Camera2

- => Camera 2 is the latest Android Camera Franchock
 ApI that outplaces the depreciated Camera franchock
 libraries.
- Camera 2 provides In-depth centrals for Complex use coses but orequires you to manage device-specific configurations.
- For most developers, we precommend you use the Camara X Jetperk library for a consistent and easy to use APT surface that works choss ill Andraid devices Starting form Andraid 50.

SAPI level 213

* Comera capture sessions and orequests

- ⇒ A Single Android device car have [multiple cameras].
- => Each Comera is a Earnera Device
- Simultancousty.

Is optimized for Specific ase-case.

- Franco Combig out
- => Each pipeline has its own output format.
- => The saw data comming in is automatically transformed into the appropriate output format by implicit logic associated with each pipeline.

- You can use the Camman Device to create a Comman Capture Session, which will be specific to that [Camman Davice].
- => A Camaa Device must oreceive a frame configuration for each oracle frame via the Canaa Capture Session.
- Canfiguration Specifies Caman attributes:

 > auto focus

 aperture

 effects

 2 rosure
- Due to hardware constraints, Only a single configuration can be active in the commena scromson at any giration.

 This configuration is called the active configuration.
- A Comera Capture Session describes all the possible

 Pipeline bound to the Cama Danice.
- The Camera Capture Session maintains a queue of Capture Regnests S, which becomes the active Canfiguration.
- => A Capture Request adds a Configuration to the quene and select one, more than one, on all of the available Pipeline to specive a frame from the Common Device.

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* Greating a Camera Capture Session

To create a Comera session, provide it with one or more output target buffers your app can write output frames to.

=> Pach buffer oroprosonts a pipoline.