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Debug over serial Port

Read also “Debugging Applications and Projects” in the delivered Documentation

1. Terminal Program settings 115200 Baud 8,N,1
The uart immediate is working with following parameters: 115200, 8N1, RTS/CTS.
2. Connect Serial cross (X) Cable with the (per example) Comport 1 with the PC comport
3. Add in MAIN.C of your application the Comport to the Device Table com1 or com2

```
DevDescType *DeviceTable[] = {  
    CPU,          /* Device Driver for CPU          */  
    LAN,          /* Ethernet Device SMSC LAN91C111 */  
    SWITCH,      /* IP start address selector switch */  
    FLASH,       /* Device Driver for non-volatile memory */  
    COM1,        /* Device Driver for Comport 1      */  
    COM5,        /* Device Driver for Comport 5      */  
    NULL         /* Last element in table must always be NULL */  
};
```

4. Changes in HAL.H

HyNetOS\SYSTEM\PLATFORM\MWT2\LIB\DRIVER\INC\hal.h
Enable the following Defines

```
#define UART550_IMM  
#define UART_IMMEDIATE_PORT 1
```

Compile the HyNetOS\SYSTEM\PLATFORM\MWT2\DEMO\DEBUGIMM\DEBUGIMM
Using the Batch and your Application.
Recompile your driver.lib

Remark the Program don't start if there is no Terminal Program connected !