Embedded 30/9/28

Systems of polys and proposed procumospore 1) what are device drivers? > Device drivers are software programs that allow the operating system to communicate with and control hardware devices such as printers.

2) Différence between General purpose systems and embedded systems ,

1 2 7 1	
General purpose Systems	Embedded Systems
be Versalile & Odaptable	These are designed for specific tasks
D'They we more genetic Components They we General purp -ose software	D'here are Often have dedicated hardware

3) How can hardware understand the code that ore withen in embedded systems -) Hardware cannot understand the codes that we write in the embedded system. The codes are witten en hegh-level programmeng languages such as c or c++, which are then compiled into machi -ne code that the hardware can understand. The Machine code 92 a low-level language that Consists of binary instructions that the processor Can execute. The machine code Px Loaded Puto the memory of the hardware device & executed

by the processor can execute Therefore the device by the processor can execute Therefore the Wigh-levy disver act as a translator between the Wigh-levy disver act as a translator between the Machine programming language 4 the low-level machine programming language 4 the low-level communical code, allowing the operating system to communical with and control the hardware device

4] Defference between RTOS & General Purpose 05

Peal thme operating System General purpose operating system

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Peros provides deterministing General purpose Computing a rich set of features the system sources a rich set of features the deterministic General Gener