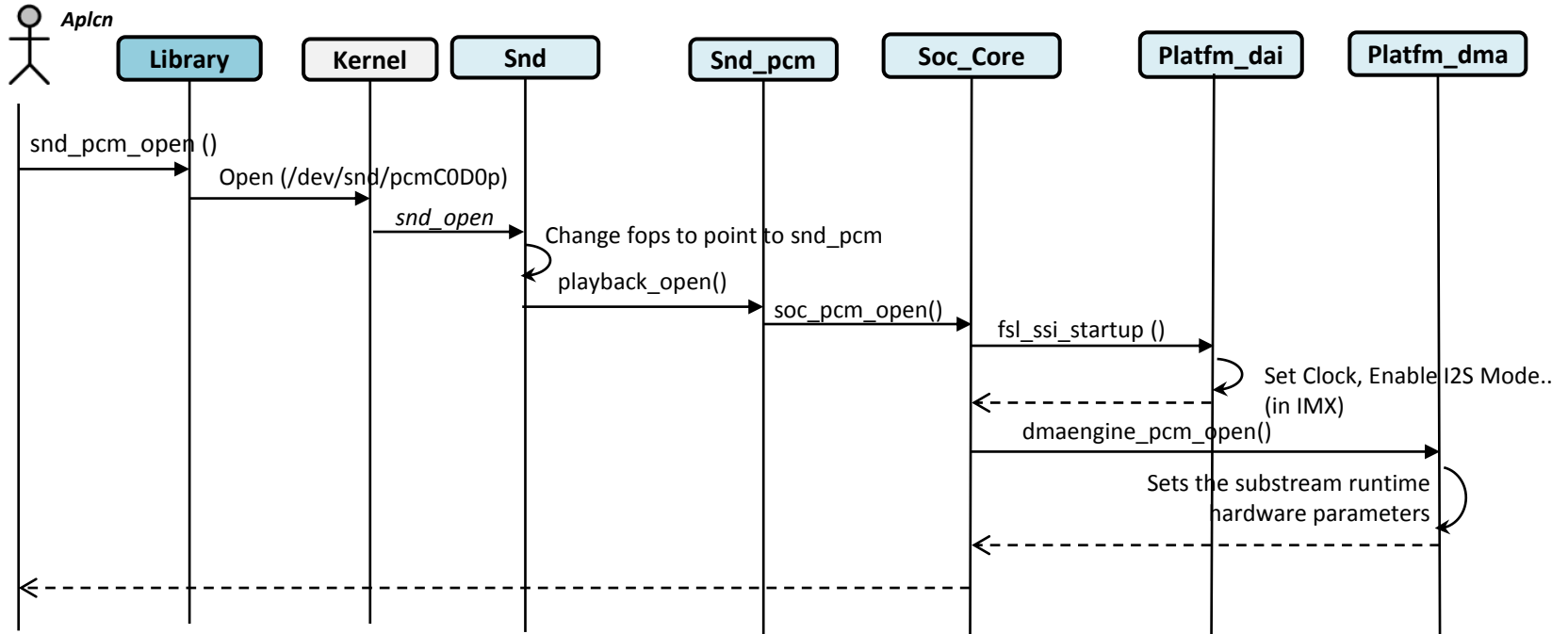
# Alsa PCM (snd\_pcm) interface initialization

Snd\_pcm init



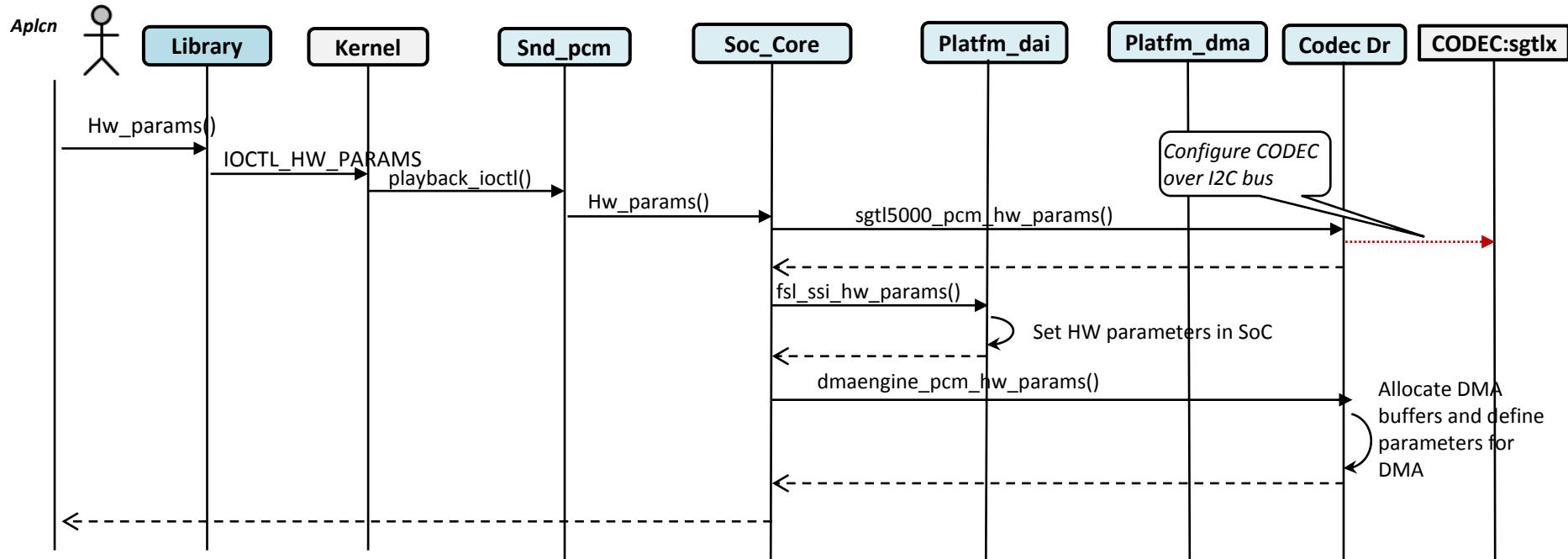
# ALSA Driver : Design View

Open



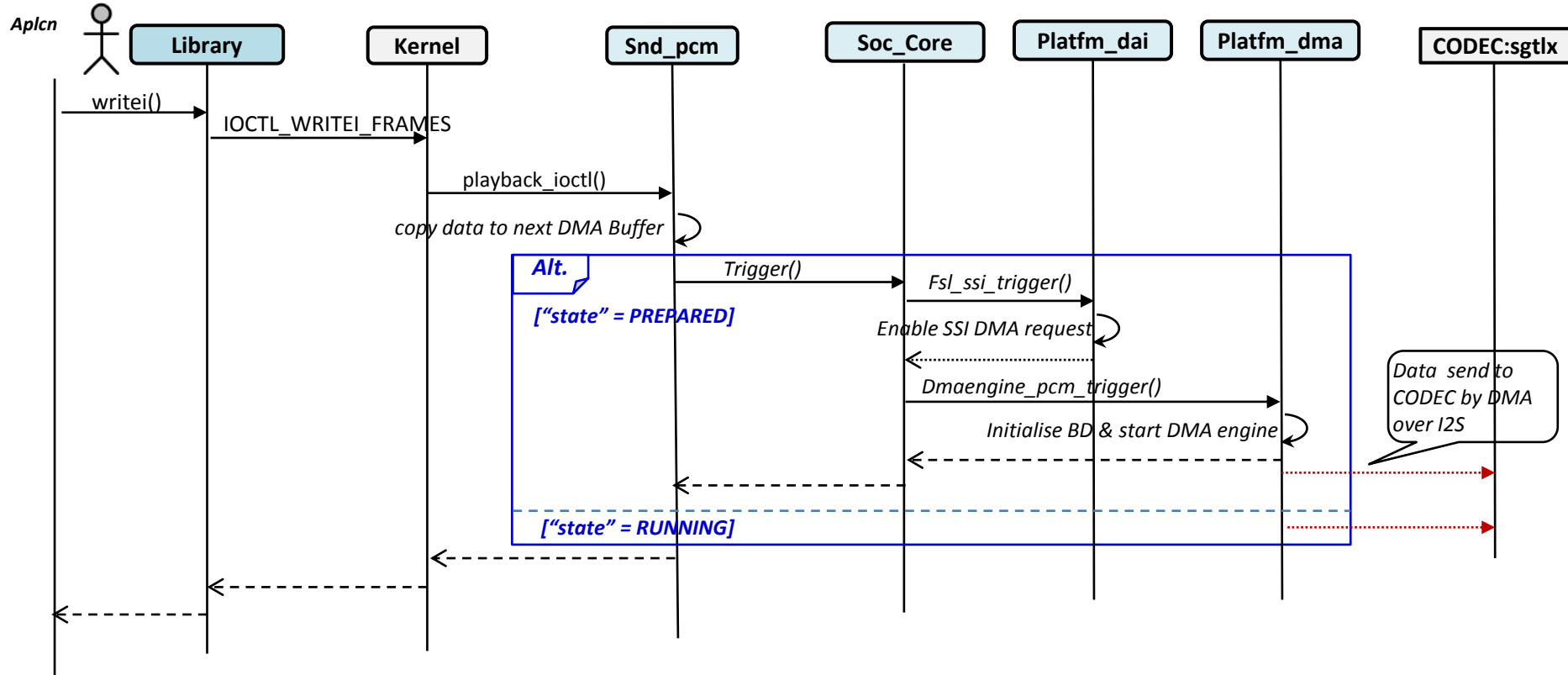
# ALSA Driver : Design View

Set HW parameters



# ALSA Driver : Design View

writei









**DIGITAL CORE**  
TECHNOLOGIES

Quality By Design.

*To Contact us:*

*Web:* [www.dicortech.com](http://www.dicortech.com)

*Email:* [info@dicortech.com](mailto:info@dicortech.com)

*Phone:* (+91) 9447 780 784