Subject: Re: Porting upp Core to ESPE32/FreeRTOS
Posted by Xemuth on Mon, 04 Mar 2024 09:48:47 GMT
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Hello Kohait00,

As an esp32 idf framework user having u++ core with this framework would be kind of strange except if you are separate logic that use only Upp core from logic that interact with the chip using esp idf framework.

Moreover the size of memory in esp32 is limited -> May upp core is too heavy to fit properly in several esp32 (Maybe) ?

Can't remember if Upp Core use RTTI but it can be a problem you have to think about (If I remember rtti on esp32 is disable by default)
Idem for exception.

I won't lie, when I started working with esp idf framework I wish I had Upp Core. Nowaday if Core was available without huge cost on esp32 binary size I would certainly use it. :d

PS: Upp core is maybe highly tied to platform it run on (i.e linux/windows) for several reason/ features OS provide to Upp Core. Porting it to esp would irremediably result in a shrinked core or a huge amount of works to adapt everythings.